ELMARK®

The Brand of Electricity



ELECTRICAL

CATALOGUE

2025

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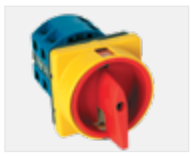
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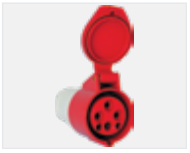
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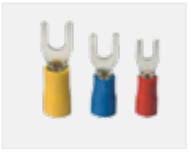
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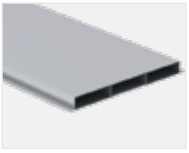
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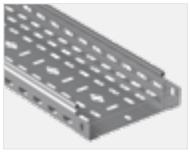
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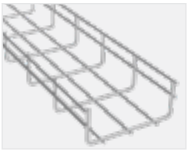
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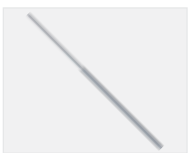
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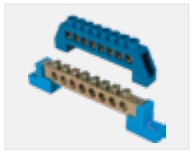

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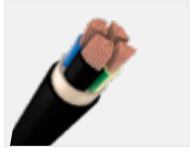

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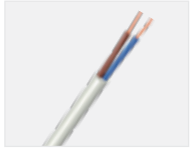

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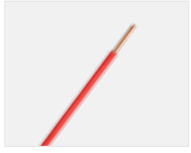

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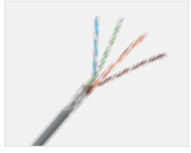

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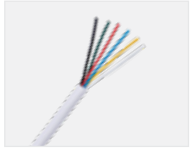

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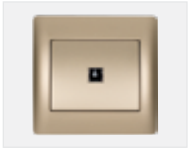
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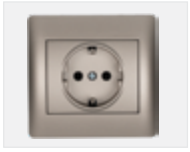
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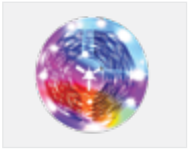
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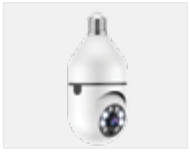
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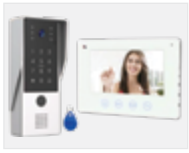
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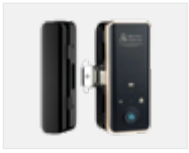
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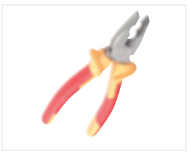
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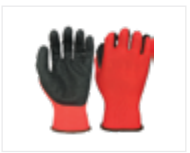
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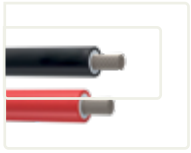
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QUALITY & INSURANCE CERTIFICATES



Bureau Veritas Certification

ELMARK INDUSTRIES AD

2, Dobrudzha Str., 9300, Dobrich, Bulgaria

Bureau Veritas Certification Holding SAS - UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below

ISO 9001:2015

Scope of certification

Production and trade of Miniature Circuit Breakers (MCB), Molded Case Circuit Breakers (MCCB), Residual Current Devices (RCD) and Contactors and Devices for Control and Protection of Electrical Motors. Assembly and testing of Industrial, outdoor and LED lighting.

Original cycle start date:	07-04-2009
Expiry date of previous cycle:	NA
Certification / Recertification Audit date:	NA
Certification / Recertification cycle start date:	06-03-2024
Subject to the continued satisfactory operation of the organisation's Management System, this certificate expires on:	16-03-2027

Certificate No.: **BG003554** Version: **1** Issue date: **06-03-2024**

UKAS 0061

Signed on behalf of BVCH SAS UK Branch

Certification Body Address: 5th Floor, 66 Prescot Street, London, E1 8HG, United Kingdom

Local Office: 81A, Bulgaria Blvd., 1404 Sofia, Bulgaria

Further clarifications regarding the scope and validity of this certificate, and the applicability of the management system requirements, please call: +359 (2) 983 60 00

UKAS Certificate Template Single Site Rev.4.1 28 Aug 2023

1/1



Allianz Bulgaria Insurance Co. Ltd.

General Insurance

TO WHOM IT MAY CONCERN

CERTIFICATE OF COVER

This is to certify that we, "Allianz Bulgaria" Insurance Co., Ltd., Bulgaria, Sofia, IN 040638060, in our capacity as Insurers, have issued an insurance Policy No 1300025039000001 and effected Product Liability insurance as follows:

ASSURED: **ELMARK INDUSTRIES AD**, BULSTAT No. 124634156, Dobrich, Dobrudzha 2 Boul.

Interest Production of Miniature Circuit Breakers (MCB), Molded Case Circuit Breakers (MCCB), Residual Current Devices (RCD) and Contactors, Thermomagnetic automatic breakers, Thermal overload relays and Devices for Control and Protection of Electrical Motors. Assembly and testing of Decorative, Luminescent, Industrial and LED lighting.

Limits: **1 500 000 EUR** any one occurrence
1 500 000 EUR in aggregate for the insurance period

PERIOD: TWELVE MONTHS with effect from 01-01-2025

Territorial Scope: Worldwide except USA and Canada and the territories under their jurisdiction

Warranties, if any :

In the event that the Assured or anyone acting on his behalf uses the above information as evidence for insurance or evidence of financial responsibility under any applicable law relating to financial responsibility, or otherwise shows or offers it to any other party as evidence of insurance, it must be clearly understood that this confirmation relates only to the dates set out above and that such insurance is subject to General Conditions of "Allianz Bulgaria", attached clauses and terms, conditions, limitations, exclusions and other provisions of the Insurance Policy issued.

Issued on December 19th 2024

Place of issue: Varna, 8-mi Primorski Polk 115 Boul., General representation 039, varna.centre@allianz.bg tel: +35952668733

№ 0172336

"ALLIANZ BULGARIA" INS Co., LTD.

Allianz Bulgaria Insurance Co. Ltd.

Allianz

ORIGINAL

All available certificates can be found at ***www.elmarkholding.eu***

QUALITY & INSURANCE CERTIFICATES

ELMARK
The Brand of Electricity



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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
R 50606967 0001

Berichtsnummer *Report No.:*
CN23XJCX 001

Genehmigungsinhaber *License Holder:*
Elmark Industries SC
2 Dobrudzha blvd.,
9300 Dobrich
Bulgaria

Fertigungsstätte *Manufacturing Site:*
Elmark Industries SC
2 Dobrudzha blvd.,
9300 Dobrich
Bulgaria

Prüfzeichen *Test Mark:*

Geprüft nach *Tested according to:*
EN 60898-1:2019

Geräteidentifikation
Product Identification

Produkt: *Product:* Circuit Breaker (Miniature Circuit-breaker)

Modell: *Type:* Modelle sind auf nächste(r) Seite(n) gelistet
Type designation(s) are listed on the next page(s)

Technische Daten: *Technical Data:* Technische Daten auf nächste(r) Seite(n) gelistet
Technical Data is listed on the next page(s)

Gültig ab: *Valid from:* 2023-12-29

Zertifizierungsstelle: *Certification body:*

Ausstellungsdatum: *Date of issue:* 2023-12-29

Wencai Zhang

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.
This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
http://www.tuv.com/safety E-mail: markcheck@tuv.com
Fax: +49 221 806-3935

www.tuv.com

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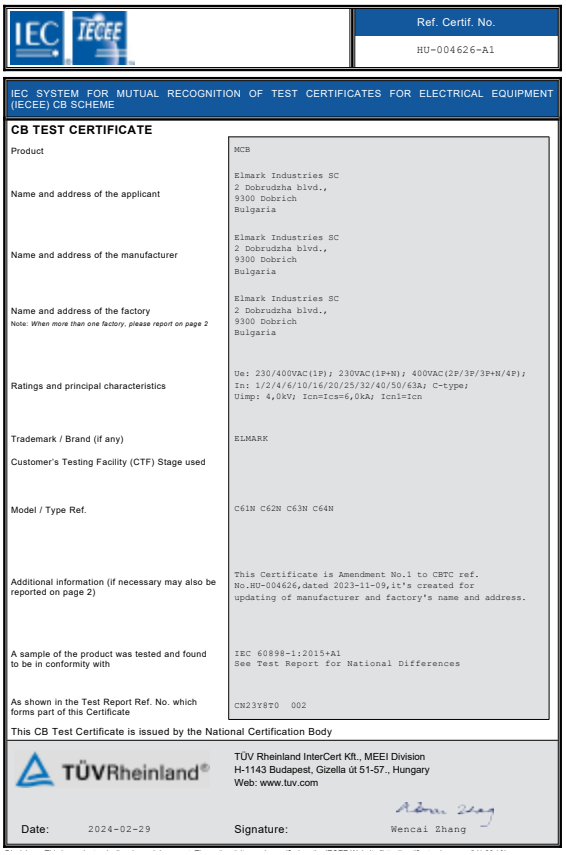

IEC IECEE

Ref. Certif. No.
HU-004626-A1

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	MCB
Name and address of the applicant	Elmark Industries SC 2 Dobrudzha blvd., 9300 Dobrich Bulgaria
Name and address of the manufacturer	Elmark Industries SC 2 Dobrudzha blvd., 9300 Dobrich Bulgaria
Name and address of the factory Note: *When more than one factory, please report on page 2*	Elmark Industries SC 2 Dobrudzha blvd., 9300 Dobrich Bulgaria
Ratings and principal characteristics	Ue: 230/400VAC(1P); 230VAC(1P+N); 400VAC(2P/3P/3P+N/4P); In: 1/2/4/6/10/16/20/25/32/40/50/63A; C-type; Uimp: 4,0kV; Icn=Ics=6,0kA; Icn1=Icn
Trademark / Brand (if any)	ELMARK
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	C61N C62N C63N C64N
Additional information (if necessary may also be reported on page 2)	This Certificate is Amendment No.1 to CBTC ref. No.HU-004626,dated 2023-11-09,it's created for updating of manufacturer and factory's name and address.
A sample of the product was tested and found to be in conformity with	IEC 60898-1:2015+A1 See Test Report for National Differences
As shown in the Test Report Ref. No. which forms part of this Certificate	CN23Y8T0 002

This CB Test Certificate is issued by the National Certification Body

TÜVRheinland®

TÜV Rheinland InterCert Kft., MEEI Division
H-1143 Budapest, Gizella út 51-57., Hungary
Web: www.tuv.com

Date: 2024-02-29

Signature: Wencai Zhang



Seite *Page* 1 / 2

Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
R 50611700 0001

Berichtsnummer *Report No.:*
CN2340BX 001

Genehmigungsinhaber *License Holder:*
Elmark Industries SC
2 Dobrudzha blvd.,
9300 Dobrich
Bulgaria

Fertigungsstätte *Manufacturing Site:*
Elmark Industries SC
2 Dobrudzha blvd.,
9300 Dobrich
Bulgaria

Prüfzeichen *Test Mark:*

Geprüft nach *Tested according to:*
EN 60947-2:2017+A1

Geräteidentifikation
Product Identification

Produkt: *Product:* Moulded case circuit breaker (Moulded case circuit breaker)

Modell: *Type:* Modelle sind auf nächste(r) Seite(n) gelistet
Type designation(s) are listed on the next page(s)

Technische Daten: *Technical Data:* Technische Daten auf nächste(r) Seite(n) gelistet
Technical Data is listed on the next page(s)

Gültig ab: *Valid from:* 2024-01-18

Zertifizierungsstelle: *Certification body:*

Ausstellungsdatum: *Date of issue:* 2024-01-18

Wencai Zhang

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.
This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
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Fax: +49 221 806-3935

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QUALITY & INSURANCE CERTIFICATES

ELMARK
The Brand of Electricity



Seite *Page* 1 / 2

Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
R 50611506 0001

Berichtsnummer *Report No.:*
CN23C98P 001

Genehmigungsinhaber *License Holder:*
Elmark Industries SC
2 Dobrudzha blvd.,
9300 Dobrich
Bulgaria

Fertigungsstätte *Manufacturing Site:*
Elmark Industries SC
2 Dobrudzha blvd.,
9300 Dobrich
Bulgaria

Prüfzeichen *Test Mark:*

Geprüft nach *Tested according to:*
EN 61008-1:2012+A1+A2+A11+A12
EN 61008-2-1:1994+A11

Geräteidentifikation
Product Identification

Produkt: *Product:* Residual Current Operated circuit-breakers (RCCBs)

Modell: *Type:* Modelle sind auf nächste(r) Seite(n) gelistet
Type designation(s) are listed on the next page(s)

Technische Daten: *Technical Data:* Technische Daten auf nächste(r) Seite(n) gelistet
Technical Data is listed on the next page(s)

Gültig ab: *Valid from:* 2023-12-29

Zertifizierungsstelle: *Certification body:*

Ausstellungsdatum: *Date of issue:* 2023-12-29

Wencai Zhang

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.
This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
http://www.tuv.com/safety E-mail: markcheck@tuv.com
Fax: +49 221 806-3935

www.tuv.com

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IEC IECEE

Ref. Certif. No.
HU-004627-M1

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	RCCB
Name and address of the applicant	Elmark Industries SC 2 Dobrudzha blvd., 9300 Dobrich Bulgaria
Name and address of the manufacturer	Elmark Industries SC 2 Dobrudzha blvd., 9300 Dobrich Bulgaria
Name and address of the factory *Note: When more than one factory, please report on page 2*	Elmark Industries SC 2 Dobrudzha blvd., 9300 Dobrich Bulgaria
Ratings and principal characteristics	Un=230V~(1P+N); 400V~(3P+N); 50/60Hz; In=10,16,20,25,32,40,63A; IΔn=30mA,100mA,300mA; Type AC or Type A Im=IΔm=500 or 10In(whichever is the greater) IΔc=Inc=6,0kA
Trademark / Brand (if any)	ELMARK
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	JELIA
Additional information (if necessary may also be reported on page 2)	This Certificate is Amendment No.1 to CBTC ref. No.HU-004626,dated 2023-11-09,it's created for updating of manufacturer and factory's address and the electrical data.
A sample of the product was tested and found to be in conformity with	IEC 61008-1:2010+A1+A2 IEC 61008-2-1:1990 See Test Report for National Differences
As shown in the Test Report Ref. No. which forms part of this Certificate	CN23AWQR 002

This CB Test Certificate is issued by the National Certification Body

TÜVRheinland®

TÜV Rheinland InterCert Kft., MEEI Division
H-1143 Budapest, Gizella út 51-57., Hungary
Web: www.tuv.com

Date: 2024-03-01

Signature: Wencai Zhang



Seite *Page* 1 / 2

Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
R 50611703 0001

Berichtsnummer *Report No.:*
CN23VRBL 001

Genehmigungsinhaber *License Holder:*
Elmark Industries SC
2 Dobrudzha blvd.,
9300 Dobrich
Bulgaria

Fertigungsstätte *Manufacturing Site:*
Elmark Industries SC
2 Dobrudzha blvd.,
9300 Dobrich
Bulgaria

Prüfzeichen *Test Mark:*

Geprüft nach *Tested according to:*
EN IEC 60947-4-1:2019

Geräteidentifikation
Product Identification

Produkt: *Product:* Magnetic Contactor (AC Contactor)

Modell: *Type:* Modelle sind auf nächste(r) Seite(n) gelistet
Type designation(s) are listed on the next page(s)

Technische Daten: *Technical Data:* Technische Daten auf nächste(r) Seite(n) gelistet
Technical Data is listed on the next page(s)

Gültig ab: *Valid from:* 2024-01-18

Zertifizierungsstelle: *Certification body:*

Ausstellungsdatum: *Date of issue:* 2024-01-18

Wencai Zhang

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.
This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
http://www.tuv.com/safety E-mail: markcheck@tuv.com
Fax: +49 221 806-3935

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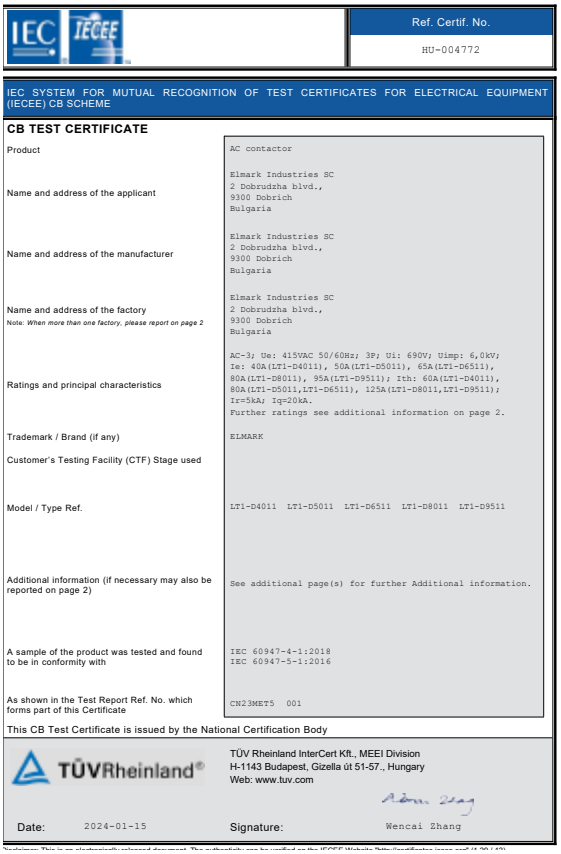

IEC IECEE

Ref. Certif. No.
HU-004772

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	AC contactor
Name and address of the applicant	Elmark Industries SC 2 Dobrudzha blvd., 9300 Dobrich Bulgaria
Name and address of the manufacturer	Elmark Industries SC 2 Dobrudzha blvd., 9300 Dobrich Bulgaria
Name and address of the factory *Note: When more than one factory, please report on page 2*	Elmark Industries SC 2 Dobrudzha blvd., 9300 Dobrich Bulgaria
Ratings and principal characteristics	AC-3; Ue: 415VAC 50/60Hz; 3P; Ui: 690V; Uimp: 6,0kV; Ie: 40A(LT1-D4011), 50A(LT1-D5011), 65A(LT1-D6511), 80A(LT1-D8011), 95A(LT1-D9511); Ith: 60A(LT1-D4011), 80A(LT1-D5011,LT1-D6511), 125A(LT1-D8011,LT1-D9511); Ir=5kA; Iq=20kA. Further ratings see additional information on page 2.
Trademark / Brand (if any)	ELMARK
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	LT1-D4011 LT1-D5011 LT1-D6511 LT1-D8011 LT1-D9511
Additional information (if necessary may also be reported on page 2)	See additional page(s) for further Additional information.
A sample of the product was tested and found to be in conformity with	IEC 60947-4-1:2018 IEC 60947-5-1:2016
As shown in the Test Report Ref. No. which forms part of this Certificate	CN23MET5 001

This CB Test Certificate is issued by the National Certification Body

TÜVRheinland®

TÜV Rheinland InterCert Kft., MEEI Division
H-1143 Budapest, Gizella út 51-57., Hungary
Web: www.tuv.com

Date: 2024-01-15

Signature: Wencai Zhang

All available certificates can be found at ***www.elmarkholding.eu***

AUTOMATION

- MINIATURE CIRCUIT BREAKERS & ACCESSORIES
- HIGH POWER SAFETY DEVICES & ISOLATING SWITCHES
- SWITCH DISCONNECTORS
- ISOLATING SWITCHES
- MOULDED CASE CIRCUIT BREAKERS
- RESIDUAL CURRENT DEVICES
- SURGE ARRESTERS
- LOW VOLTAGE CONTACTORS
- THERMAL OVERLOAD RELAYS
- STARTERS
- FREQUENCY INVERTERS
- TIMERS
- TRANSFORMERS
- INDUSTRIAL RELAYS
- MEASUREMENT DEVICES
- LIMIT SWITCHES
- SENSORS
- ROTARY SWITCHES
- BUTTONS & INDICATORS
- WARNING LIGHTS & TOWERS



PRODUCED IN **ELMARK** FACTORY BULGARIA

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The Brand of Electricity

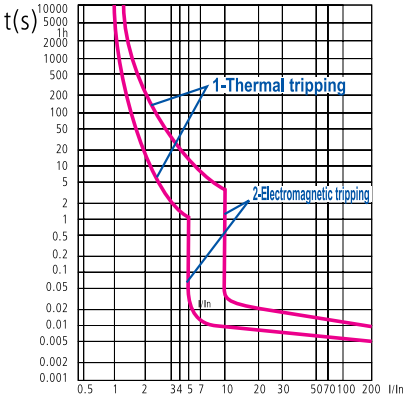
MINIATURE CIRCUIT BREAKERS C60R RESIDENTIAL TYPE

C6xR
- number of poles (1,2,3)
- breaking capacity in (kA)
- tripping curve C

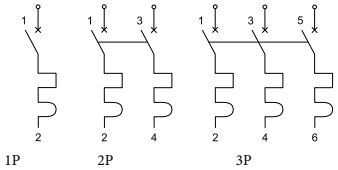
C x
- rated current in (A)
- tripping curve C

Documents corresponding to the product:
Standard EN60898-1
EN60947-2





C type



Dimensions (mm)

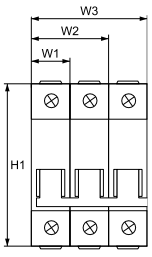
C	D1	D2	D3	H1
5	40	65	72	78
H2	W1	W2	W3	
45	18	36	54	

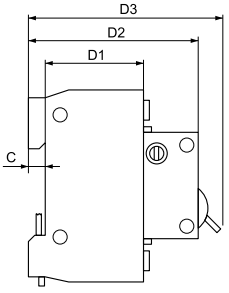
FUNCTIONS
- Protection of the electrical circuits from overload or short circuits of the outer circuit
- It can be used as a device for commutation and control of electrical circuits
- For mounting in residential buildings
- For mounting at a distance from the transformer post from 150 to 850 m
- Allows protection of consumers generating short circuit currents up to 6000 A

TECHNICAL DATA
- Rated voltage: 230/400V; 50/60Hz
- Breaking capacity (cycle O-CO) in accordance with standard EN 60 898-1: 6000A
- Rated breaking capacity Ics= 75% Icu
- Isolating voltage:≥2000V
- Electrical wear resistance (number of cycles): 4000
- Mechanical (number of cycles): 10000
- Class of current limiting: 3
- IP code: IP>20
- Tripping curve C – the maximum current release breaks between 5 and 10 In; used to protect main power supply cables and conventional consumers
- Joining terminal: flat (tunnel) screw terminal with composition 1.5 coldly draw-plated plane
- Plastic box – not keeping the burning material nylon PA66, UV rays wear resistance
- Box permitivity strength: >18MV/m
- Abnormal heating wear resistance and fire of the outer parts: 960°C /3s
- Maximum current release containing:
  - Copper coil - composition: pure copper T2 type
    - Resistance: from 0.6 to 180m
    - Welding effort: <150 000 N/mm
  - Bimetal plate - composition: 5J158 to TB180 depending on the current
    - Thickness: 0.6mm (up to 40A) and 0.8mm (up to 63A)
  - Magnetic core - composition: coldly draw-plated metal wire (1Gr18Ni9)
    - Thickness: 1.15 to 2.24µm
    - Drawing effort: from 200 to 400N/mm
  - Contact head of the movable contact - composition: silver graphite CAg(5)
    - Dimension 3x3x0.8 (up to 40A) and 4x4x0.8 (up to 63A)
  - Static contact - composition: pure copper T2Y2
    - Composition of the contact head: silver graphite CAg(5)
- Power supply (conducting)
  - Power supply busbar 1P63, 2P63, 3P63
  - Rigid conductors up to 25 mm2
  - Flexible conductors up to 16mm2
- Tightening moment: 1.33Nm

MOUNTING
- Residential electrical installations
- Office buildings
- Retail outlets

MOUNTING
- Vertical
- DIN-rail
- For mounting in housing or industrial environment without serious interference
- Ambient temperature: -5°C to + 65°C±2° C





12 YEARS TOTAL WARRANTY
+ 7 standard 5 extended

Scan each QR code to see product price and availability.

1P MINIATURE CIRCUIT BREAKERS C61R RESIDENTIAL TYPE



AC current type

Catalogue number Curve C	Type	Number of poles	Rated current In (A)	Breaking capacity (kA)	Recommended conductor (mm^2)	Packing/Box (pcs)
41102R	C61R / 2A	1	2	6	1.0	12/240
41104R	C61R / 4A	1	4	6	1.0	12/240
41106R	C61R / 6A	1	6	6	1.0	12/240
41110R	C61R / 10A	1	10	6	1.5	12/240
41116R	C61R / 16A	1	16	6	2.5	12/240
41120R	C61R / 20A	1	20	6	2.5	12/240
41125R	C61R / 25A	1	25	6	4.0	12/240
41132R	C61R / 32A	1	32	6	6.0	12/240
41140R	C61R / 40A	1	40	6	10.0	12/240
41150R	C61R / 50A	1	50	6	10.0	12/240
41163R	C61R / 63A	1	63	6	10.0	12/240

2P MINIATURE CIRCUIT BREAKERS C62R RESIDENTIAL TYPE



AC current type

Catalogue number **Curve C**	Type	Number of poles	Rated current In (A)	Breaking capacity (kA)	Recommended conductor (mm^2)	Packing/Box (pcs)
41206R	C62R / 6A	2	6	6	1.0	6/120
41210R	C62R / 10A	2	10	6	1.5	6/120
41216R	C62R / 16A	2	16	6	2.5	6/120
41220R	C62R / 20A	2	20	6	2.5	6/120
41225R	C62R / 25A	2	25	6	4.0	6/120
41232R	C62R / 32A	2	32	6	6.0	6/120
41240R	C62R / 40A	2	40	6	10.0	6/120
41250R	C62R / 50A	2	50	6	10.0	6/120
41263R	C62R / 63A	2	63	6	10.0	6/120

3P MINIATURE CIRCUIT BREAKERS C63R RESIDENTIAL TYPE



AC current type

Catalogue number **Curve C**	Type	Number of poles	Rated current In (A)	Breaking capacity (kA)	Recommended conductor (mm^2)	Packing/Box (pcs)
41306R	C63R / 6A	3	6	6	1.0	4/80
41310R	C63R / 10A	3	10	6	1.5	4/80
41316R	C63R / 16A	3	16	6	2.5	4/80
41320R	C63R / 20A	3	20	6	2.5	4/80
41325R	C63R / 25A	3	25	6	4.0	4/80
41332R	C63R / 32A	3	32	6	6.0	4/80
41340R	C63R / 40A	3	40	6	10.0	4/80
41350R	C63R / 50A	3	50	6	10.0	4/80
41363R	C63R / 63A	3	63	6	10.0	4/80

12 YEARS TOTAL WARRANTY
+ 7 standard 5 extended

Scan each QR code to see product price and availability.

PRODUCED IN **ELMARK** FACTORY BULGARIA

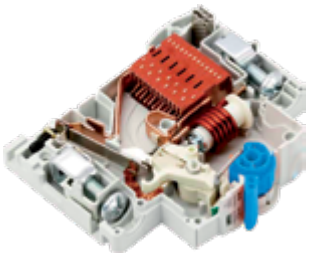
ELMARK
The Brand of Electricity

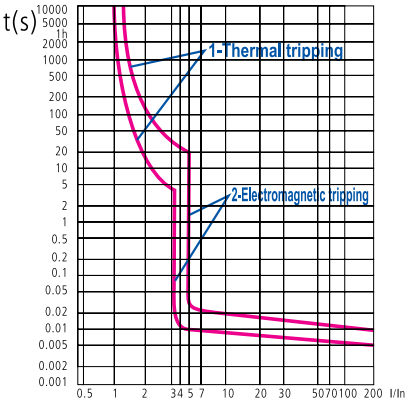
MINIATURE CIRCUIT BREAKERS SERIES C60N INDUSTRIAL TYPE

C6xN
- number of poles (1,2,3,4)
- breaking capacity in (kA)
- tripping curve C

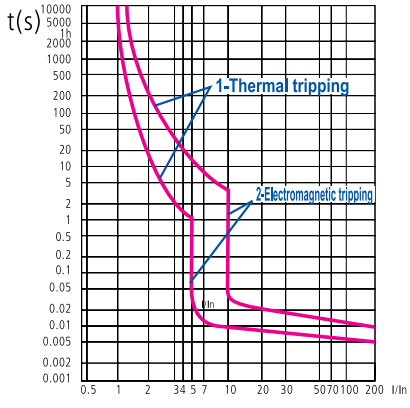
C x
- rated current in (A)
- tripping curve C,B

Documents corresponding to the product:
Standard EN60898-1





B type



C type

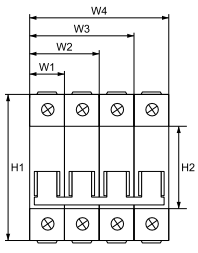
FUNCTIONS
- Protection of the electrical circuits from overload or short circuits of the outer circuit
- It can be used as a device for commutation and control of electrical circuits
- In combination with auxiliary devices it allows remote control, commutation or indication of the protected circuit
- For mounting in industrial buildings with high contamination level of the electric systems
- For mounting at a distance from the transformer post from 150 to 850 m
- Allows protection of consumers generating short circuit currents up to 6000 A

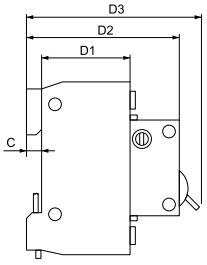
TECHNICAL DATA
- Rated voltage: 230/400V; 50/60Hz
- Breaking capacity (cycle O-CO) in accordance with standard EN 60 898-1: 6000A
- Rated breaking capacity Ics= 75% Icu
- Isolating voltage:≥2000V
- Electrical wear resistance (number of cycles): 8000
- Mechanical (number of cycles): 50000
- Class of current limiting: 3
- IP code: IP>20
- Tripping curve:
  - B – the maximum current release breaks between 3 and 5 In; used to protect long circuits and generators
  - C – the maximum current release breaks between 5 and 10 In; used to protect main power supply cables and conventional consumers
- Joining terminal: Combined screw clamp made of 1.5 cold extruded Q235-A material with additional coating
- Plastic box – nylon glass filled FR material
- Status indicator
- Box permitivity strength: >18MV/m
- Abnormal heating wear resistance and fire of the outer parts: 960°C / 3s
- Heat resistance of internal non-electrical components: 850°C / 10 s
- Maximum current release containing:
  - coil: solenoid
    - resistance: from 0.6 to 180m
    - welding effort: <150 000 N/mm
  - bimetal plate – composition: 5J158 to TB180 depending on the current
    - thickness: 0.6mm (up to 40A) and 0.8mm (up to 63A)
  - Magnetic core - composition: coldly draw-plated metal wire (1Gr18Ni9)
    - thickness: 1.15 to 2.24μm
    - drawing effort: from 200 to 400N/mm
  - contact head of the movable contact – composition: silver graphite CAg(5)
    - dimension 3x3x0.8 (up to 40A) and 4x4x0.8 (up to 63A)
  - static contact – composition: pure copper T2Y2
    - composition of the contact head: silver graphite CAg(5)
- Power supply (conducting)
  - power supply busbar 1P63, 2P63, 3P63
  - rigid conductors up to 25 mm²
  - flexible conductors up to 16 mm²
- Tightening moment: 1.33Nm

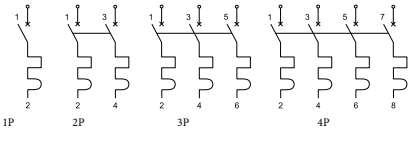
MOUNTING
- Vertical
- DIN-rail
- For mounting in housing or industrial environment without serious interference
- Ambient temperature: -5°C to + 65°C±2° C

Dimensions (mm)

C	D1	D2	D3	H1
5	50	65	72	81
H2	W1	W2	W3	W4
45	18	36	54	72







12 YEARS TOTAL WARRANTY
+ 7 standard 5 extended

Scan each QR code to see product price and availability.

1P MINIATURE CIRCUIT BREAKERS C61N INDUSTRIAL TYPE



AC current type

Catalogue number Curve C	Catalogue number Curve B	Type	Number of poles	Rated current In (A)	Breaking capacity (kA)	Recommended conductor (mm^2)	Packing/Box (pcs)
41100C	41501C	C61N / 1A	1	1	6	1.0	12/240
41102C	41502C	C61N / 2A	1	2	6	1.0	12/240
41104C	41504C	C61N / 4A	1	4	6	1.0	12/240
41106C	41506C	C61N / 6A	1	6	6	1.0	12/240
41110C	41510C	C61N / 10A	1	10	6	1.5	12/240
41116C	41516C	C61N / 16A	1	16	6	2.5	12/240
41120C	41520C	C61N / 20A	1	20	6	2.5	12/240
41125C	41525C	C61N / 25A	1	25	6	4.0	12/240
41132C	41532C	C61N / 32A	1	32	6	6.0	12/240
41140C	41540C	C61N / 40A	1	40	6	10.0	12/240
41150C	41550C	C61N / 50A	1	50	6	10.0	12/240
41163C	41563C	C61N / 63A	1	63	6	10.0	12/240

2P MINIATURE CIRCUIT BREAKERS C62N INDUSTRIAL TYPE



AC current type

Catalogue number **Curve C**	Catalogue number **Curve B**	Type	Number of poles	Rated current In (A)	Breaking capacity (kA)	Recommended conductor (mm^2)	Packing/Box (pcs)
41202C	41602C	C62N / 2A	2	2	6	1.0	6/120
41204C	41604C	C62N / 4A	2	4	6	1.0	6/120
41206C	41606C	C62N / 6A	2	6	6	1.0	6/120
41210C	41610C	C62N / 10A	2	10	6	1.5	6/120
41216C	41616C	C62N / 16A	2	16	6	2.5	6/120
41220C	41620C	C62N / 20A	2	20	6	2.5	6/120
41225C	41625C	C62N / 25A	2	25	6	4.0	6/120
41232C	41632C	C62N / 32A	2	32	6	6.0	6/120
41240C	41640C	C62N / 40A	2	40	6	10.0	6/120
41250C	41650C	C62N / 50A	2	50	6	10.0	6/120
41263C	41663C	C62N / 63A	2	63	6	10.0	6/120

12 YEARS TOTAL WARRANTY
+ 7 standard 5 extended

Scan each QR code to see product price and availability.

PRODUCED IN **ELMARK** FACTORY BULGARIA

ELMARK
The Brand of Electricity

3P MINIATURE CIRCUIT BREAKERS C63N INDUSTRIAL TYPE



AC current type

Catalogue number **Curve C**	Catalogue number **Curve B**	Type	Number of poles	Rated current In (A)	Breaking capacity (kA)	Recommended conductor (mm^2)	Packing/Box (pcs)
41302C	41702C	C63N / 2A	3	2	6	1.0	4/80
41304C	41704C	C63N / 4A	3	4	6	1.0	4/80
41306C	41706C	C63N / 6A	3	6	6	1.0	4/80
41310C	41710C	C63N / 10A	3	10	6	1.5	4/80
41316C	41716C	C63N / 16A	3	16	6	2.5	4/80
41320C	41720C	C63N / 20A	3	20	6	2.5	4/80
41325C	41725C	C63N / 25A	3	25	6	4.0	4/80
41332C	41732C	C63N / 32A	3	32	6	6.0	4/80
41340C	41740C	C63N / 40A	3	40	6	10.0	4/80
41350C	41750C	C63N / 50A	3	50	6	10.0	4/80
41363C	41763C	C63N / 63A	3	63	6	10.0	4/80

4P MINIATURE CIRCUIT BREAKERS C64N INDUSTRIAL TYPE



AC current type

Catalogue number **Curve C**	Catalogue number **Curve B**	Type	Number of poles	Rated current In (A)	Breaking capacity (kA)	Recommended conductor (mm^2)	Packing/ Box (pcs)
41402C	41802C	C64N / 2A	4	2	6	1.0	3/60
41404C	41804C	C64N / 4A	4	4	6	1.0	3/60
41406C	41806C	C64N / 6A	4	6	6	1.0	3/60
41410C	41810C	C64N / 10A	4	10	6	1.5	3/60
41416C	41816C	C64N / 16A	4	16	6	2.5	3/60
41420C	41820C	C64N / 20A	4	20	6	2.5	3/60
41425C	41825C	C64N / 25A	4	25	6	4.0	3/60
41432C	41832C	C64N / 32A	4	32	6	6.0	3/60
41440C	41840C	C64N / 40A	4	40	6	10.0	3/60
41450C	41850C	C64N / 50A	4	50	6	10.0	3/60
41463C	41863C	C64N / 63A	4	63	6	10.0	3/60

12 YEARS TOTAL WARRANTY
+ 7 standard 5 extended

Scan each QR code to see product price and availability.

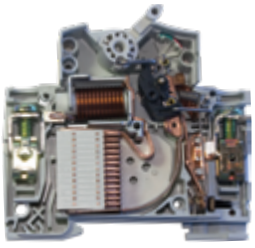
PRODUCED IN **ELMARK** FACTORY BULGARIA

MINIATURE CIRCUIT BREAKERS SERIES C100L INDUSTRIAL TYPE

C10xL
- number of poles (1,2,3)
- breaking capacity in (kA)
- tripping curve B, C

C x
- rated current in (A)
- tripping curve C, B

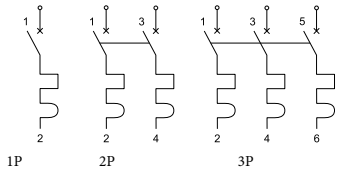
Documents corresponding to the product:
Standard EN60898-1
EN60947-2



FUNCTIONS
- Protection of the electrical circuits from overload or short circuits of the outer circuit
- It can be used as a device for commutation and control of electrical circuits
- In combination with auxiliary devices it allows remote control, commutation or indication of the protected circuit

TECHNICAL DATA
- Rated voltage: 230/400V; 50/60Hz
- Breaking capacity (cycle O-CO) in accordance with standard EN 60 898-1: 10000A
- Rated breaking capacity Ics= 75% Icu
- Isolating voltage:≥2000V, 1 min at impulse wave 1.2/50μs
- Electrical wear resistance (number of cycles):≥4000
- Mechanical wear resistance (number of cycles):≥20000
- Class of current limiting:3
- IP code: IP>20
- Tripping curve: C

MOUNTING
- Vertical
- DIN-rail
- Possibility for labeling



1P MINIATURE CIRCUIT BREAKERS C101L INDUSTRIAL TYPE



AC current type

Catalogue number Curve C	Catalogue number Curve B	Type	Number of poles	Rated current In (A)	Breaking capacity (kA)	Recommended conductor (mm^2)	Packing/Box (pcs)
41101C	41101C/B	C101L/6A	1	6	10	1.0	12/240
41103C	41103C/B	C101L/10A	1	10	10	1.5	12/240
41105C	41105C/B	C101L/16A	1	16	10	2.5	12/240
41107C	41107C/B	C101L/20A	1	20	10	2.5	12/240
41108C	41108C/B	C101L/25A	1	25	10	4.0	12/240
41109C	41109C/B	C101L/32A	1	32	10	6.0	12/240
41111C	41111C/B	C101L/40A	1	40	10	10.0	12/240
41112C	41112C/B	C101L/50A	1	50	10	10.0	12/240
41113C	41113C/B	C101L/63A	1	63	10	16.0	12/240

12 YEARS TOTAL WARRANTY
+ 7 standard 5 extended

Scan each QR code to see product price and availability.

PRODUCED IN **ELMARK** FACTORY BULGARIA

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12 YEARS TOTAL WARRANTY
+ 7 standard 5 extended

2P MINIATURE CIRCUIT BREAKERS C102L INDUSTRIAL TYPE



AC current type

Catalogue number Curve C	Catalogue number Curve B	Type	Number of poles	Rated current In (A)	Breaking capacity (kA)	Recommended conductor (mm^2)	Packing/ Box (pcs)
41201C	41201C/B	C102L/6A	2	6	10	1.0	6/120
41203C	41203C/B	C102L/10A	2	10	10	1.5	6/120
41205C	41205C/B	C102L/16A	2	16	10	2.5	6/120
41207C	41207C/B	C102L/20A	2	20	10	2.5	6/120
41208C	41208C/B	C102L/25A	2	25	10	4.0	6/120
41209C	41209C/B	C102L/32A	2	32	10	6.0	6/120
41211C	41211C/B	C102L/40A	2	40	10	10.0	6/120
41212C	41212C/B	C102L/50A	2	50	10	10.0	6/120
41213C	41213C/B	C102L/63A	2	63	10	16.0	6/120

3P MINIATURE CIRCUIT BREAKERS C103L INDUSTRIAL TYPE



AC current type

Catalogue number Curve C	Catalogue number Curve B	Type	Number of poles	Rated current In (A)	Breaking capacity (kA)	Recommended conductor (mm^2)	Packing/ Box (pcs)
41301C	41301C/B	C103L/6A	3	6	10	1.0	4/80
41303C	41303C/B	C103L/10A	3	10	10	1.5	4/80
41305C	41305C/B	C103L/16A	3	16	10	2.5	4/80
41307C	41307C/B	C103L/20A	3	20	10	2.5	4/80
41308C	41308C/B	C103L/25A	3	25	10	4.0	4/80
41309C	41309C/B	C103L/32A	3	32	10	6.0	4/80
41311C	41311C/B	C103L/40A	3	40	10	10.0	4/80
41312C	41312C/B	C103L/50A	3	50	10	10.0	4/80
41313C	41313C/B	C103L/63A	3	63	10	16.0	4/80

4P MINIATURE CIRCUIT BREAKERS C104L INDUSTRIAL TYPE



AC current type

Catalogue number Curve C	Catalogue number Curve B	Type	Number of poles	Rated current In (A)	Breaking capacity (kA)	Recommended conductor (mm^2)	Packing/ Box (pcs)
41401C	41401C/B	C104L/6A	4	6	10	1.0	3/60
41403C	41403C/B	C104L/10A	4	10	10	1.5	3/60
41405C	41405C/B	C104L/16A	4	16	10	2.5	3/60
41407C	41407C/B	C104L/20A	4	20	10	2.5	3/60
41408C	41408C/B	C104L/25A	4	25	10	4.0	3/60
41409C	41409C/B	C104L/32A	4	32	10	6.0	3/60
41411C	41411C/B	C104L/40A	4	40	10	10.0	3/60
41412C	41412C/B	C104L/50A	4	50	10	10.0	3/60
41413C	41413C/B	C104L/63A	4	63	10	16.0	3/60

Scan each QR code to see product price and availability.

MINIATURE CIRCUIT BREAKERS DP1N (1P + E) RESIDENTIAL TYPE



AC current type

FUNCTIONS
- Protection of the electrical circuits from overload or short circuit of the outer circuit
- It can be used as a device for commutation and control of electrical circuits
- It breaks simultaneously the lead and the neutral conductor as the heat protection is only at the lead conductor

TECHNICAL DATA
- Rated voltage: 230V; 50/60Hz
- Breaking capacity (cycle O-CO) in accordance with standard EN 60 898-1: 4500 A
- Rated breaking capacity Ics = 50% Icu
- Insulating voltage: ≥2000V
- Tripping curve: C – the maximum current release breaks between 5 and 10 In; used to protect main power supply
- Cables and conventional consumers

CONNECTING
- Joining terminal: flat (tunnel) screw terminal
- Power supply (conducting):
  - power supply busbar DP1N
  - flexible or rigid conductor
- Mounting: on DIN-rail

Catalogue number Curve C	Type	Number of poles	Rated current In (A)	Breaking capacity (kA)	Recommended conductor (mm^2)	Packing/Box (pcs)
41006C	DP1N/6	1P+N	6	4.5	1.0	12/240
41010C	DP1N/10	1P+N	10	4.5	1.5	12/240
41016C	DP1N/16	1P+N	16	4.5	2.5	12/240
41020C	DP1N/20	1P+N	20	4.5	2.5	12/240
41025C	DP1N/25	1P+N	25	4.5	4.0	12/240
41032C	DP1N/32	1P+N	32	4.5	6.0	12/240

7 YEARS TOTAL WARRANTY
7 standard + 0 extended

Scan each QR code to see product price and availability.

PRODUCED IN **ELMARK** FACTORY BULGARIA

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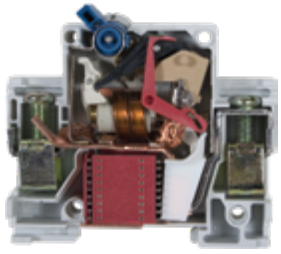
MINIATURE CIRCUIT BREAKERS SERIES C100M INDUSTRIAL TYPE

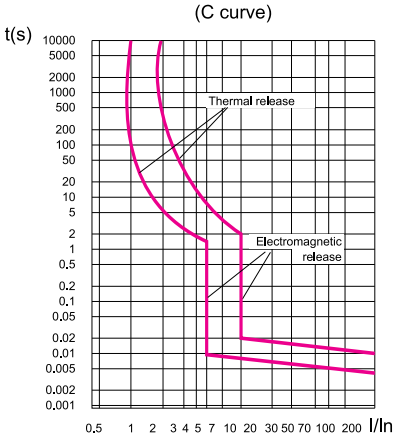
C100M — constructive series
└ number of poles (1;2;3;4)

D x — rated current
└ tripping curve C, D, B

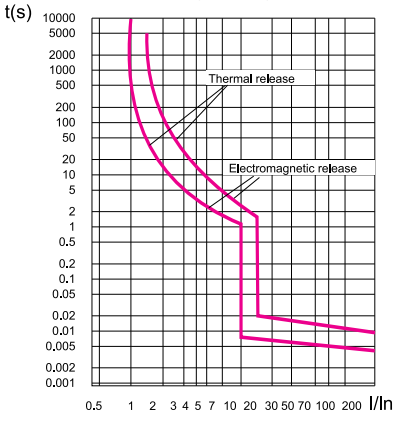
Documents corresponding to the product:
Standard EN60898-1
EN 60947-2



(C curve)



(D curve)



FUNCTIONS

- Protection of the electrical circuits from overload or short circuits of the outer circuit
- It can be used as a device for commutation and control of electrical circuits
- In combination with auxiliary devices it allows remote control, commutation or indication of the protected circuit

TECHNICAL DATA

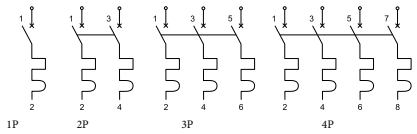
- Rated voltage: 230/400V; 50/60Hz
- Breaking capacity (cycle O-CO) in accordance with standard EN 60 898-1: 10000A
- Rated breaking capacity Ics= 75% Icu
- Isolating volatage:≥2000V
- Electrical wear resistance (number of cycles):≥4000
- Mechanical wear resistance (number of cycles):≥20000
- Class of current limiting:3
- IP code: IP>20
- Tripping curve: C,D
- Joining terminal: flat (tunnel) screw terminal with composition 1.5 coldly draw-plated plane Q235 – A
- Plastic box – not keeping the burning material nylon PA66, UV rays wear resistance
- Box permitivity strength: >18MV/m
- Abnormal heating wear resistance and fire of the outer parts: 960°C / 3s
- Maximum current release containing:
  - copper coil - composition: pure copper T2 type
    - resistance: from 148 to 230m
    - welding effort: <400 N/mm2
  - bimetal plate – composition: TB180/0.5
    - thickness: 0.8mm
  - magnetic core – composition: coldly draw-plated metal wire (1Gr18Ni9)
    - thickness: 1.15 to 2.24μm
    - drawing effort: 20N/mm²
  - contact head of the movable contact – composition: silver graphite CAg(5)
    - dimension 6x6x1
  - static contact – composition: pure copper T2Y2
    - composition of the contact head: silver graphite CAg(5)
- Power supply (conducting)
  - power supply busbar
  - rigid conductors up to 50 mm²
  - rigid conductors up to 50 mm²
- Tightening moment:1.33Nm

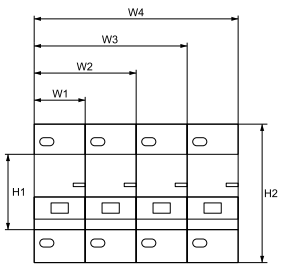
MOUNTING

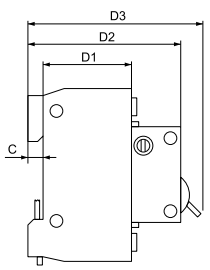
- Vertical
- DIN-rail
- Possibility for labeling
- For mounting in industrial environment
- Ambient temperature: -5°C to + 65°C±2° C

Dimensions (mm)

C	D1	D2	D3	H1
5	50	65	74	45
H2	W1	W2	W3	W4
81	27	54	81	108







12 YEARS TOTAL WARRANTY
+ 7 standard
5 extended

Scan each QR code to see product price and availability.

1P MINIATURE CIRCUIT BREAKERS C100M INDUSTRIAL TYPE



AC current type

Catalogue number **Curve C**	Catalogue number **Curve B**	Catalogue number **Curve D**	Type	Number of poles	Rated current In (A)	Breaking capacity (kA)	Packing/Box (pcs)
41180	41180B	41180D	C100M	1	80	10	9/180
41190	41190B	41190D	C100M	1	100	10	9/180
41195	41195B	41195D	C100M	1	125	10	9/180

2P MINIATURE CIRCUIT BREAKERS C100M INDUSTRIAL TYPE



AC current type

Catalogue number **Curve C**	Catalogue number **Curve B**	Catalogue number **Curve D**	Type	Number of poles	Rated current In (A)	Breaking capacity (kA)	Packing/Box (pcs)
41280	41282	41281	C100M	2	80	10	6/120
41290	41292	41291	C100M	2	100	10	6/120

3P MINIATURE CIRCUIT BREAKERS C100M INDUSTRIAL TYPE



AC current type

Catalogue number **Curve C**	Catalogue number **Curve B**	Catalogue number **Curve D**	Type	Number of poles	Rated current In (A)	Breaking capacity (kA)	Packing/Box (pcs)
41380	41382	41381	C100M	3	80	10	4/60
41390	41392	41391	C100M	3	100	10	4/60

4P MINIATURE CIRCUIT BREAKERS C100M INDUSTRIAL TYPE



AC current type

Catalogue number **Curve C**	Catalogue number **Curve B**	Catalogue number **Curve D**	Type	Number of poles	Rated current In (A)	Breaking capacity (kA)	Packing/Box (pcs)
41480	41482	41481	C100M	4	80	10	3/60
41490	41492	41491	C100M	4	100	10	3/60

12 YEARS TOTAL WARRANTY
+ 7 standard 5 extended

Scan each QR code to see product price and availability.

PRODUCED IN **ELMARK**
FACTORY BULGARIA

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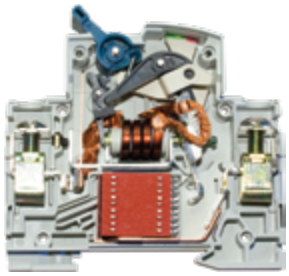
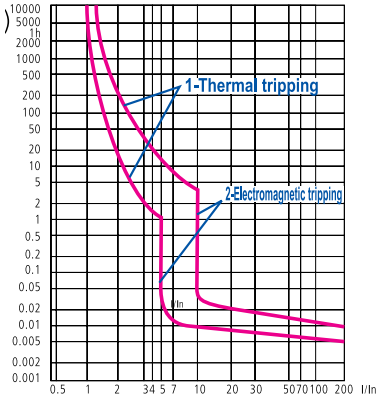
DC MINIATURE CIRCUIT BREAKERS (MCB) INDUSTRIAL TYPE

C6xDC
- number of poles (1,2)
- breaking capacity in (kA)
- tripping curve C

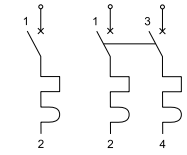
C x
- rated current in (A)
- tripping curve C

Documents corresponding to the product:
Standard EN60898-1
EN60898-2





C type



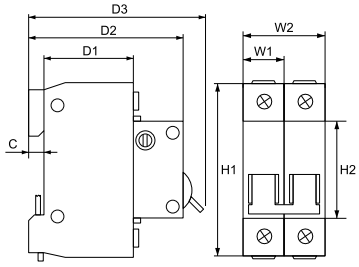
1P 2P

MINIATURE CIRCUIT BREAKERS C60DC

FUNCTIONS
- For lowering constant current voltaic arc and use of the breaker at constant current consumer protection
- Protection of the electrical circuits from overload or short circuit of the outer circuit at alternating current and constant current power supply circuits
- For commutation and control of electrical circuits
- In combination with auxiliary alternating current devices for remote control, commutation or indication of the protected circuit
- For mounting in industrial buildings
- For protection of consumers generating short circuit currents to 6000 A at alternating current power supply

TECHNICAL DATA
- Rated voltage: 240V; AC/DC
- Breaking capacity (cycle O -CO) in accordance with standard EN 60 898- 1: 6000A
- Rated breaking capacity Ics=75% Icu
- Insulating voltage: ≥2000V
- Electrical wear resistance (number of cycles): ≥4000
- Mechanical wear resistance (number of cycles): ≥20000
- Class of current limiting: 3
- IP code: IP>20
- Tripping curve: C – the maximum current release breaks between 5 and 10 In; used to protect power supply cables and conventional consumers
- Joining terminal: flat (tunnel) screw terminal with composition 1.5 coldly draw-plated plane Q235– A
- Plastic box – nylon glass filled FR material
- Box permitivity strength: >18MV/m
- Abnormal heating wear resistance and fire of the outer parts: 960°C / 3s
- Maximum current release containing:
  - Coil: solenoid
    - resistance: from 0.6 to 180m
    - welding effort: <150 000 N/mm²
  - bimetal plate – composition: 5J158 to TB180 according to the current
    - thickness: 0.6mm (up to 40A) and 0.8mm (up to 63A)
  - magnetic core – composition: coldly draw-plated metal wire (1Gr18Ni9)
    - thickness: 1.15 to 2.24µm
    - drawing effort: from 200 to 400N/mm
  - contact head of the movable contact – composition: silver graphite CAg(5)
    - dimension 3x3x0.8 (up to 40A) and 4x4x0.8 (up to 63A)
  - static contact – composition: pure copper T2Y2
    - composition of the contact head: silver graphite CAg(5)
  - metal magnetic plate for lowering the constant current arc
- Conducting:
  - power supply busbar 1P63, 2P63
  - rigid conductors up to 25 mm²
  - flexible conductors up to 16 mm²
- Tightening moment:1.33Nm

MOUNTING
- Vertical
- DIN-rail
- For mounting in housing or industrial environment without serious current interference
- Ambient temperature: -5°C to + 65°C±2° C



Dimensions (mm)

C	D1	D2	D3
5	49	65	72
H1	H2	W1	W2
78	45	18	36

7 YEARS TOTAL WARRANTY
7 standard + 0 extended

Scan each QR code to see product price and availability.

1P MINIATURE CIRCUIT BREAKERS C61DC INDUSTRIAL TYPE



DC curent type

Catalogue number	Type	Number of poles	Rated current In (A)	Breaking capacity (kA)	Recommended conductor (mm^2)	Packing/Box (pcs)
41164C	C61DC / 1A	1	1	6	1.0	12/240
41165C	C61DC / 2A	1	2	6	1.0	12/240
41166C	C61DC / 4A	1	4	6	1.0	12/240
41167C	C61DC / 6A	1	6	6	1.0	12/240
41168C	C61DC / 10A	1	10	6	1.5	12/240
41169C	C61DC / 16A	1	16	6	2.5	12/240
41170C	C61DC / 20A	1	20	6	2.5	12/240
41171C	C61DC / 25A	1	25	6	4.0	12/240
41172C	C61DC / 32A	1	32	6	6.0	12/240
41173C	C61DC / 40A	1	40	6	10.0	12/240
41174C	C61DC / 50A	1	50	6	10.0	12/240
41175C	C61DC / 63A	1	63	6	10.0	12/240

2P MINIATURE CIRCUIT BREAKERS C62DC INDUSTRIAL TYPE



DC curent type

Catalogue number	Type	Number of poles	Rated current In (A)	Breaking capacity (kA)	Recommended conductor (mm^2)	Packing/Box (pcs)
41176C	C62DC / 2A	2	2	6	1.0	6/120
41177C	C62DC / 4A	2	4	6	1.0	6/120
41178C	C62DC / 6A	2	6	6	1.0	6/120
41179C	C62DC / 10A	2	10	6	1.5	6/120
41181C	C62DC / 16A	2	16	6	2.5	6/120
41182C	C62DC / 20A	2	20	6	2.5	6/120
41183C	C62DC / 25A	2	25	6	4.0	6/120

7 YEARS TOTAL WARRANTY
+ 7 standard
0 extended

Scan each QR code to see product price and availability.

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Documents corresponding to the product:
Standard IEC60947-2

MINIATURE CIRCUIT BREAKERS (MCB) C60DC PV 500V DC INDUSTRIAL TYPE

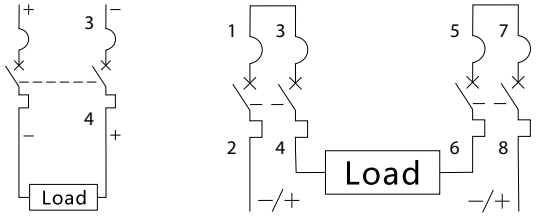
MINIATURE CIRCUIT BREAKERS (MCB) C60DC PV the rated working voltage of DC circuit breakers specially used in photovoltage can be as high as DC 1000V. The special arc extinguishing and current limiting system can quickly disconnect the fault current of the DC power distribution system. The photovoltage module, an important component in solar power system, can avoid damage from high DC reverse current and AC feedback current caused by the inverter failure, ensuring a reliable operation of solar PV system.

FUNCTIONS
- Disconnection the fault current of the DC power distribution system trough are extinguishing and current limiting system.
- Protection from high DC reverse current and AC feedback current caused by the inverter failure, ensuring a reliable operation of solar PV system.
- Responsible protection of high cost components in PV system.
- Covers all common PV system voltages and currents.

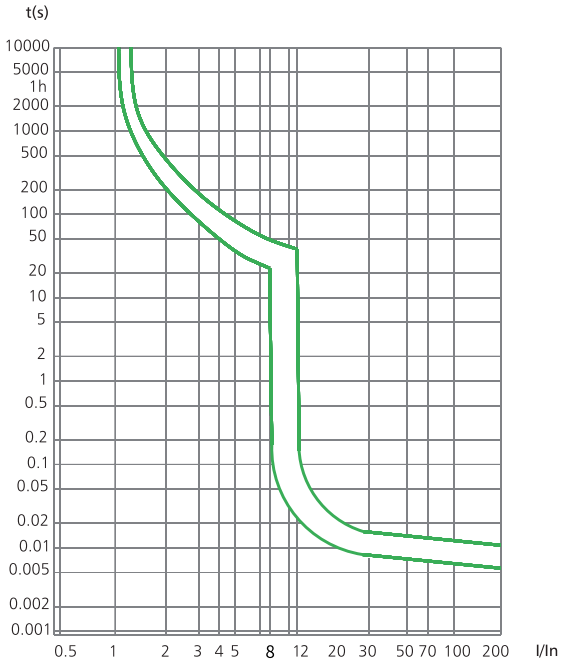
TECHNICAL DATA
- Rated voltage: 2P(500V); 4P(1000V)
- Breaking capacity (cycle O -CO) in accordance with standard EN 60 898- 1: 6000A
- Tripping curve: C
- Rated impulse withstands voltage (1.5/50) Uimp: 4000V
- Dielectric test voltage at ind. Freq. for 1 min: 2kV
- Electrical wear resistance (number of cycles): ≥4000
- Mechanical wear resistance (number of cycles): ≥10000
- Pollution degree: 2
- Contact position indicator: Yes
- IP code: IP>20
- Terminal connection type:
- Cable
- Pin-type busbar
- U-type busbar
- Terminal size top/bottom for cable: 25mm²
- Terminal size top/bottom for busbar: 25mm²
- Tightening torque: 2.5Nm

MOUNTING
- Vertical
- DIN-rail
- For mounting in housing or industrial environment without serious current interference
- Ambient temperature: -5° C to + 65°C±2° C
- Daily temperature average: ≤35° C

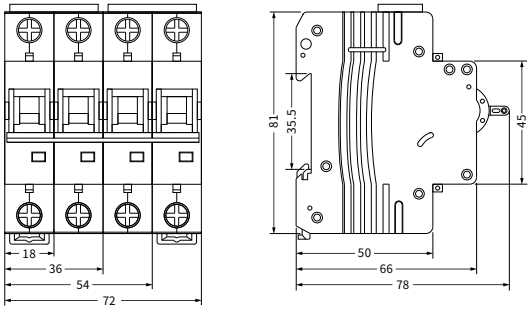
Circuit Diagram



Characteristics Curves



Overall and Installation Dimension(mm)



7 YEARS TOTAL WARRANTY
+ 7 standard
0 extended

Scan each QR code to see product price and availability.

2P MINIATURE CIRCUIT BREAKERS (MCB) C62DC PV 500V DC INDUSTRIAL TYPE



DC curent type

Catalogue number	Type	Number of poles	Rated current In (A)	Breaking capacity (kA)	Recommended conductor (mm^2)	Packing/Box (pcs)
41264	C62DC PV/6A	2	6	6	4.0	1/6/90
41265	C62DC PV/10A	2	10	6	4.0	1/6/90
41266	C62DC PV/13A	2	13	6	4.0	1/6/90
41267	C62DC PV/16A	2	16	6	4.0	1/6/90
41268	C62DC PV/20A	2	20	6	6.0	1/6/90
41269	C62DC PV/25A	2	25	6	6.0	1/6/90
41270	C62DC PV/32A	2	32	6	10.0	1/6/90
41271	C62DC PV/40A	2	40	6	10.0	1/6/90
41272	C62DC PV/50A	2	50	6	16.0	1/6/90
41273	C62DC PV/63A	2	63	6	25.0	1/6/90

4P MINIATURE CIRCUIT BREAKERS (MCB) C64DC PV 1000V DC INDUSTRIAL TYPE



DC curent type

Catalogue number	Type	Number of poles	Rated current In (A)	Breaking capacity (kA)	Recommended conductor (mm^2)	Packing/Box (pcs)
41564	C64DC PV/6A	4	6	6	4.0	1/3/45
41565	C64DC PV/10A	4	10	6	4.0	1/3/45
41566	C64DC PV/13A	4	13	6	4.0	1/3/45
41567	C64DC PV/16A	4	16	6	4.0	1/3/45
41568	C64DC PV/20A	4	20	6	6.0	1/3/45
41569	C64DC PV/25A	4	25	6	6.0	1/3/45
41570	C64DC PV/32A	4	32	6	10.0	1/3/45
41571	C64DC PV/40A	4	40	6	10.0	1/3/45
41572	C64DC PV/50A	4	50	6	16.0	1/3/45
41573	C64DC PV/63A	4	63	6	25.0	1/3/45

7 YEARS TOTAL WARRANTY
+ 7 standard
0 extended

Scan each QR code to see product price and availability.

VOLTAGE REGULATORS



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SINGLE PHASE AUTOMATIC VOLTAGE REGULATORS EL-DVR SERIES



TECHNICAL DATA
- Input voltage: 80-280V
- Output voltage: 110-120V & 220-240V±8%
- Frequency: 50/60HZ
- Customize input range (60V min.)
- Response time: ≤60mS
- Efficiency: 90%
- Working temperature: from -5°C to +40°C
- Mounting: Surface

PROTECTION
- Overheat
- Over voltage
- Overload
- Short circuit
- Bypass function
- Relay failure detection

PRODUCT FEATURES
- MCU controlled circuit with precious output
- High efficiency toroidal transformer
- PCB programming overload protection
- Fast response time: ≤60mS
- Zero cross transfer technology integrated

Catalogue number	Model	Phase	Nominal capacity (kVA)	Actual power (kW)	Packing / Box (pcs)
44150	EL-DVR2	Singe	2	1,6	1
44151	EL-DVR5	Singe	5	4	1
44152	EL-DVR10	Singe	10	8	1
44153	EL-DVR15	Singe	15	12	1
44154	EL-DVR20	Singe	20	16	1

THREE-PHASE MOTOR TYPE VOLTAGE STABILIZER



TECHNICAL DATA
- Input voltage: 260-450V
- Output voltage: 380V
- Frequency: 50/60HZ
- Three-phase: L+L+L+N+PE
- Output overvoltage protection value: 430V±8V
- Output undervoltage protection value: 315V±8V
- Load power factor: 0,8
- Response time: ±10% change <1s
- Wave distorsion: NO
- Efficiency: ≥ 98%
- Working temperature: from -10°C to +50°C
- Mounting: Surface

Catalogue number	Model	Phase	Nominal capacity (kVa)	Actual power (kW)	Max. current (A)	Bypass function	Packing/Box (pcs)
44155	EL-TNS10	Three	10	8	14	No	1
44156	EL-TNS20	Three	20	16	28	Yes	
44157	EL-TNS30	Three	30	24	40	Yes	

Catalogue number	Dimensions (mm)		
	L	W	H
44155	345	315	775
44156	400	470	900
44157	400	470	900

5 YEARS TOTAL WARRANTY
3 standard + 2 extended

Scan each QR code to see product price and availability.

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AUXILIARY DEVICES FOR CIRCUIT BREAKERS

SINGLE-PHASE DIGITAL VOLTAGE AND CURRENT PROTECTOR



FUNCTIONS
- Under-voltage protection
- Over-voltage protection
- Over-current protection

FACTORY SETTING
- Over-voltage trip value: 270V
- Under-voltage trip value: 170V
- Over-current trip value: 63A
- Voltage power off time: 2s
- Starting delay time: 2s
- Current power off time: 2s

TECHNICAL DATA
- Operated voltage range: 80-400V AC; 50/60Hz (Single-phase)
- Rated current: 63A
- Over-voltage protection value: 230-300V AC
- Under-voltage protection value: 140-230VAC
- Over-current protection value: 1-63A
- Voltage power off time: 0-400s
- Current power off time: 0-30s
- Voltage range setting step: 1V
- Time range setting step: 1s
- Power consumption: ≤ 1.5W
- Mechanical life: 100 000
- Relative humidity: 45-90% Rh
- Altitude: up to 2000m
- Pollution level: 2 class
- Dimensions: 36x80x66mm
- Mounting: on DIN rail

Catalogue number	Type	Rated voltage	Over-voltage protection range	Under-voltage protection range	Over-current protection range	Packing/ Box (pcs)
41906	ELMARK MN4	220V AC	230-300V AC	140-230V AC	1-63A	1/100

THREE-PHASE DIGITAL VOLTAGE AND CURRENT PROTECTOR



FUNCTIONS
- Under-voltage protection
- Over-voltage protection
- Over-current protection

FACTORY SETTING
- Over-voltage trip value: 420V
- Under-voltage trip value: 210V
- Over-current trip value: 63A
- Voltage power off time: 2s
- Starting delay time: 2s
- Current power off time: 2s

TECHNICAL DATA
- Operated voltage range: 140-500V AC; 50/60Hz (Three-phase)
- Rated current: 63A
- Over-voltage protection value: 390-500V AC
- Under-voltage protection value: 140-370VAC
- Over-current protection value: 1-63A
- Voltage power off time: 0-400s
- Current power off time: 0-30s
- Voltage range setting step: 1V
- Time range setting step: 1s
- Power consumption: ≤ 1.5W
- Mechanical life: 100 000
- Relative humidity: 45-90% Rh
- Altitude: up to 2000m
- Pollution level: 2 class
- Dimensions: 72x80x66mm
- Mounting: on DIN rail

Catalogue number	Type	Rated voltage	Over-voltage protection range	Under-voltage protection range	Over-current protection range	Packing/ Box (pcs)
41907	ELMARK MN4	400V AC	390-500V AC	140-370V AC	1-63A	1/50

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

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Documents corresponding to the product:
EN 60255-1; IEC60947-5-1

SINGLE POLE MONITORING VOLTAGE RELAY MN1



FUNCTIONS
- Protect electrical equipment from over & under voltage
- Voltage measurement accuracy <1%
- Relay status is indicated by LED

TECHNICAL DATA
- Rated voltage: 220V AC; 50/60Hz
- Hysteresis: 0-20% adjustable
- Time delay: 0.1-10s adjustable
- Reset time: 0.2 sec max
- Current ratting: 3A/AC-15
- Mechanical life: $1X10^7$
- Electrical life: $1X10^5$
- Ambient temperature: -10C°/+55C°
- Dimensions: 90x18x64mm
- Mounting: on DIN rail

Catalogue number	Type	Rated voltage	Hysteresis	Packing/Box (pcs)
41900	ELMARK MN1	220V AC	0-20% adjustable	12/240

Documents corresponding to the product:
EN 60255-1; IEC60947-5-1

THREE POLE MONITORING VOLTAGE RELAY MN3



FUNCTIONS
- Protect electrical equipment from over & under voltage
- Voltage measurement accuracy <1%
- Relay status is indicated by LED

TECHNICAL DATA
- Rated voltage: 415V AC; 50/60Hz
- Hysteresis: 0-20% adjustable
- Time delay: 0.1-10s adjustable
- Reset time: 0.2 sec max
- Current ratting: 3A/AC-15
- Mechanical life: $1X10^7$
- Electrical life: $1X10^5$
- Ambient temperature: -10C°/+55C°
- Dimensions: 90x18x64mm
- Mounting: on DIN rail

Catalogue number	Type	Rated voltage	Hysteresis	Packing/Box (pcs)
41927	ELMARK MN3	415V AC	0-20% adjustable	12/240

7 YEARS TOTAL WARRANTY
7 standard
0 extended

Scan each QR code to see product price and availability.

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TUYA WI-FI SMART METERING VOLTAGE PROTECTION RELAY SWITCH 40A, EL-TWE1

EL-TWE1 Series Smart Protection Switch integrates multiple circuit protection functions such as over-voltage, under-voltage, over-current, etc., and is equipped with a timing function, designed for current working environments up to 63A.
Users can remotely control the switch status, monitor electrical parameters such as voltage, current, power in real time, and set corresponding protection thresholds.
EL-TWE1 is easy to install and operate and is widely used in homes and industrial places.

TECHNICAL DATA

- Operating voltage range: 90-265V
- Rated operating current: 1 - 40A
- Poles: 1P+N, N pole on the left
- Communication method: Wi-Fi (Tuya)
- Control type: Remote
- Over-voltage range: 230V-265V (default: 265V)
- Over-voltage recovery range: Automatically reduces 5V based on over voltage protection value
- Under-voltage range: 100V~210V (default:160V)
- Automatically increases 5V based on under voltage protection value
- Over-current adjustable range: 1A-40A (default: 40A)
- Ambient temperature: from -25°C to 70°C
- Humidity: Max. 95%
- Sizes (LxHxD) mm: 18 x 85 x 65.5mm

PRODUCT FEATURES

- Remote Control: Manage your switch from anywhere using the Tuya app.
- Timing Functions: Set schedules, countdowns, and cycle timings for automated control.
- Energy Metering: Monitor power consumption statistics in real-time.
- Adjustable Current Rating: Customizable from 1A to 40A via the app.
- Multiple Protection Features: Includes over-current, under-voltage and over/under-voltage protection.
- Wide Voltage Range: Operates from AC 90V to 265V.
- Easy Installation: Standard DIN rail mounting for quick setup.

Catalogue number	Model	Over-voltage protection range	Under-voltage protection range	Over-current protection range	Packing/Box (pcs)
41899	EL-TWE1	230-265V AC	100-210V AC	1-40A	1

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

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TUYA WI-FI SMART METERING VOLTAGE PROTECTION RELAY SWITCH 63A, EL-TWE3

EL-TWE3 Smart Protection Switch combines multiple circuit protection functions, including over-voltage, under-voltage and over current.

It is designed for current working environments up to 63A. The Wi-Fi allows for remote control of the switch status via smartphone and enables real-time monitoring of electrical parameters such as voltage, current and power using the Tuya app. Users can also set the thresholds of the main electrical parameters through the front panel of the device or the smartphone app.

EL-TWE3 Smart Switch is widely used in both home and industrial settings due to its easy installation and user-friendly operation and can be wired to any existing distribution board.

TECHNICAL DATA

- Operating voltage range: 90-265V
- Rated operating current: 1 - 63A
- Poles: 1P+N, N pole on the left
- Display type: LCD
- Screen OFF: No operation for 60 seconds
- Communication method: Wi-Fi (Tuya)
- Control type: Remote & manual
- Over-voltage range: 230V~300V (default: 280V)
- Over-voltage recovery range: 225V~295V (default: 275V)
- Over-voltage tripping time: 5s~600s (default: 60s)
- Over-voltage recovery delay time: 5s~600s (default: 60s)
- Under-voltage range: 100V~210V (default: 115V)
- Under-voltage recovery range: 100V~215V (default: 120V)
- Under-voltage tripping time: 5s~600s (default: 60s)
- Under-voltage recovery delay time: 5s~600s (default: 60s)
- Over-current adjustable range: 1A-63A (default: 63A)
- Over-current tripping time: 5s~600s (default: 60s)
- Over-current recovery delay time: 5s~600s (default: 60s)
- Ambient temperature: from -25°C to 70°C
- Humidity: Max. 95%
- Sizes (LxHxD) mm: 36 x 85 x 65.5 mm

DISPLAY DATA

- Real-time voltage
- Real-time current
- Real-time power
- Switch state
- Network status

PRODUCT FEATURES

- Integrated Protection: Combines over-voltage, under-voltage and over-current protection in one device.
- High Current Capacity: Suitable for environments with working currents up to 63A.
- Remote Control: Wi-Fi-enabled model allows for remote on/off control via smartphone.
- Real-time Monitoring: Uses the Tuya app to monitor voltage, current, and power in real-time.
- Adjustable Parameters: Thresholds for main electrical parameters can be set via the device's front panel or smartphone app.
- Metering Function: Provides accurate measurement of electrical parameters.
- Timing Control: Improve energy management efficiency, enhance power safety.

Catalogue number	Model	Over-voltage protection range	Under-voltage protection range	Over-current protection range	Packing/Box (pcs)
41896	EL-TWE3	230-300V AC	100-210V AC	1-63A	1

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

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RS485 METERING VOLTAGE PROTECTION RELAY SWITCH 63A, EL-ME1

EL-ME1 Series Smart Protection Switch integrates multiple circuit protection functions such as over-voltage, under-voltage, over-current, etc., and is equipped with a timing function, designed for current working environments up to 63A.

Users can remotely control the switch status, monitor electrical parameters such as voltage, current, power in real time, and set corresponding protection thresholds.

EL-ME1 is easy to install and operate and is widely used in homes and industrial places.

TECHNICAL DATA

- Operating voltage range: 90-265V
- Rated operating current: 1 - 63A
- Poles: 1P+N, N pole on the right
- Communication method: RS485
- Control type: Remote
- Over-voltage range: 230V-300V (default: 280V)
- Over-voltage recovery range: 225V-295V (default: 275V)
- Over-voltage tripping time: 5s-600s (default: 60s)
- Over-voltage recovery delay time: 5s-600s (default: 60s)
- Under-voltage range: 100V~210V (default:115V)
- Under-voltage recovery range: 100V-215V (default: 120V)
- Under-voltage tripping time: 5s-600s (default: 60s)
- Under-voltage recovery delay time: 5s-600s (default: 60s)
- Over-current adjustable range: 1-63A (default: 63A)
- Over-current tripping time: 5s-600s (default: 5s)
- Ambient temperature: from -25°C to 70°C
- Humidity: Max. 95%
- Sizes (LxHxD) mm: 36 x 98 x 65.5mm

PRODUCT FEATURES

- Integrated Protection: Combines over-voltage, under-voltage and over-current protection in one device.
- High Current Capacity: Suitable for environments with working currents up to 63A.
- Remote Control: Allows remote ON/OFF control via RS485 platform.
- Real-time Monitoring: Uses RS485 platform to monitor voltage, current, and power in real-time.
- Adjustable Parameters: Thresholds for main electrical parameters can be RS485 platform.
- Metering Function: Provides accurate measurement of electrical parameters.
- Timing Control: Improve energy management efficiency, enhance power safety.

Catalogue number	Model	Over-voltage protection range	Under-voltage protection range	Over-current protection range	Packing/Box (pcs)
41897	EL-ME1	230-300V AC	100-210V AC	1-63A	1

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA



TUYA WI-FI SMART METERING VOLTAGE PROTECTION RELAY SWITCH 63A, EL-TWE2

EL-TWE2 Series Smart Protection Switch integrates multiple circuit protection functions such as over-voltage, under-voltage, over-current, etc., and is equipped with a timing function, designed for current working environments up to 63A.

TECHNICAL DATA

- Operating voltage range: 90-265V
- Rated operating current: 1 - 63A
- Poles: 1P+N, N pole on the right
- Communication method: Wi-Fi (Tuya). Can be expand to MIJIA platform
- Control type: Remote, manual
- Over-voltage range: 230V-265V (default: 265V)
- Over-voltage recovery range: Automatically reduces 5V based on overvoltage protection value
- Under-voltage range: 140V~210V (default:160V)
- Automatically increases 5V based on undervoltage protection value
- Over-current adjustable range: 1A-63A (default: 63A)
- Ambient temperature: from -25°C to 70°C
- Humidity: Max. 95%
- Sizes (LxHxD) mm: 36 x 98 x 65.5mm

PRODUCT FEATURES

- Integrated Protection: Combines over-voltage, under-voltage, and over-current protection in one device.
- High Current Capacity: Suitable for environments with working currents up to 63A.
- Remote Control: Allows remote on/off control via the Tuya app. Can be expand to MIJIA platform
- Real-time Monitoring: Uses the Tuya app to monitor voltage, current, and power in real-time.
- Adjustable Parameters: Thresholds for main electrical parameters can be set Tuya app.
- Metering Function: Provides accurate measurement of electrical parameters.
- Timing Control: Improve energy management efficiency, enhance power safety.

Catalogue number	Model	Over-voltage protection range	Under-voltage protection range	Over-current protection range	Packing/Box (pcs)
41898	EL-TWE2	230-265V AC	140-210V AC	1-63A	1

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

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SHUNT RELEASE MX



FUNCTIONS
- Remote circuit breaker switching off at voltage feed
- Allows manual switching on of the breaker at voltage recovery
- Indication of the device's location

TECHNICAL DATA
- Rated voltage: 230V; 50/60Hz
- Isolating voltage: ≥2000V
- IP code: IP>20

CONNECTING
- Joining terminal: flat (tunnel) screw terminal
- Conductors: flexible up to 1.5mm^2
- Tightening moment: 1.33Nm
- The power supply of the release is accomplished at the outlet of the breaker

MOUNTING
- Vertical, clamps with two pins to the breaker's rivets and the executive mechanism is joined up to the switching mechanism of the breaker after dismounting the seal cover

Catalogue number	Type	Rated voltage	Type breaker	Packing/Box (pcs)
41902C	ELMARK MX 60	230V	C60	12/240

AUXILIARY CONTACT OF



FUNCTIONS
- At circuit breaker switching off it sends a signal to the control or signalization system
- Indication of the location of the auxiliary contact and the breaker

TECHNICAL DATA
- Rated voltage: 230V
- Isolating voltage: ≥2000V
- IP code: IP>20

CONNECTING
- Joining terminal: flat (tunnel) screw terminal
- Power supply (conducting): - flexible conductors up to 1.5mm²

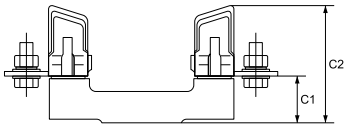
MOUNTING
- Vertical, clamps with two pins to breaker's rivets, and the executive mechanism is joined up to the switching mechanism of the breaker after dismounting the seal cover

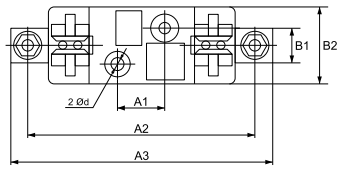
Catalogue number	Type	Rated voltage	Type breaker	Packing/Box (pcs)
41901C	ELMARK OF 60	230V	C60	12/240

7 YEARS TOTAL WARRANTY
+ 7 standard
0 extended

Scan each QR code to see product price and availability.

Documents corresponding to the product:
Standard EN 60269-1





BASES FOR HIGH POWER SAFETY DEVICES

The series bases for high power safety device is manufactured of permittivity alloy with mounted contact jaws of electrolytic copper supplied with special springs for contact compression and easy fuse links taking out. All current leading parts are connected to inlet outlet terminals with bolts; the terminals also end with bolts, to which the power supply conductors are connected. The bases are offered in five type sizes corresponding to the five types of fuse links.
Remark : Fuse bases SIST are made of resin / Remark : Fuse bases SISP are made of porcelain

Overall dimensions (mm)

Base type	A1	A2	A3	B1	B2	C1	C2	Ød
SIST00	25	100	120	-	30	25	60	7.5
SIST 0	25	150	170	-	30	37	72	7.5
SIST1	25	175	200	30	58	38	84	10.5
SIST2	25	200	225	30	60	38	100	10.5
SIST3	25	210	250	30	60	40	105	10.5



Catalogue number	Base type	Fuse link type	Rated current (A)	Rated voltage Un (V)	Weight (gr)	Packing / Box (pcs)
12001	SIST00	NT 00	up to 160	600	193	5/120



Catalogue number	Base type	Fuse link type	Rated current (A)	Rated voltage Un (V)	Weight (gr)	Packing / Box (pcs)
12010	SIST0	NT 0	up to 160	600	295	3/54



Catalogue number	Base type	Fuse link type	Rated current (A)	Rated voltage Un (V)	Weight (gr)	Packing / Box (pcs)
12100	SIST1	NT 1	up to 250	600	550	3/36



Catalogue number	Base type	Fuse link type	Rated current (A)	Rated voltage Un (V)	Weight (gr)	Packing / Box (pcs)
12200	SIST2	NT 2	up to 400	600	770	1/20



Catalogue number	Base type	Fuse link type	Rated current (A)	Rated voltage Un (V)	Weight (gr)	Packing / Box (pcs)
12300	SIST3	NT 3	up to 630	600	965	1/20

5 YEARS TOTAL WARRANTY
+ 3 standard
2 extended

Scan each QR code to see product price and availability.

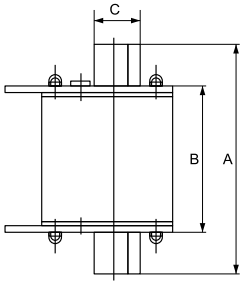
TESTED IN **ELMARK** FACTORY BULGARIA

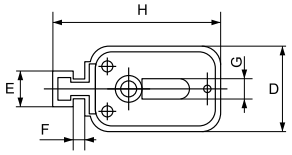
Documents corresponding to the product:
Standard EN 60269-1
EN 60269-2

FUSE LINKS FOR HIGH POWER SAFETY DEVICE

The series fuse links for high power safety devices is designed for short circuit protection. They are distinguished with high speed of operation and high reliability. The element is a ceramic (porcelain) body filled with fine quartz sand for voltaic arc lowering. In the ceramic body is mounted a fusible, specially profiled wafer connecting the current leading terminals. These terminals are manufactured of copper alloy with special nickel coating and have the form of knives to provide more contact surface. The fuse links correspond to "gL – gG" class which means that they are with common function and normal response time. NH Fuses.

TECHNICAL DATA
- Rated voltage: 500V
- Rated short circuit current: 120 kA
- IP code: IP 00
- Ambient temperature: -5 to +65°C
- Altitude: up to 2000m
- Operating class gL/gG – general purpose, line protection, slow acting.





Base type	A	B	C	D	H
NT00	78	40	15	29	56.5
NT 0	125	68	15	29	56.5
NT1	135	68	21	48	62
NT 2	150	68	27	58	72
NT 3	150	68	33	67	84.5
NT00C	78	40	15	21	56.5
NT1C	135	68	21	29	62
NT2C	150	68	33	48	84.5



Catalogue number	Type	In (A)	Un (V)	Packing / Box (pcs)
10001	NT00	16	500,600	3/90
10002	NT00	25	500,600	3/90
10003	NT00	32	500,600	3/90
10004	NT00	40	500,600	3/90
10005	NT00	50	500,600	3/90
10006	NT00	63	500,600	3/90
10008	NT00	80	500,600	3/90
10009	NT00	100	500,600	3/90
10012	NT00	125	500,600	3/90
10016	NT00	160	500,600	3 / 90

5 YEARS TOTAL WARRANTY + 3 standard 2 extended

Scan each QR code to see product price and availability.



Catalogue number	Type	In (A)	Un (V)	Packing / Box (pcs)
10015	NT0	16	500,600	3/90
10025	NT0	25	500,600	3/90
10032	NT0	32	500,600	3/90
10040	NT0	40	500,600	3/90
10050	NT0	50	500,600	3/90
10063	NT0	63	500,600	3/90
10080	NT0	80	500,600	3/90
10090	NT0	100	500,600	3/90
10092	NT0	125	500,600	3/90
10096	NT0	160	500,600	3/90



Catalogue number	Type	In (A)	Un (V)	Packing / Box (pcs)
10108	NT1	80	500,600	3/36
10110	NT1	100	500,600	3/36
10112	NT1	125	500,600	3/36
10116	NT1	160	500,600	3/36
10120	NT1	200	500,600	3/36
10122	NT1	225	500,600	3/36
10125	NT1	250	500,600	3/36



Catalogue number	Type	In (A)	Un (V)	Packing / Box (pcs)
10216	NT2	160	500,600	1/24
10220	NT2	200	500,600	1/24
10225	NT2	250	500,600	1/24
10231	NT2	315	500,600	1/24
10240	NT2	400	500,600	1/24



Catalogue number	Type	In (A)	Un (V)	Packing / Box (pcs)
10350	NT3	500	500,600	1/24
10363	NT3	630	500,600	1/24

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

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Catalogue number	Type	In (A)	Un (V)	Packing / Box (pcs)
10001C	NT00C	16	500,600	3/120
10002C	NT00C	25	500,600	3/120
10003C	NT00C	32	500,600	3/120
10004C	NT00C	40	500,600	3/120
10005C	NT00C	50	500,600	3/120
10006C	NT00C	63	500,600	3/120
10008C	NT00C	80	500,600	3/120
10009C	NT00C	100	500,600	3/120



Catalogue number	Type	In (A)	Un (V)	Packing / Box (pcs)
10108C	NT1C	80	500,600	3/54
10110C	NT1C	100	500,600	3/54
10112C	NT1C	125	500,600	3/54
10116C	NT1C	160	500,600	3/54



Catalogue number	Type	In (A)	Un (V)	Packing / Box (pcs)
10216C	NT2C	160	500,600	1/30
10220C	NT2C	200	500,600	1/30
10225C	NT2C	250	500,600	1/30

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

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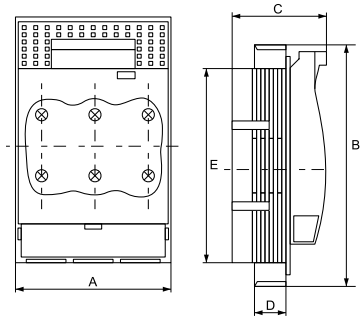
Documents corresponding to the product:
Standard EN 60947-1; EN 60947-3

ISOLATING SWITCHES

Designed in two types – horizontal and vertical. They represent a combination of low voltage isolating switch and high power safety devices mounted in a common plastic corpus. They are used for low voltage distribution boards and complete transformer substations (CTS) where visible circuit distribution is necessary. They provide safety and convenience at fuse links change. The plastic corpus increases the IP code and the plastic lid provides simultaneous circuits switching on/off. The lid allows easy removing which is additional measure at repairs. The vertical isolating switches are mounted directly to the power supply rails which enables the exploitation and improves the safety of the staff.



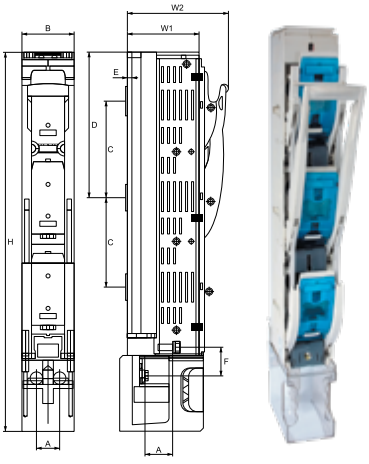
TECHNICAL DATA
- Rated voltage: 500V
- Rated short circuit current: according to the mounted fuse links
- Number of poles: 3
- Impulse voltage wear resistance: 8kV
- Mechanical wear resistance: 3000 cycles
- IP code: IP 40
- Plastic: UV rays wear resistance
- Ambient temperature: -5 to +65°C
- Altitude: up to 2000m



Overall dimensions (mm)

Base type	A	B	C	D	E
THB -160	105	160	85	45	100
THB - 250	185	220	111	66	180
THB - 400	210	260	130	88	205
THB - 630	256	270	140	94.5	245

Catalogue number	Type	In (A)	Un (V)	Fuse link size	Packing / Box (pcs)
44801	THB	160	500, 660	NT00	1/18
44802	THB	250	500, 660	NT1	1/6
44803	THB	400	500, 660	NT2	1/4
44804	THB	630	500, 660	NT3	1/4



Overall dimensions (mm)

Base type	A	B	C	D	E	F	G	H	W1	W2
HG2B	50	99	185	290	2	57	58	746	146	195

Catalogue number	Type	In (A)	Un (V)	Fuse link size	Packing / Box (pcs)
44805	HG2B	160	500, 660	NT00	1/4
44806	HG2B	250	500, 660	NT1	1/4
44807	HG2B	400	500, 660	NT2	1/4
44808	HG2B	630	500, 660	NT3	1/4

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

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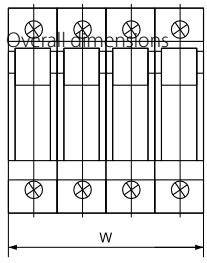
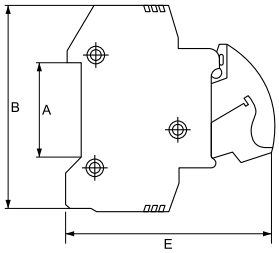
Documents corresponding to the product:
Standard EN 60269-2;
IEC269-2





SWITCH DISCONNECTORS RT18

The series of switch disconnectors are developed for short-circuit protection. They have a high speed of start and high reliability. They have a plastic body of non-flammable plastics adapted for mounting on a DIN rail, where a porcelain round plug, which is filled with fine quartz sand for extinguishing the electric arc. LED indicator is mounted on the front panel to show fuse link condition. In this ceramic body is mounted melting, specifically profiled plate, which connects the input power terminals. These terminals are produced from copper alloy with especially laid nickel layer and contact with the projecting bolts from the plastic body. There are offered two types of insertions according to the degree of quick operation: normally quickly operating ones – class "gG". Suitable for DC system.

TECHNICAL DATA
- Rated voltage: 500V
- Rated short circuit current: according to the mounted fuse links
- Number of poles: 3
- Impulse voltage wear resistance: 8kV
- Mechanical wear resistance: 3000 cycles
- IP code: IP 40
- Plastic: UV rays wear resistance
- Ambient temperature: -5 to +65°C
- Altitude: up to 2000m



Catalogue number	Base type	Number of poles	Rated current (A)	Type of the fuse	Base dimensions (mm)				Packing / Box (pcs)
					A	B	W	E	
10RT1831	1PRT18 - 32x	1P	32	xxG1038	37	82	18	78	12/240
10RT18311	1NRT18 - 32x	1P+N	32	xxG1038	37	82	36	78	6/120
10RT1832	2PRT18 - 32x	2P	32	xxG1038	37	82	36	78	6/120
10RT1833	3PRT18 - 32x	3P	32	xxG1038	37	82	54	78	4/80
10RT18331	3NRT18 - 32x	3P+N	32	xxG1038	37	82	72	78	3/60
10RT1861	1PRT18 - 63x	1P	63	xxG1451	37	105	27	110	6/108
10RT18611	1NRT18 - 63x	1P+N	63	xxG1451	37	105	54	110	6/108
10RT1862	2PRT18 - 63x	2P	63	xxG1451	37	105	54	110	6/108
10RT1863	3PRT18 - 63x	3P	63	xxG1451	37	105	81	110	6/108
10RT18631	3NRT18 - 63x	3P+N	63	xxG1451	37	105	108	110	6/108

5 YEARS TOTAL WARRANTY + 3 standard 2 extended

Scan each QR code to see product price and availability.

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FUSE FOR SWITCH DISCONNECTORS RT18



Catalogue number	Type of the fuse class gG	Voltage (V)	Rated current (A)	Size of the fuse A x ØB x C	Packing / Box (pcs)
10G10381	01G1038	500	1	38xØ10.3x10mm	10/2000
10G10382	02G1038	500	2	38xØ10.3x10mm	10/2000
10G10384	04G1038	500	4	38xØ10.3x10mm	10/2000
10G10386	06G1038	500	6	38xØ10.3x10mm	10/2000
10G103810	10G1038	500	10	38xØ10.3x10mm	10/2000
10G103816	16G1038	500	16	38xØ10.3x10mm	10/2000
10G103820	20G1038	500	20	38xØ10.3x10mm	10/2000
10G103825	25G1038	500	25	38xØ10.3x10mm	10/2000
10G103832	32G1038	500	32	38xØ10.3x10mm	10/2000
10G145140	40G1451	500	40	51xØ14.3x12mm	10/500
10G145150	50G1451	500	50	51xØ14.3x12mm	10/500
10G145163	63G1451	500	63	51xØ14.3x12mm	10/500

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

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PHOTOVOLTAGE FUSE HOLDERS



DC curent type

PHOTOVOLTAGE FUSE HOLDERS 1500V DC, 15PV14L SERIES

Photovoltaic fuse holders provide protection against short-circuits and overloads. They work with fuse till 50A and rated voltage 1500V DC.

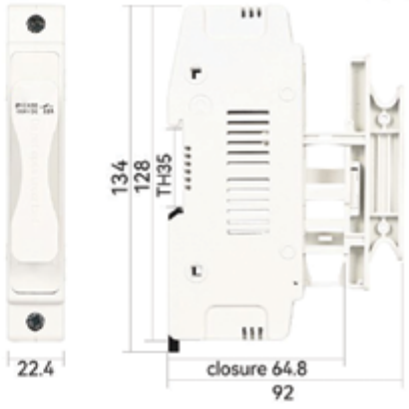
FUNCTIONS AND ADVANTAGES:

- Protection against short-circuits and over-loads.
- Easy installation and fuse removal with no additional tools required.
- Tin-plated bimetallic copper fuse clips deliver superior fatigue resistance compared to tradi-tional spring brass.
- High temperature performance thanks to venting grooves and cooling chambers that improve heat dissipation also for multiple configurations.
- Finger safety feature which ensures personnel protection during maintenance (no possibility of getting in touch with live parts during fuse replacement).

TECHNICAL DATA

- Rated Voltage: 1500V DC
- Rated Current: 50A
- Size of Fuse Link: suitable for fuse with sizes 10x85 and 14x85mm
- Class of Operation: gPV
- Mechanical Life: 500 times
- Tightening Torque: 2.5Nm
- Cable section of terminal: 10mm^2
- Mounting: on DIN rail

Catalogue number	Type	Number of poles	Rated current (A)	Base dimensions (mm)			Packing /Box (pcs)
				W	H	D	
15PV14L	PV DC	1P	50	22.4	134	92	1/5/120



5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

FUSE LINKS 1500V DC FOR PHOTOVOLTAGE FUSE HOLDERS 15PV14L SERIES

A fuse is a replaceable circuit protection device that provides protection to both the equipment and the equipment operator in the event of a circuit overload. It is commonly connected with a circuit in series, and when fault current increases to a certain value, the fuse blows out to cut off the circuit so as to fulfill an aim of protecting other equipment in the circuit. The fuse is the most commonly used component in an over current protection circuit. The traditional fuse mainly consists of two parts of a tube body, of which both ends have metal connecting terminals, and metal melts in the tube body. Solar fuses vary in a number of different ways including fuse speed, voltage and amperage rating, braking capacity and their physical size and shape.

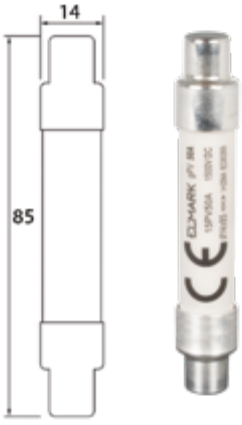
FUNCTIONS
- Protect solar power equipment against over current.
- Protect against reverse current and short circuits.

TECHNICAL DATA
- Rated voltage: 1500V DC
- Rated current: 6-50A
- Class of operation: gPV
- Breaking capacity: 20kA
- Sizes: 10x85mm and 14x85mm



DC curent type

Catalogue number	Voltage (V)	Rated current (A)	Size of the fuse (mm)	Packing/ Box (pcs)
15PV06A	1500V DC	6	10x85	1000
15PV10A	1500V DC	10	10x85	1000
15PV12A	1500V DC	12	10x85	1000
15PV16A	1500V DC	16	10x85	1000
15PV20A	1500V DC	20	10x85	1000
15PV25A	1500V DC	25	10x85	1000
15PV32A	1500V DC	32	10x85	1000



DC curent type

Catalogue number	Voltage (V)	Rated current (A)	Size of the fuse (mm)	Packing/ Box (pcs)
15PV40A	1500V DC	40	14x85	400
15PV45A	1500V DC	45	14x85	400
15PV50A	1500V DC	50	14x85	400

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

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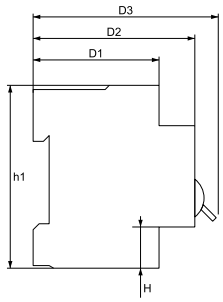
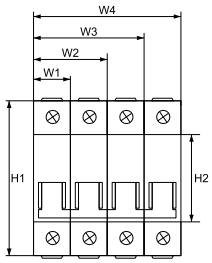
SWITCH DISCONNECTORS ISS FROM 20A TO 125A

Documents corresponding to the product:
Standard EN 60947-3 and IEC947-3

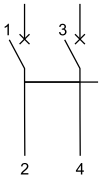












FUNCTIONS
- Switching on/off heavy loaded electrical circuits
- Breaking of electrical circuits
- Can be used as a main breaker
- It has no protective function
- Specification: CE, ROHS, BS, EN,EIC60439-3

TECHNICAL DATA
- Rated voltage: 230/400V; 50/60Hz
- Joining terminal: flat (tunnel) screw terminal
- Connecting: power supply busbar, rigid or flexible conductors
- Tightening moment: 1.33Nm
- Isolating voltage: ≥500V

Electrical wear resistance (number of cycles): ≥10000
- Mechanical wear resistance (number of cycles): ≥20000
- IP code: IP>20
- Mounting: DIN-rail
- Plastic material of UV rays
- Ambient temperature: -20°C + 65°C

Dimensions (mm)

H1	H2	D1	D2	D3	W1	W2	W3	W3
81	45	50	65	76	17.5	35	52.5	70

Catalogue number	Type	Number of poles	Rated current In (A)	Recommended conductor (mm^2)	Packing/Box (pcs)
41914	ISS	1P	40	10	12/240
41911	ISS	1P	63	16	12/240
41912	ISS	1P	80	25	12/240
41912°	ISS*	1P	80	25	12/140
41913	ISS	1P	100	35	12/240
41913°	ISS*	1P	100	35	12/240
41916	ISS	1p	125	50	12/240

*Limited stock.

Catalogue number	Type	Number of poles	Rated current In (A)	Recommended conductor (mm^2)	Packing/Box (pcs)
41924	ISS	2P	40	10	6/120
41921	ISS	2P	63	16	6/120
41922	ISS	2P	80	25	6/120
41923	ISS	2P	100	35	6/120
41925	ISS	2p	125	50	6/120

7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

Scan each QR code to see product price and availability.

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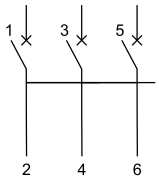
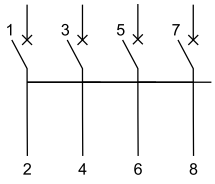


Catalogue number	Type	Number of poles	Rated current In (A)	Recommended conductor (mm^2)	Packing/Box (pcs)
41935	ISS	3P	20	2.5	4/80
41936	ISS	3P	32	6.0	4/80
41934	ISS	3P	40	10	4/80
41931	ISS	3P	63	16	4/80
41932	ISS	3P	80	25	4/80
41933	ISS	3P	100	35	4/80
41937	ISS	3p	125	50	4/80





Catalogue number	Type	Number of poles	Rated current In (A)	Recommended conductor (mm^2)	Packing/Box (pcs)
41944	ISS	4P	40	10	3 / 60
41941	ISS	4P	63	16	3 / 60
41942	ISS	4P	80	25	3 / 60
41943	ISS	4P	100	35	3 / 60
41945	ISS	4p	125	50	3 / 60



PADLOCK ADAPTER FOR MCB



The adapter makes it possible to block the operating lever whether switched ON or OF

Catalogue number	Type
41904	Padlock adaptor for MCB



7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA

ELMARK
The Brand of Electricity

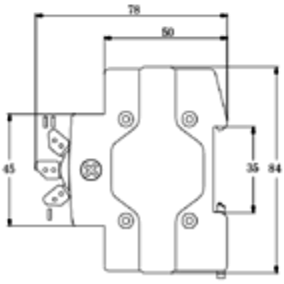
THREE POSITION CHANGEOVER SWITCH 1-0-2 ISS3 SERIES, 63A

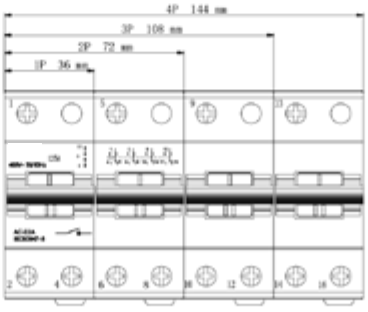
Documents corresponding to the product:
Standard IEC60947-3

A changeover switch is designed to transfer a house or business electricity from the commercial power grid to a local generator when an outage occurs also known as transfer switches, they connect directly to the generator commercial power supply or line and the house.
ISS3 can be freely switched on and off between two loads carried by a group of lines, or on two power sources.

FUNCTIONS:
- Switching on/off heavy loaded electrical circuits
- Switching between two loads or two power sources
- Breaking of electrical circuits
- Can be used as a main breaker
- It has no protective function

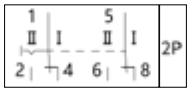
Overall and installation dimensions (mm)

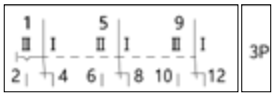


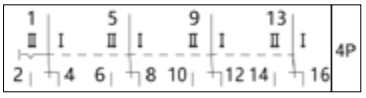


TECHNICAL DATA
- Rated operational voltage Ue: 2P 230V; 50/60Hz
- Rated operational voltage Ue: 3P/ 4P 400V; 50/60Hz
- Rated current: 63A
- Joining terminal: flat (tunnel) screw terminal
- Connecting: power supply busbar, rigid conductors till 16mm^2 or flexible conductors till 10mm^2
- Tightening moment: 1.8Nm
- Isolating voltage: 440V
- Electrical wear resistance (number of cycles): ≥25 000
- Mechanical wear resistance (number of cycles): ≥20 000
- IP code: IP>20
- Mounting: DIN-rail
- Plastic material of UV rays
- Ambient temperature: -20°C + 65°C

Circuit diagram









Three positions I-0-II

Catalogue number	Type	Number of poles	Rated current In (A)	Recommended conductor (mm^2)	Packing/Box (pcs)
41928	ISS3	2P	63	10/16	6/120
41930	ISS3	3P	63	10/16	6/120
41929	ISS3	4P	63	10/16	6/120



Three positions I-0-II

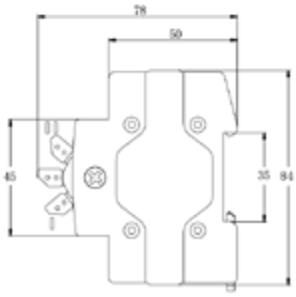
7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

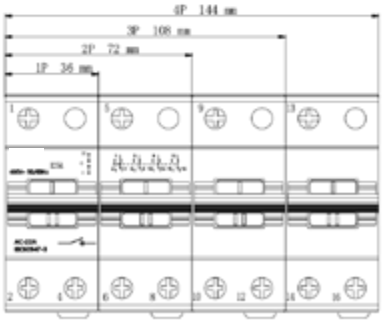
Scan each QR code to see product price and availability.

THREE POSITION CHANGEOVER SWITCH 1-0-2 ISS4 SERIES, 125A

Documents corresponding to the product:
Standard IEC60947-3

- Overall and installation dimensions (mm)



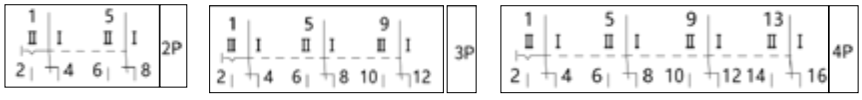


A changeover switch is designed to transfer a house or business electricity from the commercial power grid to a local generator when an outage occurs also known as transfer switches, they connect directly to the generator commercial power supply or line and the house.
ISS4 can be freely switched on and off between two loads carried by a group of lines, or on two power sources.

FUNCTIONS:
- Switching on/off heavy loaded electrical circuits
- Switching between two loads or two power sources
- Breaking of electrical circuits
- Can be used as a main breaker
- It has no protective function

TECHNICAL DATA
- Rated operational voltage Ue: 2P 240V; 50/60Hz
- Rated operational voltage Ue: 3P/ 4P 400V; 50/60Hz
- Rated current: 125A
- Joining terminal: flat (tunnel) screw terminal
- Connecting: power supply busbar, rigid or flexible conductors till 50mm2
- Electrical wear resistance (number of cycles): ≥1 500
- Mechanical wear resistance (number of cycles): ≥ 8 500
- IP code: IP>20
- Mounting: DIN-rail
- Plastic material of UV rays
- Ambient temperature: -20°C + 65°C

Circuit diagram





Three positions I-0-II

Catalogue number	Type	Number of poles	Rated current In (A)	Recommended conductor (mm^2)	Packing/Box (pcs)
41946	ISS4	2P	125	50	1/2/60
41948	ISS4	3P	125	50	1/45
41947	ISS4	4P	125	50	1/45



Three positions I-0-II

7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA

ELMARK
The Brand of Electricity

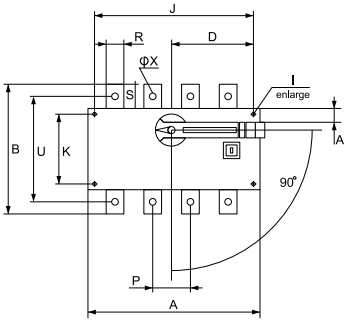
SWITCH DISCONNECTORS ISS2 FROM 125A TO 800A

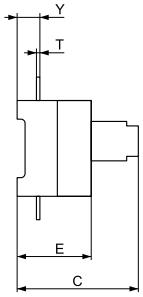
Documents corresponding to the product:
Standard EN 60947-1
EN 60947-3 and IEC 60947-6

The series three- and four-pole load switch disconnectors ISS2 xxx are produced for mounting in main electrical boards for disconnection of the circuits, switching on of generators because of the fact they are not affected by the frequency variations. High mechanical strength and resistance to circulation. Simple and secure management.

FUNCTIONS
- Switching on and off electrical circuits under load
- Disconnection of electrical circuits
- Used as main circuit-breaker
- Resistant to high voltages, to short circuits in the protected circuit
- It has no protective function

TECHNICAL DATA
- Rated voltage: not higher than 660V; 50/60Hz
- Double connector: screw connection
- Connection: solid or flexible conductors
- Insulation voltage: ≥1000V
- Resistance to impulse voltage: 8000V
- Electrical endurance (number of cycles): ≥5 000
- Mechanical endurance (number of cycles): ≥10 000
- IP code: IP>20
- Mounting method: to a surface by means of bolts
- Plastic resistant to UV rays
- Ambient temperature: -20°÷65°C





Dimensions (mm)

Type	A	B	C	D	E	J	J1	K	R	S	T	Y
ISS2-125/3	140	135	125	27	73	120	120	65	20	25	3.5	25
ISS2-125/4	170	135	125	27	73	150	150	65	20	25	3.5	25
ISS2-160/3	140	135	125	27	73	120	120	65	20	25	3.5	25
ISS2-160/4	170	135	125	27	73	150	150	65	20	25	3.5	25
ISS2-250/3	180	170	138	35	86	160	160	90	25	30	3.5	25
ISS2-250/4	230	170	138	35	86	210	210	90	25	30	3.5	25
ISS2-400/3	230	240	165	50	110	210	210	140	32	40	5	37
ISS2-400/4	295	240	165	50	110	275	275	140	32	40	5	37
ISS2-630/3	230	260	165	50	110	210	210	140	40	50	6	37
ISS2-630/4	295	260	165	50	110	275	275	140	40	50	6	37
ISS2-800/3	378	312	240	50	140	353	353	175	60	56	8	48
ISS2-800/	498	312	240	50	140	473	473	175	60	56	8	48



Catalogue number 3-pole	Catalogue number 4-pole	Type	Rated current In (A)	Max. breaking capacity Icu (A)	Tightening moment (Nm)	Packing/Box (pcs)
41951	41961	ISS2-125in	125	1250	6.5	1/12
41952	41962	ISS2-125out	125	1250	6.5	1/12
41953	41963	ISS2-160in	160	1250	6.5	1/12
41954	41964	ISS2-160out	160	1250	6.5	1/12
41955	41965	ISS2-250in	250	2000	10	1/6
41956	41966	ISS2-250out	250	2000	10	1/6
41957	41967	ISS2-400in	400	3200	14.5	1/2
41958	41968	ISS2-630in	630	4000	14.5	1/2
41959	41969	ISS2-800in	800	1000	27	1/2

Note:
ISS2-xxx in – load circuit-breaker for mounting in the interior of a board
ISS2 -xxx out – load circuit-breaker with an extended lever for mounting on the front panel of the board

7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

Scan each QR code to see product price and availability.

MANUAL SWITCHING TO RESERVE SERIES EQ 2M FROM 160A TO 800A

Documents corresponding to the product:
Standard EN 60947-1
EN 60947-3 and IEC 60947-6

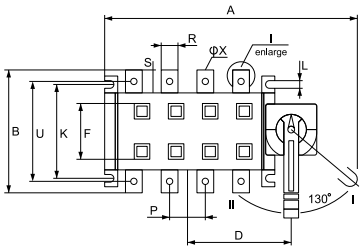
The series three- and four-pole load isolating switch EQ 2 M xxx are produced for mounting in main electrical boards for disconnection of the circuits, manual switching between two power supplies or switching ON of generators because of the fact they are not affected by the frequency variations. High mechanical strength and resistance to circulation. Simple and secure management.

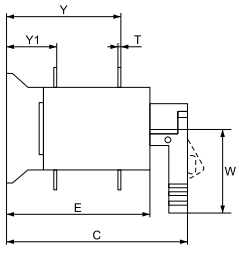
FUNCTIONS

- Switching on and off of low voltage electrical circuits under load
- Disconnection of the electrical circuit from one of the power supplies, while providing immediately switching to the other
- Used as main switch
- Resistant to high voltages, to short circuits in the protected circuit
- It has no protective function

TECHNICAL DATA

- Rated voltage: not higher than 690V; 50/60Hz
- Double connector: screw connection
- Connection: hard or flexible conductors
- Insulation voltage: ≥1000V
- Resistance to impulse voltage: 8000V
- Electrical endurance (number of cycles): ≥5 000
- Mechanical endurance (number of cycles): ≥10 000
- IP code: IP>20
- Mounting method: to a surface by means of bolts
- Plastic resistant to UV rays
- Ambient temperature: -20°÷65ºC
- Small size
- Indication which of the two supplies is operating





Dimensions (mm)

Type	A	B	C	D	E	J	J1	K	R	S	T	Y	Y1
EQ2M-160/3	270	135	212	89	150	120	65	95	20	25	3.5	55	25
EQ2M-160/4	300	135	212	104	150	150	65	95	20	25	3.5	55	25
EQ2M-250/3	307	170	260	110	180	160	65	115	25	30	3.5	70	25
EQ2M-250/4	357	170	260	135	180	210	65	115	25	30	3.5	70	25
EQ2M-400/3	372	240	297	150	236	210	77	180	32	40	5	83	37
EQ2M-400/4	432	240	297	180	236	275	77	180	32	40	5	83	37
EQ2M-630/3	372	240	297	150	236	210	77	180	40	50	6	83	37
EQ2M-630/4	432	240	297	180	236	275	77	180	40	50	6	83	37
EQ2M-8003	372	240	297	150	236	210	77	180	60	56	8	83	48
EQ2M-800/4	432	240	297	180	236	275	77	180	60	56	8	83	48



Catalogue number 3-pole	Catalogue number 4-pole	Type	Rated current In (A)	Max. breaking capacity Icu (A)	Tightening moment (Nm)	Packing/Box (pcs)
44641	44641P	EQ2M-160	160	1250	6.5	1/4
44642	44642P	EQ2M-250	250	2000	10	1/2
44643	44643P	EQ2M-400	400	3200	14.5	1/2
44644	44644P	EQ2M-630	630	4000	14.5	1/2
44645	44645P	EQ2M-800	800	1000	27	1/2

7 YEARS TOTAL WARRANTY
5 standard + 2 extended

Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA

ELMARK
The Brand of Electricity

DUAL POWER AUTOMATIC TRANSFER SWITCHES FROM GENERATOR TO MAIN ELECTRICITY



The dual power automatic transfer switch can automatically connect the standby power supply to the circuit when the main power supply fails, so as to ensure the continuous and stable operation of the power system and reduce the downtime and loss.

TECHNICAL DATA

- Insulation voltage Ui: 690V AC
- Rated voltage Ue: 400V AC
- Utilization category: 2P & 3P- AC-33iB; 4P- AC-31B
- Poles: 2P; 3P & 4P
- Electrical life: 2000 times
- Manual operation: 5000 times
- Rated short circuit current: 50kA
- Rated impulse withstand voltage: 8kV
- Operation conversion time: <50ms
- Return conversation time: <50ms
- Power OFF time: <50ms
- Mounting: On DIN rail
- Working temperature: from -5°C to +40°C
- Short- circuit and overload protection
- Under and over voltage protection
- Open-phase automatic conversation function
- Intelligent alarm function

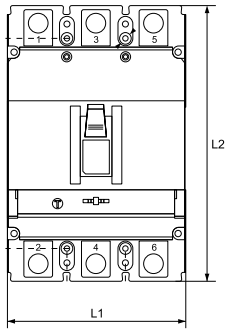
Catalogue number	Model	Number of poles	Rated current	Length (mm)	Height (mm)	Packing/Box (pcs)
44111	EL2R-2P	2P	125A	107.5	103	1
44112	EL2R-3P	3P	125A	125	103	1
44113	EL2R-3P	4P	125A	142.5	103	1

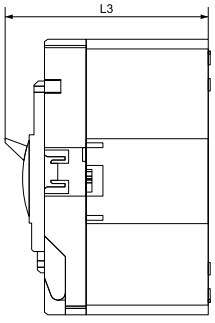
7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

Scan each QR code to see product price and availability.

HIGH BREAKING CAPACITY LEVEL MOULDED CASE CIRCUIT BREAKERS (MCCB) DS1 MAX FROM 63A... 800A

Documents corresponding to the product:
Standard EN 60947-1
EN 60947-2







FUNCTIONS

- High breaking capacity level
- Switching on/off heavy loaded electrical circuits
- Breaking of electrical circuits and control of powerful consumers
- Can be used as a main breaker in housing or industrial distributing installations
- Endures high currents of short circuit in the protected circuit
- Remarkable with high reliability of current characteristics control: manual
- Possibility for auxiliary devices mounting for automation

TECHNICAL DATA

- Isolating voltage: 2000V
- Surge voltage wear resistance: ≥8000V
- Connecting:
  - Rigid or flexible conductors
  - Front conductors joining
  - Possibility for mounting to lengthening terminal
- Plastic elements:
  - Not keeping the burning material nylon PA66
  - Box permitivity strength: >16MV/m
- Abnormal heating wear resistance and fire of the outer parts: 960°C
- Static contacts – alloy: pure copper T2Y2
  - Contact head: silver graphite CAg(5)
  - Thickness: depends on the current
- Tightening moment: 1.33Nm
- Electrical wear resistance (number of cycles): ≥10000
- Mechanical wear resistance (number of cycles): ≥20000
- IP code: IP>20
- Mounting: joining with bolts; mounting position: vertical
- Plastic material of UV rays and non-flammable
- Test button
- Ambient temperature: -20°/65°C

Overall dimensions (mm)

Type	L1	L2	L3	Type	L1	L2	L3
DS1 MAX 125/63 3P M	75	133	82	DS1 MAX 125/63 4P M	100	133	82
DS1 MAX 125/80 3PM	75	133	82	DS1 MAX 125/80 4PM	100	133	82
DS1 MAX 125/100 3P M	75	133	82	DS1 MAX 125/100 4P M	100	133	82
DS1 MAX 125/125 3P M	75	133	82	DS1 MAX 125/125 4P M	100	133	82
DS1 MAX 250/160 3P M	107	165	127	DS1 MAX 250/160 4P M	141	165	127
DS1 MAX 250/200 3P M	107	165	127	DS1 MAX 250/200 4P M	141	165	127
DS1 MAX 250/250 3P H	107	165	127	DS1 MAX 250/250 4P H	141	165	127
DS1 MAX 400/400 3P H	150	257	148	DS1 MAX 400/400 4P H	150	257	148
DS1 MAX 630/630 3P H	150	257	148	DS1 MAX 630/630 4P H	150	257	148
DS1 MAX 800/800 3P H	210	280	155	DS1 MAX 800/800 4P H	280	280	155

Catalogue number 3-poles	Catalogue number 4-poles	Type	Rated current In (A)	Operating breaking capacity (kA) Ics	Max. breaking capacity (kA) Icu		Thermal current adjustment (A)	Packing/ box (pcs)
					415V	690V		
44163MM	444163MM	DS1 MAX-125	63	25	36	20	50.4-63	1/16
44164MM	444164MM	DS1 MAX-125	80	25	36	20	64-80	1/16
44165MM	444165MM	DS1 MAX-125	100	25	36	20	80-100	1/16
44166MM	444166MM	DS1 MAX-125	125	25	36	20	100-125	1/16
44160MM	444160MM	DS1 MAX-250	160	36	50	20	125-160	1/6
44200MM	444200MM	DS1 MAX-250	200	36	50	20	160-200	1/6
44250MH	444250MH	DS1 MAX-250	250	36	50	25	200-250	1/6
44401MH	444401MH	DS1 MAX-400	400	60	85	30	320-400	1/3
44630MH	444630MH	DS1 MAX-630	630	60	85	30	504-630	1/2
44800MH	444800MH	DS1 MAX-800	800	75	100	50	640-800	1/2

12 YEARS TOTAL WARRANTY
+ 7 standard 5 extended

Scan each QR code to see product price and availability.

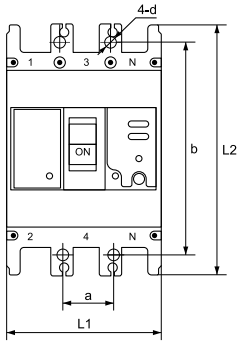
12 YEARS TOTAL WARRANTY
+ 7 standard
5 extended

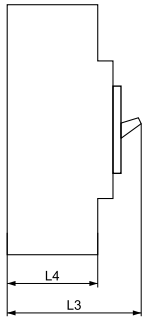
PRODUCED IN **ELMARK**
FACTORY BULGARIA

ELMARK
The Brand of Electricity

HIGH BREAKING CAPACITY LEVEL MOULDED CASE CIRCUIT BREAKERS (MCCB) DS1 MAX TO 800A-ELECTRONIC TYPE

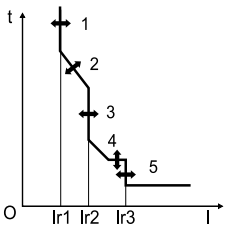
Documents corresponding to the product:
Standard EN 60947-1
EN 60947-2











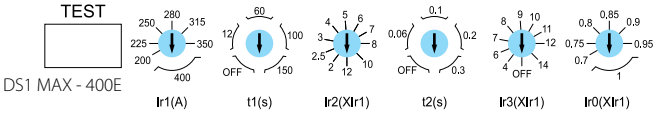
FUNCTIONS

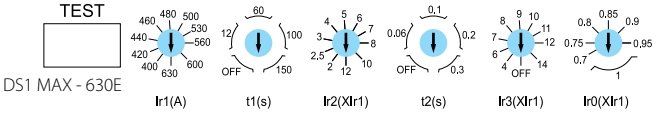
- High breaking capacity level
- Switching on/off heavy loaded electrical circuits
- Breaking of electrical circuits and control of powerful consumers
- Can be used as a main breaker in housing or industrial distributing installations
- Endures high currents of short circuit in the protected circuit
- Remarkable with high reliability of current characteristics
- Control: manual
- Possibilities for electrical module parameters adjustment through direct modules (combination of keys) thus providing accurate protection from overload and short circuit
- simultaneous protection of the three phases
- possibility for auxiliary devices mounting for automation
- contactor for TT test 15V DC

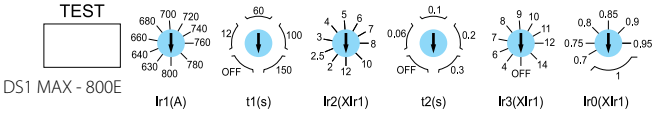
TECHNICAL DATA

- Rated operating voltage: 415/690V; 50/60Hz
- Isolating voltage: 2000V
- Surge voltage wear resistance: ≥8000V
- Joining terminal: flat (tunnel) screw terminal
- Connecting:
  - Rigid or flexible conductors
  - Front conductors joining
  - Possibility for mounting to lengthening terminal
- Electrical wear resistance (number of cycles): ≥ 10000
- Mechanical wear resistance (number of cycles): ≥ 20000
- IP code: IP>20
- Abnormal heating wear resistance and fire of the outer parts: 960°C
- Mounting:
  - Joining with bolts
  - Mounting position: vertical
- Plastic material of UV rays and non-flammable
- Test button
- Ambient temperature: -20°÷65°C

Catalogue number 3-poles	Catalogue number 4-poles	Type	Rated current In (A)	Operating breaking capacity (kA) Ics	Max. breaking capacity (kA) Icu		Thermal current adjustment (A)	Packing/ box (pcs)
					415V	690V		
44940MH	444940MH	DS1 MAX-400E	400	50	85	30	200-400	1/3
44963MH	444963MH	DS1 MAX-630E	630	50	85	30	400-630	1/2
44980MH	444980MH	DS1 MAX-800E	800	65	100	50	630-800	1/2







Tripping characteristic:
Ir1(A) Over-load long time delay tripping current
Ir1 adjustment, according to the different rated current of MCCB.
t1(s) Long time delay tripping time t1 adjustment.
Ir2(XIr1) Short circuit short time delay tripping time Ir2 adjustment.
t2(s) Short time delay tripping time t2 adjustment.
Ir3(XIr1) Short circuit instantaneous tripping current Ir3 adjustment.
Ir0(XIr1) Pre-alarm tripping current Ir0 adjustment.

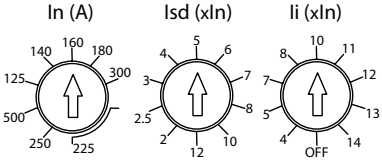
Scan each QR code to see product price and availability.

PRODUCED IN **ELMARK**
FACTORY BULGARIA

HIGH BREAKING CAPACITY LEVEL MOULDED CASE CIRCUIT BREAKERS (MCCB) DS-3E 1000 AND 1250A-ELECTRONIC TYPE

The feature discriminating electronic circuit breakers from thermal-magnetic breakers is to control the over current releases with electronic circuits. Electronic control is performed via microprocessor. During design of the electronic circuit, worst possibilities to encounter in operation have been taken into consideration. In high circuit currents, direct opening has been ensured without operating electronic circuit. Rated and Instant opening current adjustment areas of electronic circuit breakers are quite wide. This feature allows wide use opportunity to the breaker Furthermore, electronic circuit breakers are not affected by ambient temperatures.





1	9	7	5	3	1
2	10	8	6	4	2
TEST			COM		

Tripping test port (TEST):
1 Tripping test input DC12V (+)
2 Tripping test input DC12V (-)

FEATURES

- Rated operating voltage: 230/400V 50/60Hz
- Electromagnetic coil 100VA for breakers up to 400A
- Electromagnetic coil 150VA for breakers 630-800A
- Available joining conductors
- Altitude up to 2000m;
- Ambient medium temperature should be within -10°C to +55°C;
- It can withstand the effect of damp air;
- It can withstand the effect of salt fog or oil mist;
- It can withstand the effect of moulds;
- It can withstand the effect of nuclear radiation;
- The max inclination is 22.5°C.
- It still can work reliably when to normal vibration;
- It can still work reliably if the product subjects to the earthquake (4g).
- Places where the surrounding medium is free from explosion danger, and far away from gas or conductive dust that would erode the metal or destroy the insulation;
- Keep away from rain or snow.

TECHNICAL DATA

- Rated voltage: 400V AC
- Automatic relay: Electronic type
- Rated isolating voltage: 1000V
- Short-circuit breaking capacity(KA)Icu/Ics: 65/50
- Electrical life: 1000
- Mechanical life: 4000
- Pole number: 3P
- Rated current: 1000A and 1250A
- Weight: 5,7kg
- Dimension (LxHxD): 210x257x155mm

FACTORY SETTINGS:

- IR(A) Isd(x IR) Ii (x IR)
- Overload long delay setting time, factory default: 60s;
- tsd: Short-circuit short delay setting time, factory default: 0.1s;
- Ip: Overload pre-alarm setting current, factory default: 0.85*IR.

PANEL ADJUSTMENT KNOB AS FOLLOWS IN TURN:

- IR(A) Isd(x IR) Ii (x IR)
- IR: Overload long delay tripping setting current; Isd: Short-circuit short delay tripping setting current;
- Ii: Short-circuit instantaneous tripping setting current.

Catalogue number	Type	Number of poles	Rated current In (A)	Operating breaking capacity (kA) Ics	Max. breaking capacity (kA) Icu	Electrical adjustment	Packing/ Box (pcs)
44930	DS-3 1000A	3P	1000	50	65	630-1000A	1
44931	DS-3 1250A	3P	1250	50	65	850-1250A	1

12 YEARS TOTAL WARRANTY
+ 7 standard 5 extended

Scan each QR code to see product price and availability.

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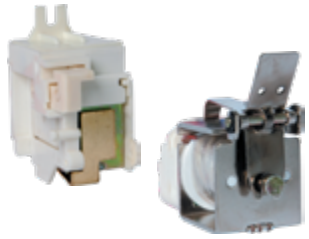
AUXILIARY DEVICES FOR MOULDED CASE CIRCUIT BREAKERS



SHUNT RELEASE (MX)

The device is used for remote control of breakers as at voltage signal it starts operating and switches off the breaker to which it is mounted

TECHNICAL DATA

- Rated operating voltage: 230/400V 50/60Hz
- Electromagnetic coil 100VA for breakers up to 400A
- Electromagnetic coil 150VA for breakers 630-800A
- Available joining conductors

MOUNTING

- Mounted in a special jack after cover dismounting

CONNECTING

- Connected with the operative system through the provided conductors



DS1 MAX - ELECTRONIC TYPE WITH MOUNTED MX

Catalogue number 3P		Type
400V	230V	
444511M	44452M	DS1 MAX 400/3300
44455M	44456M	DS1 MAX 630/3300
44459M	44460M	DS1 MAX 800/3300
44505	44503	DS-3E 1000
44506	44504	DS-3E 1250

Catalogue number 4P		Type
400V	230V	
444451M	444452M	DS1 MAX 400/3300
444455M	444456M	DS1 MAX 630/3300
444459M	444460M	DS1 MAX 800/3300

DS1 MAX - THERMO MAGNETIC TYPE WITH MOUNTED MX

Catalogue number 3P		Type
400V	230V	
44326M	44327M	DS1 MAX 125/63
44331M	44332M	DS1 MAX 125/80
44336M	44337M	DS1 MAX 125/100
44340M	44341M	DS1 MAX 125/125
44333M	44344M	DS1 MAX 250/160
44347M	44348M	DS1 MAX 250/200
44351M	44352M	DS1 MAX 250/250
44355M	44356M	DS1 MAX 400/400
44363M	44364M	DS1 MAX 630/630
44367M	44368M	DS1 MAX 800/800

Catalogue number 4P		Type
400V	230V	
444326M	444327M	DS1 MAX 125/63
444331M	444332M	DS1 MAX 125/80
444336M	444337M	DS1 MAX 125/100
444340M	444341M	DS1 MAX 125/125
444333M	444344M	DS1 MAX 250/160
444347M	444348M	DS1 MAX 250/200
444351M	444352M	DS1 MAX 250/250
444355M	444356M	DS1 MAX 400/400
444363M	444364M	DS1 MAX 630/630
444367M	444368M	DS1 MAX 800/800

12 YEARS TOTAL WARRANTY
+ 7 standard 5 extended

Scan each QR code to see product price and availability.

UNDER VOLTAGE RELEASE (MN)

The device switches off and/or does not allow the switching on of the breaker to which it is mounted at power breakdown or voltage decrease under certain limits



MN for DS1 - 125-160



MN for DS1 - 250-800

TECHNICAL DATA

- Operating voltage: 230/400V 50Hz
- Electromagnetic coil 6VA for breakers up to 400A
- Electromagnetic coil 10VA for breakers 630-800A
- Available joining conductors
- Switches off at voltage decrease under 75% of the operating

MOUNTING

- Mounted in a special jack after cover dismounting

Note: The breakers are offered with mounted accessory

CONNECTING

Connected with the operative system through the provided conductors

DS1 MAX-ELECTRONIC TYPE WITH MOUNTED MN

Catalogue number 3P		Type
400V	230V	
44483M	44484M	DS1 MAX 400/3300
44487M	44488M	DS1 MAX 630/3300
44491M	44492M	DS1 MAX 800/3300
44509	44507	DS-3E 1000
44510	44508	DS-3E 1250

Catalogue number 4P		Type
400V	230V	
444483M	444484M	DS1 MAX 400/3300
444487M	444488M	DS1 MAX 630/3300
444495M	444496M	DS1 MAX 800/3300



DS1 MAX - THERMO MAGNETIC TYPE WITH MOUNTED MN

Catalogue number 3P		Type
400V	230V	
44391M	44392M	DS1 MAX 125/63
44395M	44396M	DS1 MAX 125/80
44399M	44402M	DS1 MAX 125/100
44407M	44408M	DS1 MAX 125/125
44411M	44412M	DS1 MAX 250/160
44415M	44416M	DS1 MAX 250/200
44419M	44420M	DS1 MAX 250/250
44423M	44424M	DS1 MAX 400/400
44431M	44432M	DS1 MAX 630/630
44435M	44436M	DS1 MAX 800/800

Catalogue number 4P		Type
400V	230V	
444411M	444412M	DS1 MAX 250/160
444415M	444416M	DS1 MAX 250/200
444419M	444420M	DS1 MAX 250/250
444423M	444424M	DS1 MAX 400/400
444431M	444432M	DS1 MAX 630/630
444435M	444436M	DS1 MAX 800/800

12 YEARS TOTAL WARRANTY
+ 7 standard
5 extended

12 YEARS TOTAL WARRANTY
+ 7 standard
5 extended

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Documents corresponding to the product:
Standard EN 60947-1
EN 60947-2





According to the way of mounting the auxiliary devices can be divided into two groups:
• Internal devices – accessories for whose mounting it is necessary to dismount the cover of the breakers and fix them in specially designed jacks
• External devices – they are mounted right on the top cover of the breaker

AUXILIARY CONTACT (OF)

The device changes its condition comfortably to the breaker's condition; it has a NO and a NC contactor.

TECHNICAL DATA

• For breakers up to 160A operating current through the auxiliary contact: 3A
• For breakers from 250 to 800A operating current through the auxiliary contact: 6A
• Available joining conductors
• Labeling of the cables

MOUNTING

• Mounted in a special jack after cover dismounting.
Note: The breakers are offered with mounted accessory.

CONNECTING

• Connected with the operative system through the provided conductors.

DS-3E THERMO MAGNETIC TYPE WITH MOUNTED OF

Catalogue number 3P	Type
44511	DS-3E 1000
44512	DS-3E 1250

DS1 MAX - THERMO MAGNETIC TYPE WITH MOUNTED OF

Catalogue number 3P	Type
44303M	DS1 MAX 125/63
44304M	DS1 MAX 125/80
44305M	DS1 MAX 125/100
44306M	DS1 MAX 125/125
44307M	DS1 MAX 250/160
44308M	DS1 MAX 250/200
44309M	DS1 MAX 250/250
44310M	DS1 MAX 400/400
44312M	DS1 MAX 630/630
44313M	DS1 MAX 800/800

Catalogue number 4P	Type
444303M	DS1 MAX 125/63
444304M	DS1 MAX 125/80
444305M	DS1 MAX 125/100
444306M	DS1 MAX 125/125
444307M	DS1 MAX 250/160
444308M	DS1 MAX 250/200
444309M	DS1 MAX 250/250
444310M	DS1 MAX 400/400
444312M	DS1 MAX 630/630
444313M	DS1 MAX 800/800

Scan each QR code to see product price and availability.

MCCB WITH AUXILIARY DEVICES MOUNTED (MX+OF) AND (MN+OF)

DS1 MAX - ELECTRONIC TYPE WITH MOUNTED MN+OF





Catalogue number 3P		Type
400V	230V	
44485M	44486M	DS1 MAX 400/3300
44489M	44490M	DS1 MAX 630/3300
44493M	44494M	DS1 MAX 800/3300
44519	44517	DS-3E 1000
44520	44518	DS-3E 1250

Catalogue number 4P		Type
400V	230V	
444485M	444486M	DS1 MAX 400/3300
444489M	444490M	DS1 MAX 630/3300
444493M	444494M	DS1 MAX 800/3300

DS1 MAX - THERMO MAGNETIC TYPE WITH MOUNTED MN+OF



Catalogue number 3P		Type
400V	230V	
44393M	44394M	DS1 MAX 125/63
44397M	44398M	DS1 MAX 125/80
44405M	44406M	DS1 MAX 125/100
44409M	44410M	DS1 MAX 125/125
44413M	44414M	DS1 MAX 250/160
44417M	44418M	DS1 MAX 250/200
44421M	44422M	DS1 MAX 250/250
44425M	44426M	DS1 MAX 400/400
44433M	44434M	DS1 MAX 630/630
44437M	44438M	DS1 MAX 800/800

Catalogue number 3P		Type
400V	230V	
444413M	444414M	DS1 MAX 250/160
444417M	444418M	DS1 MAX 250/200
444421M	444422M	DS1 MAX 250/250
444425M	444426M	DS1 MAX 400/400
444433M	444434M	DS1 MAX 630/630
444437M	444438M	DS1 MAX 800/800

12 YEARS TOTAL WARRANTY
+ 7 standard 5 extended

Scan each QR code to see product price and availability.

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AUXILIARY DEVICES FOR MOULDED CASE CIRCUIT BREAKERS



DS1 MAX-ELECTRONIC TYPE WITH MOUNTED MX+OF

Catalogue number 3P		Type
400V	230V	
44453M	44454M	DS1 MAX 400/3300
44457M	44458M	DS1 MAX 630/3300
44461M	44462M	DS1 MAX 800/3300
44515	44513	DS-3E 1000
44516	44514	DS-3E 1250

Catalogue number 4P		Type
400V	230V	
444453M	444454M	DS1 MAX 400/3300
444457M	444458M	DS1 MAX 630/3300
444461M	444462M	DS1 MAX 800/3300

DS1 MAX - THERMO MAGNETIC TYPE WITH MOUNTED MX+OF

Catalogue number 3P		Type
400V	230V	
44328M	44330M	DS1 MAX 125/63
44334M	44335M	DS1 MAX 125/80
44338M	44339M	DS1 MAX 125/100
44342M	44343M	DS1 MAX 125/125
44345M	44346M	DS1 MAX 250/160
44349M	44350M	DS1 MAX 250/200
44353M	44354M	DS1 MAX 250/250
44357M	44358M	DS1 MAX 400/400
44365M	44366M	DS1 MAX 630/630
44369M	44370M	DS1 MAX 800/800

Catalogue number 4P		Type
400V	230V	
444328M	444330M	DS1 MAX 125/63
444334M	444335M	DS1 MAX 125/80
444338M	444339M	DS1 MAX 125/100
444342M	444343M	DS1 MAX 125/125
444345M	444346M	DS1 MAX 250/160
444349M	444350M	DS1 MAX 250/200
444353M	444354M	DS1 MAX 250/250
444357M	444358M	DS1 MAX 400/400
444365M	444366M	DS1 MAX 630/630
444369M	444370M	DS1 MAX 800/800

12 YEARS TOTAL WARRANTY + 7 standard 5 extended

7 YEARS TOTAL WARRANTY + 5 standard 2 extended

REMOTE CONTROL FOR MCCB, DS1 MAX (MANUAL)

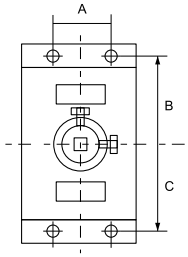
The device switches off/on the breaker to which manual operative rotary mechanism is mounted
• Two operating positions of the executive mechanism fixed at 90°C

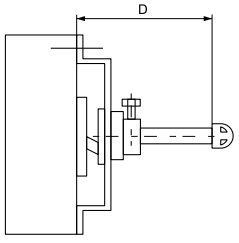
MOUNTING

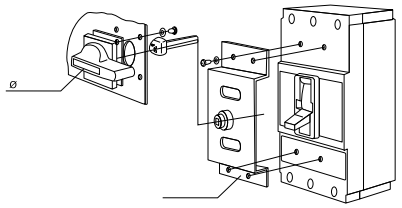
The base is mounted with bolts right on the cover (scheme 1 mounting), and the handle is mounted at the door of the distribution box, using an extension axis it is joined to the base



Catalogue number	Type of the breaker	Dimensions (mm)					Packing/ Box (pcs)
		A	B	C	D min.	D max.	
44966M	DS1 MAX 63A	25	50	50	65	115	1
44967M	DS1 MAX 125A	25	50	50	65	115	1
44969M	DS1 MAX 250A	35	70	70	80	130	1
44970M	DS1 MAX 400A	45	107	107	85	105	1
44972M	DS1 MAX 630/800A	70	119	119	110	110	1







Scan each QR code to see product price and availability.

ELECTRICAL REMOTE CONTROL FOR MCCB DS1 MAX (ELECTRICAL)



DS1 - 125-160



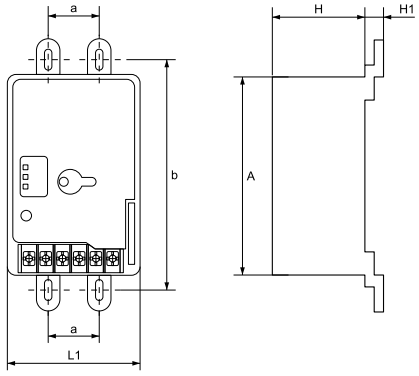
DS1 MAX - 63-250

The device switches off/on the breaker to which manual operative rotary mechanism is mounted
• Two operating positions of the executive mechanism fixed at 90°C

MOUNTING

The base is mounted with bolts right on the cover (scheme 1 mounting), and the handle is mounted at the door of the distribution box, using an extension axis it is joined to the base

Catalogue number 230V	Catalogue number 400V	Type of the breaker	Dimensions (mm)					Packing/ Box (pcs)
			L1	B	B	H	H1	
44917M	44906M	DS1 MAX 63A	116	90	50	77	12,5	1
44912M	44907M	DS1 MAX 125A	116	90	50	77	12,5	1
44914M	44909M	DS1 MAX 250A	116	90	70	77	15	1
44915M	44910M	DS1 MAX 400A	176	130	107	115	27	1
44916M	44911M	DS1 MAX 630A	176	130	119	115	31	1
44916M	44911M	DS1 MAX 630A	176	130	119	115	31	1



TERMINAL PLATES FOR MCCB - DS1 MAX



Straight copper electro-tinned extensions enabling cable connection outside the switch terminals and providing excellent contact with the switch terminal base. Terminal extensions with different cross section are available depending on the switch rated power.

MOUNTING

Extensions are directly bolt mounted to the switch terminal base.

Catalogue number 3pcs/set	Catalogue number 4pcs/set	Type	Rated current (A)
31125M	-	TP 125 MAX	125
31250M	-	TP 250 MAX	250
31400M	314400M	TP 400 MAX	400
31630M	314630M	TP 630 MAX	630
31850M	314850M	TP 800 MAX	800

7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

TESTED IN **ELMARK** FACTORY BULGARIA

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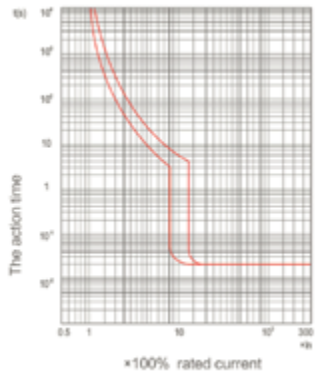
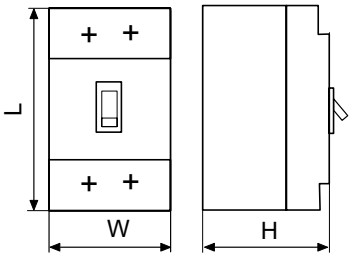
HIGH VOLTAGE MOLDED CASE CIRCUIT BREAKERS

Documents corresponding to the product:
Standardl EC 60947-1
IEC 60947-2
GB/T 14048.2







DC curent type

1000V DC HIGH VOLTAGE MOLDED CASE CIRCUIT BREAKERS, DC1 SERIES

DC MOULDED CASE CIRCUIT BREAKERS (MCCB) are used for the protection of electrical devices that operate with direct current. The DC MCCBs are available in 50A-300A with maximum breaking capacity up to 20kA, which can ensure reliable short-circuit protection of the system. The MCCBs available in 2P, with nominal voltage of 1000VDC.

FUNCTIONS
- Protection against overloading.
- Protection against short circuit.
- Manual switching control.
- High breaking capacity level.
- Breaking of electrical circuits and control of powerful consumers.

TECHNICAL DATA
- Rated voltage Ue (V) DC: 1000V DC
- Rated insulation voltage Ui (V): 1250V
- Rated current In(A): 50-300A
- Extreme short-circuit breaking capacity Icu (kA): 20kA at 1000V DC
- Running short-circuit breaking capacity Ics (kA): Ics=100%Icu
- Pole number: 2P
- Rated impulse withstands voltage Uimp (kV): 8kV
- Transient action value (In): 10In
- Electrical wear resistance (number of cycles): ≥2000
- Mechanical wear resistance (number of cycles): ≥20000
- Working temperature: -40~+70°C
- IP code: IP>20

MOUNTING
- Joining with bolts
- Mounting position: vertical

Dimensions (mm)

Type	L	W	H
DC1-320	180	76	126

Catalogue number	Type	Rated current In (A)	Number of poles	Operating/Max. breaking capacity (kA) Ics/Icu 1000V	Packing/ box (pcs)
44000DC	DC1-320	50A	2P	20/20	1/6
44001DC	DC1-320	63A	2P	20/20	1/6
44002DC	DC1-320	80A	2P	20/20	1/6
44003DC	DC1-320	100A	2P	20/20	1/6
44004DC	DC1-320	125A	2P	20/20	1/6
44005DC	DC1-320	160A	2P	20/20	1/6
44006DC	DC1-320	200A	2P	20/20	1/6
44007DC	DC1-320	250A	2P	20/20	1/6
44008DC	DC1-320	300A	2P	20/20	1/6

12 YEARS TOTAL WARRANTY
+ 7 standard
5 extended

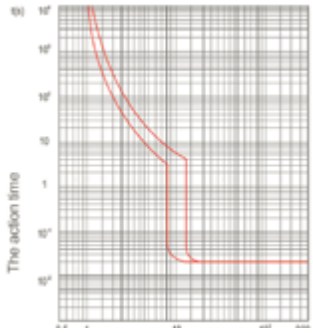
Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA

Documents corresponding to the product:
Standard IEC 60947-1
IEC 60947-2
GB/T 14048.2

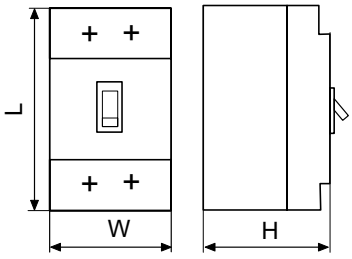
1500V DC HIGH VOLTAGE MOLDED CASE CIRCUIT BREAKERS, DC1 SERIES

DC MOULDED CASE CIRCUIT BREAKERS (MCCB) are used for the protection of electrical devices that operate with direct current. The DC MCCBs are available in 50A-800A with maximum breaking capacity up to 20kA, which can ensure reliable short-circuit protection of the system. The MCCBs available in 2P & 3P, with nominal voltage of 1500VDC.



FUNCTIONS
- Protection against overloading.
- Protection against short circuit.
- Manual switching control.
- High breaking capacity level.
- Breaking of electrical circuits and control of powerful consumers.

TECHNICAL DATA
- Rated voltage Ue (V) DC: 1500V DC
- Rated insulation voltage Ui (V): 1500V
- Rated current In(A): 50-800A
- Extreme short-circuit breaking capacity Icu (kA): 20kA at 1500V DC
- Running short-circuit breaking capacity Ics (kA): Ics=100%Icu
- Pole number: 2P
- Rated impulse withstands voltage Uimp (kV): 12kV
- Transient action value (In): 10In
- Electrical wear resistance (number of cycles): ≥2000
- Mechanical wear resistance (number of cycles): ≥20000
- Working temperature: -40~+70°C
- IP code: IP>20



MOUNTING
- Joining with bolts.
- Mounting position: vertical.

	Dimensions (mm)		
Type	L	W	H
DC1-320-3P	180	107	126
DC1-400-2P	250	124	165
DC1-630-2P	250	124	165
DC1-800-2P	250	124	165



DC current type

Catalogue number	Type	Rated current In (A)	Number of poles	Operating/Max. breaking capacity (kA) Ics/Icu 1000V	Packing/ box (pcs)
44012DC	DC1-320	50A	2P (3P housing)	20/20	1/6
44013DC	DC1-320	63A	2P (3P housing)	20/20	1/6
44014DC	DC1-320	80A	2P (3P housing)	20/20	1/6
44015DC	DC1-320	100A	2P (3P housing)	20/20	1/6
44016DC	DC1-320	125A	2P (3P housing)	20/20	1/6
44017DC	DC1-320	160A	2P (3P housing)	20/20	1/6
44018DC	DC1-320	200A	2P (3P housing)	20/20	1/6
44019DC	DC1-320	250A	2P (3P housing)	20/20	1/6
44009DC	DC1-400	400A	2P (2P housing)	20/20	1/6
44010DC	DC1-630	630A	2P (2P housing)	20/20	1/6
44011DC	DC1-800	800A	2P (2P housing)	20/20	1/6

12 YEARS TOTAL WARRANTY
+ 7 standard 5 extended

Scan each QR code to see product price and availability.

7 YEARS TOTAL WARRANTY
+ 5 standard
2 extended

TESTED IN **ELMARK** FACTORY BULGARIA

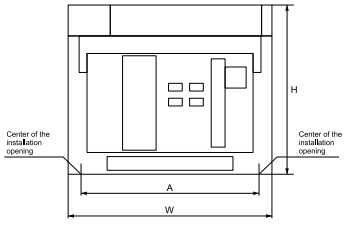
ELMARK
The Brand of Electricity

MOULDED CASE CIRCUIT BREAKER (MCCB) DW1 SERIES

The DW1 series is an intelligent type circuit breaker used to control and protect low voltage electrical distribution network. Possibility to set the parameters of the circuit protection, built in under voltage release, remote control, earth protection and load monitoring

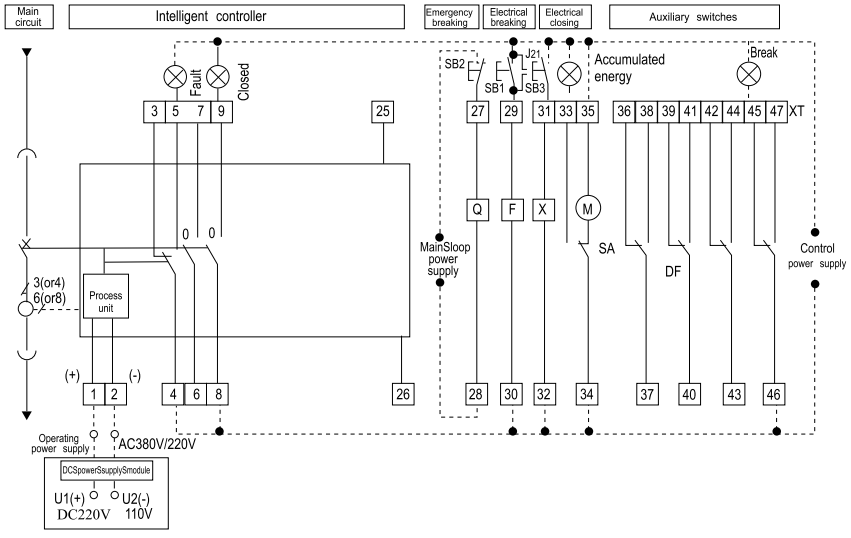
FUNCTIONS

- Switching on/off heavy loaded electrical circuits.
- Breaking of electrical circuits and control of powerful consumers.
- Used as a main breaker in housing or industrial distributing installations.
- Endures high currents of short circuit in the protected circuit.
- Remarkable with high reliability of current characteristics.
- Motor control.
- Mounted auxiliary devices for automation - under voltage release, earth protection, intelligent controlling block with a possibility for a choice of the protected function.



Dimensions (mm)

Type	A	H	W
DW1-2000 FIXED	362	402	373
DW1-3200 FIXED	422	402	363
DW1-2000 DRAW-OUT	375	432	461
DW1-3200 DRAW-OUT	435	432	494
DW1-4000 DRAW-OUT	550	432	494
DW1-6300 DRAW-OUT	813	452	504



Scan each QR code to see product price and availability.

Documents corresponding to the product:
Standard EN 60947-1; EN 60947-2; IEC 947-2



TECHNICAL DATA
- Rated operating voltage: 690V; 50/60Hz
- Isolating voltage: 1000V
- Surge voltage wear resistance: 12kV
- Joining terminal: bolt connection with 4 bolts to the power supply rail

Connecting:
  - Copper rails
  - busway connection – at the back

- Electrical wear resistance: ≥2000 cycles
- Mechanical wear resistance: ≥9000 cycles
- IP code: IP54
- Mounting:
  - Clamping with bolts
  - Mounting position: vertical gradient max. 5°
- Plastic material of UV rays and non-flammable
- Test button
- Ambient temperature: -10°C + 65°C
- Installation altitude: up to 2000m

BASIC PROTECTIVE FUNCTIONS
- Overload protection with long time delay
- Short circuit protection with short time delay, time inversion limit.
- Short circuit protection with short time delay, time fixed limit.
- Instantaneous short circuit protection.
- Earth protection function.
- Full stability function.
- "Overload alarm" function.
- Test function & Auto diagnostics function.

*A commutation type of breakers with RS 485 connection for duplex transmission of all function parameters, adjustment and data can also be produced at client's order and delivery terms agreement.

Catalogue number	Type	Rated current In (A)	Rated voltage Un (V)	Breaking capacity (kA)		Electrical wear resistance (number of cycles)	Mechanical wear resistance (number of cycles)	Packing/Box (pcs)
				400 V	690 V			
44208	DW1-2000 FIXED	1600	AC400V	80	50	2000	9000	1/1
44209	DW1-2000 FIXED	2000	AC400V	80	50	2000	9000	1/1
44255	DW1-3200 FIXED	2500	AC400V	100	65	2000	9000	1/1
44329	DW1-3200 FIXED	3200	AC400V	100	65	2000	9000	1/1
44208DO	DW1-2000 DRAW-OUT	1600	AC400V	80	50	2000	9000	1/1
44209DO	DW1-2000 DRAW-OUT	2000	AC400V	80	50	2000	9000	1/1
44255DO	DW1-3200 DRAW-OUT	2500	AC400V	100	65	2000	9000	1/1
44329DO	DW1-3200 DRAW-OUT	3200	AC400V	100	70	2000	9000	1/1
44436DO	DW1-4000 DRAW-OUT	3600	AC400V	100	75	2000	9000	1/1
44440DO	DW1-4000 DRAW-OUT	4000	AC400V	100	75	2000	9000	1/1
44650DO	DW1-6300 DRAW-OUT	5000	AC400V	120	75	2000	9000	1/1
44663DO	DW1-6300 DRAW-OUT	6300	AC400V	120	75	2000	9000	1/1

7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

TESTED IN **ELMARK** FACTORY BULGARIA

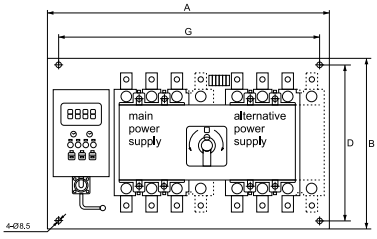
ELMARK
The Brand of Electricity

DUAL POWER CHANGE-OVER SWITCH EQ1 SERIES (ATS)

The system for dual power change-over switch EQ1 is designed to provide continuous power supply and two electrical sources automatic switch in case of failure or deviation from the set parameters. It switches only when the three phases of the second power supply source are available. The system for dual power change-over switch consists of two molded case circuit breakers mounted on a metal frame connected with common operating mechanism and controlled by a command device that controls the system parameters' correspondence.

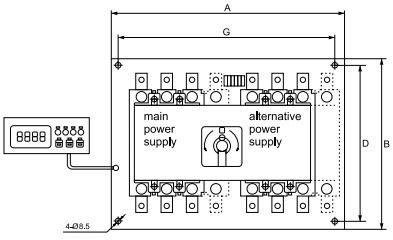
FUNCTIONS

- Switching on/off heavy loaded electrical circuits at main power supply discrepancy
- Switching to dual power change-over at power supply phase lack
- With option to connect to fire alarm controller. In case of fire, the ATS switches off both power supply sources
- Breaking of electrical circuits and control of powerful consumers
- Used as a main breaker in housing or industrial distributing installations supplied with a generator or a second power supply source (hospitals, post offices, military sites, control rooms)
- Remarkable with high reliability of current characteristics
- Control: motor
- Controls the following circuit parameters:
  - Presence of the three phases
  - The phase voltage to be in the set limits overload
  - Short circuit at the outlet



Overall dimensions (mm)

Type	A	B	C	D	H
EQ1 - 100	405	365	230	250	<170
EQ1 - 225	450	410	230	250	<190
EQ1 - 400	570	510	300	330	<200
EQ1 - 630	680	620	300	330	<250
EQ1 - 800	750	690	300	330	<250



Dual power change-over switch with separated control display.

Overall dimensions (mm)

Type	A	B	C	D	H
EQ1 - 100*	405	365	230	250	<170
EQ1 - 225*	450	410	230	250	<190
EQ1 - 400*	570	510	300	330	<200
EQ1 - 630*	680	620	300	330	<250
EQ1 - 800*	750	690	300	330	<250

Scan each QR code to see product price and availability.

Documents corresponding to the product:
EN 60947-1
EN 60947-2; EN 60947-6-1



TECHNICAL DATA
- Rated operating voltage: 690V; 50/60Hz
- Surge voltage wear resistance: ≥6000V
- Joining terminal: bolt connection with 4 bolts to the power supply rail
- Connecting:
  - Copper rails
  - Flexible or rigid conductors
- Electrical wear resistance (number of cycles): ≥2000
- Mechanical wear resistance (number of cycles): ≥6000
- IP code: IP21
- Mounting:
  - Clamping with bolts
  - Mounting position: vertical gradient, maximum 5°
- Plastic material of the breakers of UV rays and nonflammable
- Ambient temperature: -10°C + 65°C
- Installation altitude: up to 2000m

BASIC FUNCTIONS OF THE CONTROL DEVICE
- Overload protection
- Instantaneous short circuit protection
- Under phase protection
- Under voltage protection
- Possibility for setting the change-over time between the two sources – min 3s
- Possibility for automatic switch-over to the main power supply source after restoring its parameters. The system for dual power change-over switch is offered in two types:
- With display (control device) mounted on the mounting plate (integrated type)
- With separated control display

Catalogue number	Type	Rated current In (A)	Max. breaking capacity (kA) Icu	Operating breaking capacity (κA)Ics	Section of the power supply conductor (mm^2)	Electrical wear resistance (number of cycles)	Mechanical wear resistance (number of cycles)	Packing/ Box (pcs)
44100	EQ1 - 100	100	50	35	35	2000	6000	1 / 1
44225	EQ1 - 225	225	50	35	70	2000	6000	1 / 1
44403	EQ1 - 400	400	100	65	180	2000	6000	1 / 1
44633	EQ1 - 630	630	100	65	240	1000	3000	1 / 1
44833	EQ1 - 800	800	100	65	240	1000	3000	1 / 1



Catalogue number	Type	Rated current In (A)	Max. breaking capacity (kA) Icu	Operating breaking capacity (κA)Ics	Section of the power supply conductor (mm^2)	Electrical wear resistance (number of cycles)	Mechanical wear resistance (number of cycles)	Packing/ Box (pcs)
44101	EQ1 - 100*	100	50	35	35	2000	6000	1 / 1
44226	EQ1 - 225*	225	50	35	70	2000	6000	1 / 1
44404	EQ1 - 400*	400	100	65	180	2000	6000	1 / 1
44634	EQ1 - 630*	630	100	65	240	1000	3000	1 / 1
44834	EQ1 - 800*	800	100	65	240	1000	3000	1 / 1

Note: *Dual power change-over switch with separated control display.

Scan each QR code to see product price and availability.

PRODUCED IN **ELMARK** FACTORY BULGARIA

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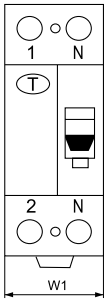
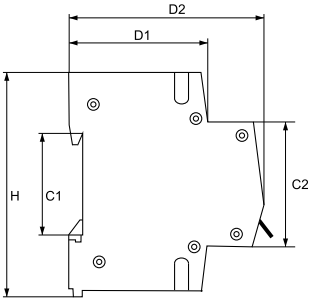
ELECTRONIC RESIDUAL CURRENT DEVICES (RCD) JEL1R, AC RESIDENTIAL TYPE

Documents corresponding to the product:
EN 61008-1







RCD type AC for AC current

FUNCTIONS

- Versatile Current Range: Supports current ratings from 16A to 63A, accommodating various electrical setups.
- IEC 61008-1 Compliance: Adheres to international standards for residual current circuit breakers, ensuring dependable performance.
- Effective Leakage Detection: Protects against hazardous leakage currents, enhancing overall electrical safety.
- Robust Construction: Crafted from high-quality materials for durability and long-term reliability.
- Simple Installation: Designed for easy integration into existing electrical systems with straightforward mounting.
- Clear Indicator Display: Features visible ON/OFF and trip indicators for efficient monitoring and quick fault diagnosis.

APPLICATIONS

- Residential electrical installations
- Office buildings
- Retail outlets

CONNECTING

- Power supply busbar (only for bipolar)
- Flexible or rigid conductors with corresponding section

TECHNICAL DATA

- Rated operating voltage: 230/240V; 50/60 Hz
- Rated current: according to the table
- Type of protection: AC
- Number of poles: 2P(1P+N)
- Responsiveness: 30; 300mA
- Time delay until break: <0.1s
- Rated impulse withstand voltage (1.2/50) (Uimp): 4000V
- Dielectric test voltage for 1min: 2kV
- Rated breaking capacity: 6000A
- Electrical wear resistance (number of cycles): ≥2000
- Mechanical wear resistance (number of cycles): ≥4000
- Max. terminal size for cable: 25mm2
- Max .tightening torque: 2,5N.m
- IP code: IP>20
- Ambient temperature: -10°C + 40°C
- Installation altitude: up to 2000m
- Connection: From top and bottom

MOUNTING

- On DIN-rail
- Mounting position: vertical

Dimensions (mm)

W1	H	H1	H2	D1	D2
35	81	35	45	50	72

Catalogue number		Type	Number of poles	Breaking capacity (kA)	Rated current In (A)	Packing/Box (pcs)
Leakage current I Δ n (mA)						
30	300					
40216R	40218R	JEL1R	2P	6	16.0	1/60
40221R	40223R	JEL1R	2P	6	25.0	1/60
40241R	40243R	JEL1R	2P	6	40.0	1/60
40261R	40263R	JEL1R	2P	6	63.0	1/60

12 YEARS TOTAL WARRANTY
+ 7 standard 5 extended

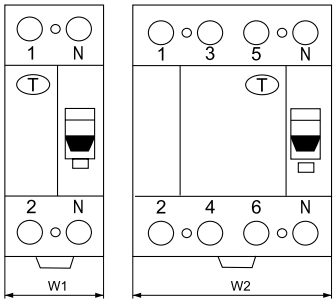
Scan each QR code to see product price and availability.

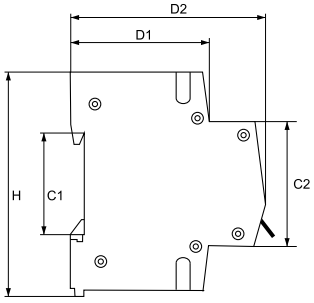
ELECTRO-MAGNETIC RESIDUAL CURRENT DEVICES (RCD) JEL1, AC INDUSTRIAL TYPE

Documents corresponding to the product:
EN 61008-1
EN 61008-2; EN 60947-1



RCD type AC for AC current





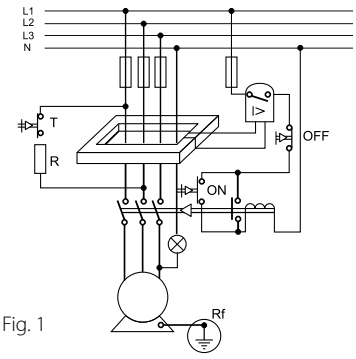


Fig. 1

The residual current device works with no extra power supply to the operating mechanism. It compares the magnitude of the currents through the neutral and phase conductors. The conductors are coiled on toroid and together with the secondary winding form a measurement transformer. The power conductors are coiled in such a way that the magnetic fields generated at electrical current flow through them are mutually neutralized. At failure in the insulation of some of the conductors or at presence of a person under voltage, the system is mis-balanced and the magnetic fields can not be neutralized. This residual field generates in the secondary current winding, called current leakage. The device breaks when the value of this current exceeds the limit value of the residual current breaker.

FUNCTIONS

- Switching off heavy-loaded electrical circuits at insulation damage of the conductors to the consumers.
- Switching off heavy-loaded electrical circuits at presence of a person under voltage.
- Used to protect not only particular consumers/ circuits, but also the whole panel.
- Remarkable with high reliability of current characteristics.
- Control: manual switching on and automatic switching off at exit failure.

CONNECTING

- Power supply busbar (only for bipolar)
- Flexible or rigid conductors with corresponding section

MOUNTING

- On DIN-rail
- Mounting position: vertical

The residual current device is mounted in the distribution box, and after the device the neutral conductor and the earthing conductor must not be connected together. In order to work accurately, the device must have three- or five-conductor grid with separate protective conductor (PE) (e.g. earthing system TN-S or TT with three or five conductors). The corpus of the consumer depending on the grid type must be connected either to the protective conductor or be earthed. (Fig.1)

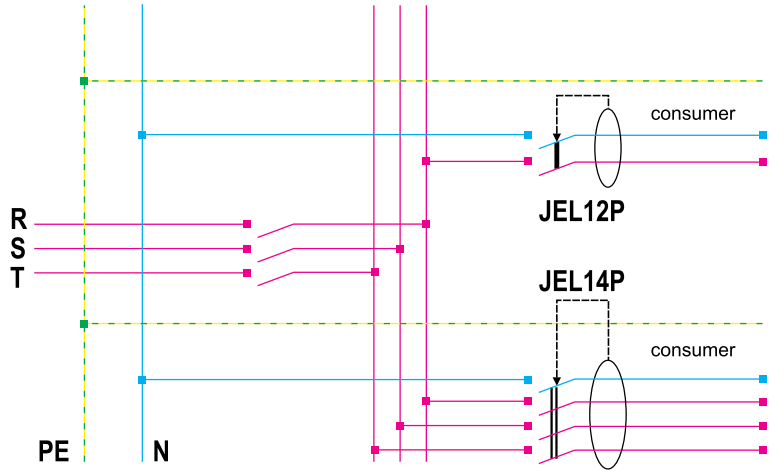
TECHNICAL DATA

- Rated operating voltage: 230/400V; 50/60 Hz
- Rated current: according to the table
- Responsiveness: 30; 100; 300; 500mA
- Time delay until break: <0.1s at I Δ n and <0.04s at 2I Δ n
- Surge voltage wear resistance: ≥2000V
- Short circuit current wear resistance: 4500A, 6000A
- Joining terminal: flat (tunnel) screw terminal made of 1.5 coldly draw-plated plane Q235A
- Type of the plastic:
  - Material: self-extinguishing nylon PA66
  - Permitivity strength: >18MV/m
- Contact head: silver graphite CAg(5)
- Static contact: pure copper T2Y2 type
- Electrical wear resistance (number of cycles): ≥5000
- Mechanical wear resistance (number of cycles): ≥10000
- IP code: IP>20
- Indication for operating (switched on) position
- Plastic material of the breakers of UV rays and nonflammable
- Ambient temperature: -10°C + 65°C
- Installation altitude: up to 2000m

Dimensions (mm)

W1	W2	H	H1	H2	D1	D2
35	70	81	35	45	50	72

Connecting scheme



12 YEARS TOTAL WARRANTY
+ 7 standard
5 extended

PRODUCED IN **ELMARK** FACTORY BULGARIA

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ELECTRO-MAGNETIC RESIDUAL CURRENT DEVICES (RCD) JEL1, AC INDUSTRIAL TYPE



RCD type AC for AC current

Residual current devices JEL 1, 6kA - Type AC - alternating fault currents sensible. Impulse with-stand voltage 2000VAC

Catalogue number				Type	Number of poles	Breaking capacity (kA)	Rated current In (A)	Packing/Box (pcs)
Leakage current I Δ n (mA)								
30	100	300	500					
40210	40212	40213	40214	JEL 1	2P	6	10.0	1/60
40216	40217	40218	40219	JEL 1	2P	6	16.0	1/60
40292	40293	40294	40295	JEL 1	2P	6	20.0	1/60
40221	40222	40223	40224	JEL 1	2P	6	25.0	1/60
40231	40232	40233	40234	JEL 1	2P	6	32.0	1/60
40241	40242	40243	40244	JEL 1	2P	6	40.0	1/60
40261	40262	40263	40264	JEL 1	2P	6	63.0	1/60
40281	40282	40283	40284	JEL 1	2P	6	80.0	1/60
40291	40296	40297	40298	JEL 1	2P	6	100.0	1/60



RCD type AC for AC current

Catalogue number				Type	Number of poles	Breaking capacity (kA)	Rated current In (A)	Packing/Box (pcs)
Leakage current I Δ n (mA)								
30	100	300	500					
40410	40412	40413	40414	JEL 1	4P	6	10.0	1/30
40416	40417	40418	40419	JEL 1	4P	6	16.0	1/30
40492	40493	40494	40495	JEL 1	4P	6	20.0	1/30
40421	40422	40423	40424	JEL 1	4P	6	25.0	1/30
40431	40432	40433	40434	JEL 1	4P	6	32.0	1/30
40441	40442	40443	40444	JEL 1	4P	6	40.0	1/30
40461	40462	40463	40464	JEL 1	4P	6	63.0	1/30
40481	40482	40483	40484	JEL 1	4P	6	80.0	1/30
40491	40496	40497	40498	JEL 1	4P	6	100.0	1/30

LIMITED STOCK



Catalogue number	Type	Number of poles	Leakage current I Δ n (mA)	Breaking capacity (kA)	Rated current In (A)	Packing/ Box (pcs)
40262^JVL1	JVL1	2P	100mA	6kA	63A	1/60
40213^JVL1	JVL1	2P	300mA	6kA	10A	1/60
40294^JVL1	JVL1	2P	300mA	6kA	20A	1/60
40283^JEL1	JEL1 OMEGA	2P	300mA	6kA	80A	1/60
40214^JVL1	JVL1	2P	500mA	6kA	10A	1/60
40219^JVL1	JVL1	2P	500mA	6kA	16A	1/60
40295^JVL1	JVL1	2P	500mA	6kA	20A	1/60
40234^JVL1	JVL1	2P	500mA	6kA	32A	1/60
40284^JVL1	JVL1	2P	500mA	6kA	80A	1/60
40410^JVL1	JVL1	4P	30mA	6kA	10A	1/30
40492^JVL1	JVL1	4P	30mA	6kA	20A	1/30
40413^JVL1	JVL1	4P	300mA	6kA	10A	1/30
40494^JVL1	JVL1	4P	300mA	6kA	20A	1/30

12 YEARS TOTAL WARRANTY
+ 7 standard 5 extended

Scan each QR code to see product price and availability.

ELECTRO-MAGNETIC RESIDUAL CURRENT DEVICES (RCD) JEL1A, TYPE A INDUSTRIAL

Documents corresponding to the product:
EN 61008-1
EN 61008-2; EN 60947-1

These are Residual Current Devices (RCDs) JEL 1A with enhanced sensibility and fast - operating protection devices applicable in circuits with harmonic or direct pulsating current component presence.

FUNCTIONS

- Switching off electrical circuits on load at conductor insulation breaking to the consumer
- Switching off electrical circuits on load at direct and indirect contact
- Switching off electrical circuits on load at alternating earth fault currents during consequent light impact
- Switching off consumers at harmonic presence due to luminescent lights
- Switching off consumers in DC circuits at fault currents presence
- Mechanical indicator for ON position

TECHNICAL DATA

- Rated operating voltage: 230/400V; 50 Hz
- Rated current: according to the table
- Responsiveness: 30mA and 300mA
- Time delay until break: <0.1s at I Δ n and <0.04s at 2I Δ n
- Short circuit current wear resistance: 6000A
- Electrical wear resistance (number of cycles): ≥2000
- Mechanical wear resistance (number of cycles): ≥4000
- IP code: IP>20

CONNECTING

- Power supply busbar (only for bipolar)
- Flexible or rigid conductors with corresponding section

MOUNTING

- On DIN-rail
- Mounting position: vertical



RCD type A for AC/DC current
2P

Residual current devices JEL 1A, 6kA - Type A - alternating and pulsating direct fault currents sensible Impulse withstand voltage 2000VAC/ 400VDC

Catalogue number		Type	Number of poles	Breaking capacity (kA)	Rated current In (A)	Packing/Box (pcs)
Leakage current I Δ n (mA)						
30	300					
40516	40518	JEL 1A	2P	6	16.0	1/60
40592	40594	JEL 1A	2P	6	20.0	1/60
40521	40523	JEL 1A	2P	6	25.0	1/60
40531	40533	JEL 1A	2P	6	32.0	1/60
40541	40543	JEL 1A	2P	6	40.0	1/60
40561	40563	JEL 1A	2P	6	63.0	1/60
40581	40583	JEL 1A	2P	6	80.0	1/60
40591	40597	JEL 1A	2P	6	100.0	1/60



RCD type A for AC/DC current
4P

Catalogue number		Type	Number of poles	Breaking capacity (kA)	Rated current In (A)	Packing/Box (pcs)
Leakage current I Δ n (mA)						
30	300					
40616	40618	JEL 1A	4P	6	16.0	1 / 30
40692	40694	JEL 1A	4P	6	20.0	1 / 30
40621	40623	JEL 1A	4P	6	25.0	1 / 30
40631	40633	JEL 1A	4P	6	32.0	1 / 30
40641	40643	JEL 1A	4P	6	40.0	1 / 30
40661	40663	JEL 1A	4P	6	63.0	1 / 30
40681	40683	JEL 1A	4P	6	80.0	1 / 30
40691	40697	JEL 1A	4P	6	100.0	1 / 30

12 YEARS TOTAL WARRANTY
+ 7 standard 5 extended

Scan each QR code to see product price and availability.

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ELECTRO-MAGNETIC RESIDUAL CURRENT DEVICE (RCD)- JEL1B, TYPE B INDUSTRIAL

Documents corresponding to the product:
IEC61008-1
IEC62423

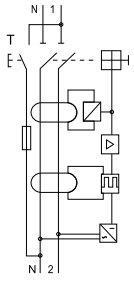
DESCRIPTION OF THE OPERATING SYSTEM
JEL1B Type B RCD has compact structure, good reliability, and high safety. They ensure higher protection levels with maximum operational continuity under all working conditions. Type B RCDs are sensitive to AC, pulsating AC and steady DC leakage currents. This type may be required for use in photovoltage (PV) solar energy installations because the PV panels produce a DC output and some types of fault can result in the leakage of DC currents to earth. Type B RCDs can ensure maximum safety in many applications, such as EV Charging Station, Crane and Elevator, variable speed drives, medical equipment, PV and Wind power plants, etc.

TECHNICAL DATA

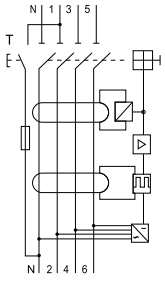
- Mode: Electromagnetic
- Type: B for AC/DC current
- Rated operating voltage Ue 2P: 240V 50/60 Hz
- Rated operating voltage Ue 4P: 415V 50/60 Hz
- Insulation voltage Ui: 500V
- Circuit breaker rated current: according to the table
- Residual current responsiveness: 30mA
- Break time under IΔn: ≤0.1s
- Circuit breaker tripping curve: C
- Breaking capacity: 10 000A
- Short circuit protection device (SCPD) fuse: 10 000A
- Rated impulse withstand voltage(1.5/50) Uimp: 4000V
- Dielectric test voltage at ind. Freq. for 1min: 2.5kV
- Electrical life: 2 000 cycles
- Mechanical life: 4 000 cycles
- IP code: IP>20
- Terminal connection type:
  - Cable
  - Pin-type busbar
  - U-type busbar
- Terminal size top/bottom for cable: 35mm²
- Terminal size top/bottom for busbar: 35mm²
- Tightening torque: 2.5Nm
- Ambient temperature: -10°C + 65°C
- Installation altitude: up to 2000m

Circuit diagram

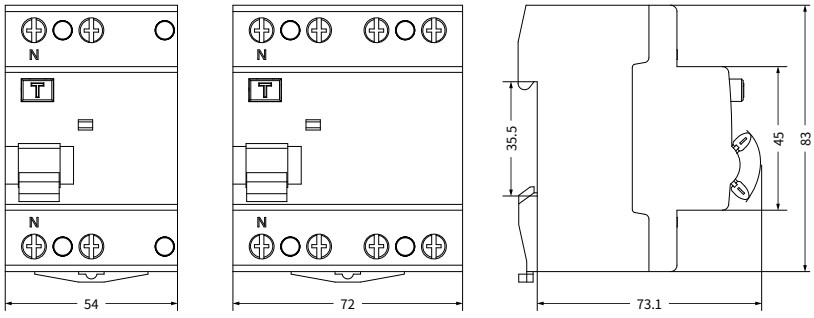
Type B (2P)



Type B (4P)



Overall and installation dimensions (mm)



12 YEARS TOTAL WARRANTY
+ 7 standard 5 extended

Scan each QR code to see product price and availability.

2P ELECTRO-MAGNETIC RESIDUAL CURRENT DEVICE (RCD)- JEL1B INDUSTRIAL



RCD type B for AC/DC current

Catalogue number	Type	Number of poles	Breaking capacity (kA)	Rated current (A)	Packing/ Box (pcs)
Leakage current I Δ n (mA)					
30					
40845B	JEL1B	1P+N	10	16	1/90
40846B	JEL1B	1P+N	10	25	1/90
40847B	JEL1B	1P+N	10	32	1/90
40848B	JEL1B	1P+N	10	40	1/90
40849B	JEL1B	1P+N	10	63	1/90
40850B	JEL1B	1P+N	10	80	1/90
40851B	JEL1B	1P+N	10	100	1/90

4P ELECTRO-MAGNETIC RESIDUAL CURRENT DEVICE (RCD)- JEL1B INDUSTRIAL



RCD type B for AC/DC current

Catalogue number	Type	Number of poles	Breaking capacity (kA)	Rated current (A)	Packing/ Box (pcs)
Leakage current I Δ n (mA)					
30					
40852B	JEL1B	3P+N	10	16	1/45
40853B	JEL1B	3P+N	10	25	1/45
40854B	JEL1B	3P+N	10	32	1/45
40855B	JEL1B	3P+N	10	40	1/45
40856B	JEL1B	3P+N	10	63	1/45
40857B	JEL1B	3P+N	10	80	1/45
40858B	JEL1B	3P+N	10	100	1/45

12 YEARS TOTAL WARRANTY
+ 7 standard 5 extended

Scan each QR code to see product price and availability.

12 YEARS TOTAL WARRANTY
+ 7 standard
5 extended

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ELECTRO-MAGNETIC RESIDUAL CURRENT OPERATED CIRCUIT BREAKER (RCBO) - JEL5A, TYPE A INDUSTRIAL CURVE C

Documents corresponding to the product:
IEC61009-1

DESCRIPTION OF THE OPERATING SYSTEM

RCBO JEL5A is with enhanced sensibility and fast - operating protection devices applicable in circuits with harmonic or direct pulsating current component presence RCBO JEL5A is mainly used for AC 50Hz or 60Hz, rated voltage 230 or below and rated working current 40A or below and immediately cut off power supply once someone suffers from electric shock or leakage current above specified value. It is a combination of automatic circuit breaker and residual current electromagnetic device. It combines the properties of the two elements. The circuit breaker reacts at short circuit or overload in the protected circuit, and the electromagnetic residual current device- at failure in the conductors' insulation. It compares the magnitude of the currents through the neutral and phase conductors. The conductors are coiled on toroid and together with the secondary winding form a measurement transformer. The power conductors are coiled in such a way that the magnetic fields generated at electrical current flow through them are mutually neutralized. At failure in the insulation of some of the conductors or at presence of a person under voltage, the system is mis-balanced and the magnetic fields can not be neutralized. This residual magnetic field generates in the secondary current winding, called current leakage. When the value of this current exceeds the limit value of the residual current breaker the device breaks and the residual current device switches off from the power supply grid. The device operates without any extra power supply to the electromagnetic residual current and is not influenced by voltage varying or decreasing.

FUNCTIONS

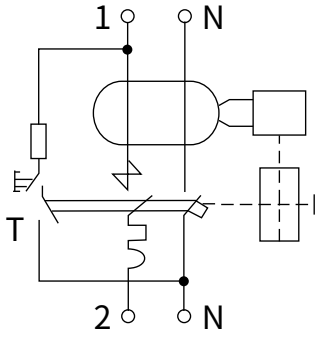
- Switching off heavy-loaded electrical circuits at short circuit or overload.
- Switching off heavy-loaded electrical circuits at insulation damage of the conductors to the consumers.
- Switching off heavy-loaded electrical circuits at presence of a person and animals under voltage.
- Switching off consumers at harmonic presence due to luminescent lights.
- Switching off consumers in DC circuits at fault currents presence.
- Used to protect not only particular consumers/circuits, but also the whole panel.
- Remarkable with high reliability of current characteristics.
- Control: manual switching on and automatic switching off at failure in the insulation after the breaker.

MOUNTING

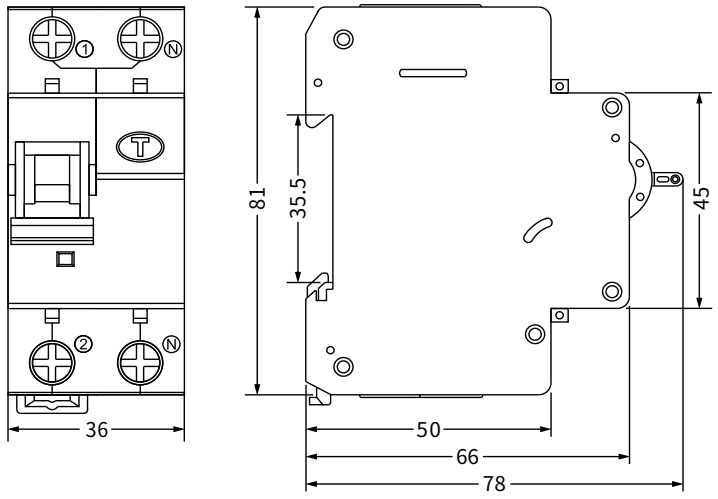
- On DIN-rail
- Mounting position: vertical

The residual current device is mounted in the distribution box, and after the device the neutral conductor and the earthing conductor must not be connected together. In order to work accurately, the device must have three- or five-conductor grid with separate operating neutral conductor (N) and separate protecting conductor (PE) (e.g. earthing system TN-S or TT with three or five conductors).

Circuit diagram



Overall and installation dimensions (mm)



Scan each QR code to see product price and availability.

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RCBO type A for AC/DC current

TECHNICAL DATA

- Mode: Electromagnetic
- Type: A for AC/DC current
- Rated operating voltage Ue: 230/240V 50/60 Hz
- Insulation voltage Ui: 500V
- Circuit breaker rated current: according to the table
- Residual current responsiveness: 30; 300mA
- Break time under IΔn: ≤0.1s
- Circuit breaker tripping curve: C
- Energy limiting class: 3
- Breaking capacity: 6 000A
- Rated impulse withstand voltage(1.5/50) Uimp:≥4000V
- Dielectric test voltage at ind.Freq. for 1min: 2kV
- Polution degree: 2
- Thermo-magnetic release characteristic: C
- Electrical life: 4 000 cycles
- Mechanical life: 10 000 cycles
- IP code: IP>20
- Indication for operating (switched on) position
- Terminal connection type:
  - Cable
  - Pin-type busbar
  - U-type busbar
- Terminal size top/bottom for cable: 25 mm²
- Terminal size top/bottom for busbar: 25 mm²
- Tightening torque: 2.5Nm
- Reference temperature for setting of thermal element: 30°C
- Ambient temperature: -10°C + 65°C
- Installation altitude: up to 2000m

Catalogue number		Type	Number of poles	Breaking capacity (kA)	Rated current (A)	Packing / Box (pcs)
Leakage current I Δ n (mA)						
30	300					
40006A	40012A	JEL5A	1P+N	6	6	1/90
40010A	40013A	JEL5A	1P+N	6	10	1/90
40016A	40018A	JEL5A	1P+N	6	16	1/90
40020A	40019A	JEL5A	1P+N	6	20	1/90
40025A	40023A	JEL5A	1P+N	6	25	1/90
40032A	40033A	JEL5A	1P+N	6	32	1/90
40040A	40043A	JEL5A	1P+N	6	40	1/90

12 YEARS TOTAL WARRANTY
+ 7 standard 5 extended

Scan each QR code to see product price and availability.

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ELECTRONIC RESIDUAL CURRENT OPERATED CIRCUIT BREAKER (RCBO)- JEL4A, TYPE A RESIDENTIAL CURVE C

Documents corresponding to the product:
IEC61009-1

DESCRIPTION OF THE OPERATING SYSTEM

RCBO JEL4A is with enhanced sensibility and fast - operating protection devices applicable in circuits with harmonic or direct pulsating current component presence.
"Phase line + neutral + leakage "protection circuit breaker JEL4A is applied to the single-phase residential circuit of 50Hz or 60Hz, rated voltage 230V, to protect leakage, civil electrical overload and short circuit. The product is provided with many advantages such as small size, high breaking capacity, cutting off zero-line, live line at the same time, and leakage protecting in the case of reverse wiring live line.

FUNCTIONS

Switching off heavy-loaded electrical circuits at short circuit or overload.

- Switching off heavy-loaded electrical circuits at insulation damage of the conductors to the consumers.
- Switching off heavy-loaded electrical circuits at presence of a person and animals under voltage.
- Switching off consumers at harmonic presence due to luminescent lights.
- Switching off consumers in DC circuits at fault currents presence.
- Used to protect not only particular consumers/circuits, but also the whole panel.
- Remarkable with high reliability of current characteristics.
- Control: manual switching on and automatic switching off at failure in the insulation after the breaker.

TECHNICAL DATA

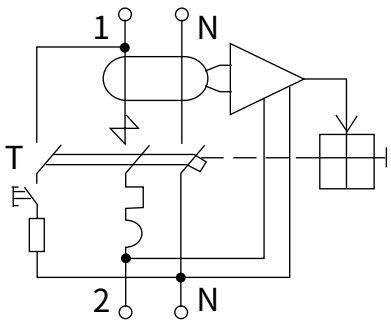
- Mode: Electronic
- Type: A for AC/DC current
- Rated operating voltage Ue: 230/240V 50/60 Hz
- Insulation voltage Ui: 500V
- Circuit breaker rated current: according to the table
- Residual current responsiveness: 30; 300mA
- Break time under IΔn: ≤0.1s
- Circuit breaker tripping curve: C
- Energy limiting class: 3
- Breaking capacity: 6 000A
- Rated impulse withstand voltage (1.5/50) Uimp:≥4000V
- Dielectric test voltage at ind.Freq. for 1min: 2kV
- Polution degree: 2
- Electrical life: 4 000 cycles
- Mechanical life: 10 000 cycles
- IP code: IP>20
- Indication for operating (switched on) position
- Terminal connection type:
  - Cable
  - Pin-type busbar
  - U-type busbar
- Terminal size top/bottom for cable: 25mm²
- Terminal size top/bottom for busbar: 25 mm²
- Tightening torque: 2.5Nm
- Reference temperature for setting of thermal element: 30°C
- Ambient temperature: -10°C + 65°C
- Installation altitude: up to 2000 m

MOUNTING

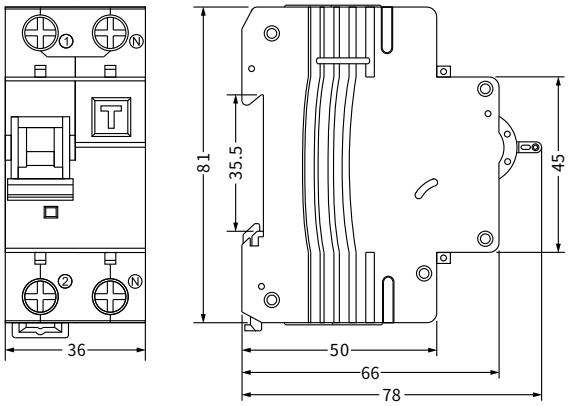
- On DIN-rail
- Mounting position: vertical

The residual current device is mounted in the distribution box, and after the device the neutral conductor and the earthing conductor must not be connected together. In order to work accurately, the device must have three- or five-conductor grid with separate operating neutral conductor (N) and separate protecting conductor (PE) (e.g. earthing system TN-S or TT with three or five conductors).

Circuit diagram



Overall and installation dimensions (mm)



12 YEARS TOTAL WARRANTY
+ 7 standard 5 extended

Scan each QR code to see product price and availability.

COMBINED ELECTRONIC RESIDUAL CURRENT DEVICE AND CIRCUIT BREAKER 2P 6KA RESIDENTIAL TYPE



RCBO type A for AC/DC current

Catalogue number		Type	Number of poles	Breaking capacity (kA)	Rated current (A)	Packing / Box (pcs)
Leakage current I Δ n (mA)						
30	300					
40206A	40205A	JEL4A	1P+N	6	6	1/90
40211A	40208A	JEL4A	1P+N	6	10	1/90
40215A	40235A	JEL4A	1P+N	6	16	1/90
40225A	40230A	JEL4A	1P+N	6	20	1/90
40240A	40246A	JEL4A	1P+N	6	25	1/90
40265A	40236A	JEL4A	1P+N	6	32	1/90
40274A	40273A	JEL4A	1P+N	6	40	1/90

COMBINED ELECTRONIC RESIDUAL CURRENT DEVICE AND CIRCUIT BREAKER 4P 6KA RESIDENTIAL TYPE



RCBO type A for AC/DC current

Catalogue number		Type	Number of poles	Breaking capacity (kA)	Rated current (A)	Packing / Box (pcs)
Leakage current I Δ n (mA)						
30	300					
40470A	40477A	JEL4A	3P+N	6	6	1/30
40471A	40478A	JEL4A	3P+N	6	10	1/30
40472A	40479A	JEL4A	3P+N	6	16	1/30
40473A	40480A	JEL4A	3P+N	6	20	1/30
40474A	40485A	JEL4A	3P+N	6	25	1/30
40475A	40486A	JEL4A	3P+N	6	32	1/30
40476A	40487A	JEL4A	3P+N	6	40	1/30

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

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RCBO WITH ARC FAULT PROTECTIVE, JEL8A INDUSTRIAL TYPE CURVE C

Documents corresponding to the product:
IEC61009-1
IEC62606



RCBO type A for AC/DC current

DESCRIPTION OF THE OPERATING SYSTEM

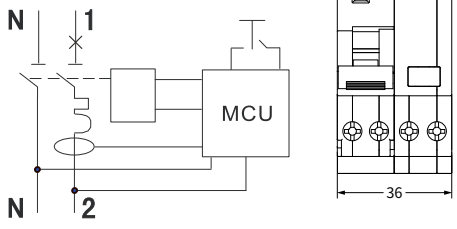
An arc-fault detection device (AFDD) or arc-fault circuit interrupter (AFCI) is a circuit breaker that breaks the circuit when it detects the electric arcs that are a signature of loose connections in home wiring. Loose connections, which can develop over time, can sometimes become hot enough to ignite house fires dangerous arc (that can occur, for example, in a lamp cord which has a broken conductor). An AFDD selectively distinguishes between a harmless arc (incidental to normal operation of switches, plugs, and brushed motors), and a potentially dangerous arc (that can occur, for example, in a lamp cord which has a broken conductor).

FUNCTIONS

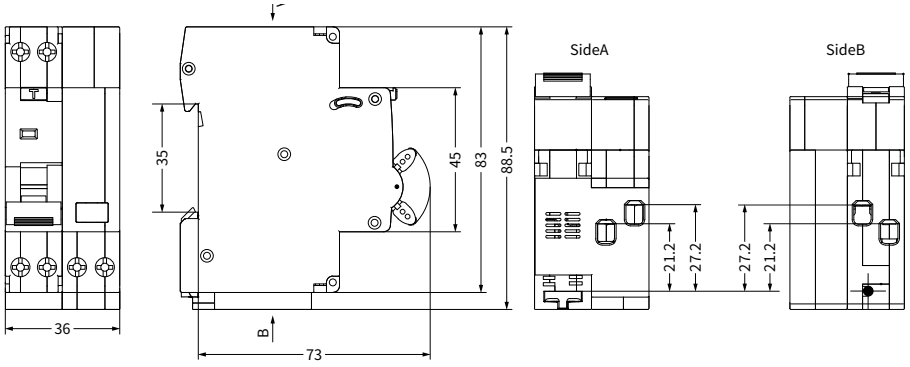
- Arc Fault Protection.
- Overload Protection.
- Short-Circuit Protection.
- Earth-Leakage Protection.

TECHNICAL DATA

- Mode: Electronic
- Type: A for AC/DC current
- Rated operating voltage Ue: 240V 50/60 Hz
- Insulation voltage Ui: 400V
- Circuit breaker rated current: according to the table
- Residual current responsiveness: 30mA
- Break time under IΔn: ≤0.1s
- Circuit breaker tripping curve: C
- Energy limiting class: 3
- Breaking capacity: 6 000A
- Rated impulse withstand voltage(1.5/50) Uimp:≥4000V
- Dielectric test voltage at ind.Freq. for 1min: 2kV
- Pollution degree: 2
- Electrical life: 4 000 cycles
- Mechanical life: 10 000 cycles
- IP code: IP>20
- Indication for operating (switched on) position
- Terminal connection type:
- Cable
- Pin-type busbar
- U-type busbar
- Terminal size top/bottom for cable: 16mm²
- Terminal size top/bottom for busbar: 16mm²
- Tightening torque: 2.5Nm
- Reference temperature for setting of thermal element: 30°C
- Ambient temperature: -10°C + 65°C
- Installation altitude: up to 2000m



Circuit diagram



Overall and installation dimensions

Catalogue number	Type	Number of poles	Breaking capacity (kA)	Rated current (A)	Packing / Box (pcs)
Leakage current I Δ n (mA)					
30					
40870	JEL8A	1P+N	6	6	1/60
40871	JEL8A	1P+N	6	10	1/60
40872	JEL8A	1P+N	6	16	1/60
40873	JEL8A	1P+N	6	20	1/60
40874	JEL8A	1P+N	6	25	1/60
40875	JEL8A	1P+N	6	32	1/60
40876	JEL8A	1P+N	6	40	1/60

12 YEARS TOTAL WARRANTY
+ 7 standard 5 extended

Scan each QR code to see product price and availability.

PRODUCED IN **ELMARK** FACTORY BULGARIA

ELECTRONIC DPN RESIDUAL CURRENT OPERATED CIRCUIT BREAKER (RCBO), JEL9A RESIDENTIAL TYPE

Documents corresponding to the product:
IEC61009-1



RCBO type A for AC/DC current

DESCRIPTION OF THE OPERATING SYSTEM

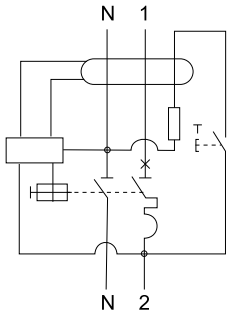
RCBO JEL9A provide protection against earth faults, overloads, short circuits and over-voltage in commercial and domestic installation. The RCBO with both disconnected neutral and phase guarantees its proper actuation against earth leakage faults even when the neutral and phase are wrongly connected the electronic RCBO incorporate a filtering device preventing the risks of unwanted due to transient voltages and transient currents.

FUNCTIONS

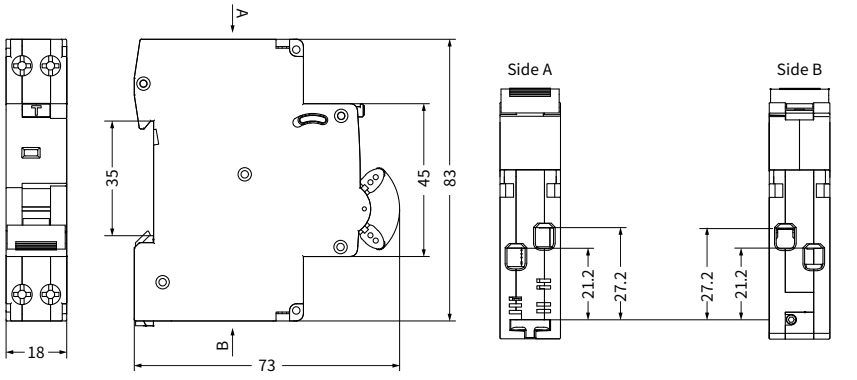
- Overload Protection
- Short-Circuit Protection
- Earth-Leakage Protection

TECHNICAL DATA

- Mode: Electronic
- Type: A for AC/DC current
- Rated operating voltage Ue: 240V 50/60 Hz
- Insulation voltage Ui: 500V
- Circuit breaker rated current: according to the table
- Residual current responsiveness: 30mA
- Break time under IΔn: ≤0.1s
- Circuit breaker tripping curve: C
- Energy limiting class: 3
- Breaking capacity: 6 000A
- Rated impulse withstand voltage(1.5/50) Uimp:≥4000V
- Dielectric test voltage at ind.Freq. for 1min: 2kV
- Pollution degree: 2
- Electrical life: 4 000 cycles
- Mechanical life: 10 000 cycles
- IP code: IP>20
- Indication for operating (switched on) position
- Terminal connection type:
- Cable
- Pin-type busbar
- Terminal size top/bottom for cable: 16 mm²
- Terminal size top/bottom for busbar: 16 mm²
- Tightening torque: 2.5Nm
- Reference temperature for setting of thermal element: 30°C
- Ambient temperature: -10°C + 65°C
- Installation altitude: up to 2000 m



Circuit diagram



Overall and installation dimensions (mm)

Catalogue number Leakage current I Δ n (mA) 30	Type	Number of poles	Breaking capacity (kA)	Rated current (A)	Packing / Box (pcs)
40500A	JEL9A	DPN (1P+N)	6	6	1/90
40501A	JEL9A	DPN (1P+N)	6	10	1/90
40502A	JEL9A	DPN (1P+N)	6	16	1/90
40503A	JEL9A	DPN (1P+N)	6	20	1/90
40504A	JEL9A	DPN (1P+N)	6	25	1/90
40505A	JEL9A	DPN (1P+N)	6	32	1/90
40506A	JEL9A	DPN (1P+N)	6	40	1/90

Scan each QR code to see product price and availability.

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COMBINED SURGE ARRESTERS TYPE 1 + 2



Type 1+2 for AC current

Combined surge arresters type 1 + 2 are coordinated in advance. They can manage and prevent the high energy during a thunderbolt and to assure the better level of security of electricity of the electrical equipment

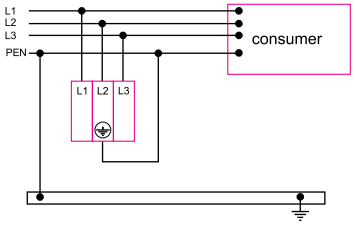
Surge arresters Type 1 is used to catch the energy caused by higher electricity compared to the capacity of direct thunderbolt. The security device has passed a successful test according to the standards with electric wave 10/350 (class 1 test).

Surge arresters Type 2 is used to catch the energy caused by higher electricity, compared to the capacity of indirect strike or commutative overvoltage. The security device has passed a successful test according to the standards with electric wave 8/20 (class 2 test).

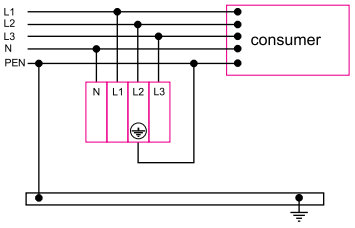
Response time: <25 nS
Voltage protection level: 1,5kV

Catalogue number	Type of arrester	Max inpluse current limp (10/350μS)	Max discharge current Imax (8/20 μS)	Nominal line voltage Un (V)	Earthing system
64502	SPD-X/1P+N	12.5kA	50kA	230	TT,TN-S
64503	SPD-X/3P	12.5kA	50kA	230/400	TN-C
64504	SPD-X/3P+N	12.5kA	50kA	230/400	TT,TN-S

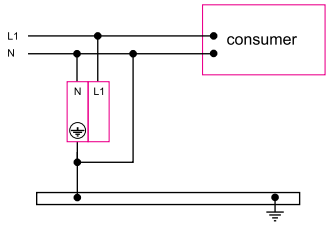
Three phase protection TN-C system



Three phase protection TN-S system



Mono-phase protection TT system



7 YEARS TOTAL WARRANTY
+ 7 standard
0 extended

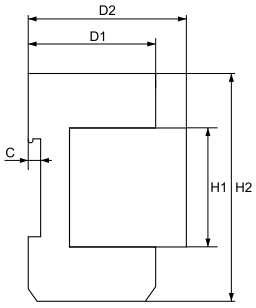
Scan each QR code to see product price and availability.

SURGE ARRESTERS SPD TYPE 2 FOR AC CURRENT

Documents corresponding to the product:
Standard EN61 643-1



Type 2 for AC current



The surge arrester consists of a semi-conductor valve element that opens at certain conditions. At normal conditions of the system, the surge arrester has infinitely high resistance between the protected conductors and earthing circuit. At voltage increase due to atmospheric nature or system failure, the valve element opens and leads the excessive voltage to the grounded circuit. After reversion of the normal voltage the valve element closes. The arrester can endure high momentary overloading.

FUNCTIONS

- protection of heavy-loaded electrical circuits from overload
- used to protect not only particular consumers/circuits, but also the whole panel
- remarkable with high reliability of current characteristics
- control: automatic switching off at exit failure and recovery after eliminating the danger

CONNECTING

- flexible or rigid conductors with corresponding section

MOUNTING

- on DIN-rail
- mounting position: vertical
- mounting in the distribution box on the front or right before the breaker according to the attached schemes
- Breakers plastic material of UV rays and nonflammable
- Ambient temperature: -10°C + 65°C
- Installation altitude: up to 2000m

TECHNICAL DATA

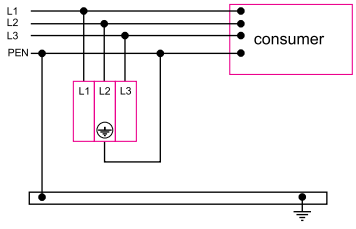
- Rated operating voltage Uc: - the operating voltage of the surge arrester 275/440V; 50Hz
- Surge voltage Up: the voltage created in surge arrester terminals at rated discharge current running: according to the tables
- Rated discharge current In – the rated value of discharge current with a sinusoid 8/20μs, which can be repeatedly led to the ground: according to the tables
- Full discharge current Imax – the peak value of the discharge current with a sinusoid 8/20μs, which the surge arrester can bear once: according to the table
- Constant operating current: up to 800μA for 1P, 2P and 3P; up to 600μA for 1P + N, 3P + N
- Indication for damaged surge arrester
- Offered in types: 1P; 1P + N; 3P; 3P + N

Dimensions (mm)

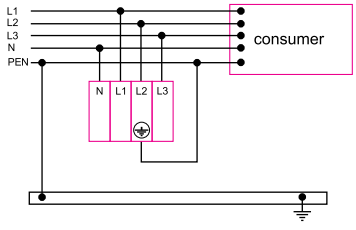
C	H1	H2	D1	D2
5	90	45	43.5	58

COLOUR CODE for all types 5кА - yellow; white – 10кА; green – 20 кА and red 40кА

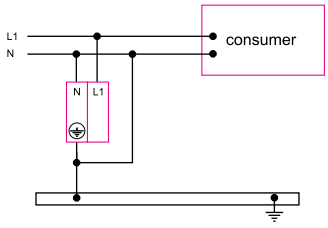
Three phase protection TN-C system



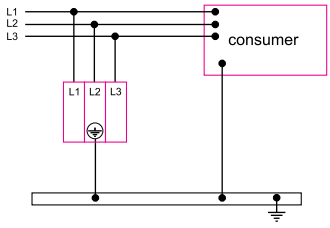
Three phase protection TN-C system



Monophase protection TT system



Three phase protection IT system



7 YEARS TOTAL WARRANTY
7 standard
0 extended

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The Brand of Electricity

The surge arrester selection is made according to the overload risk level or atmosphere activity, named B, C or D (from high to low risk level).

THE COMPANY OFFERS THE FOLLOWING MODELS OF ARRESTERS

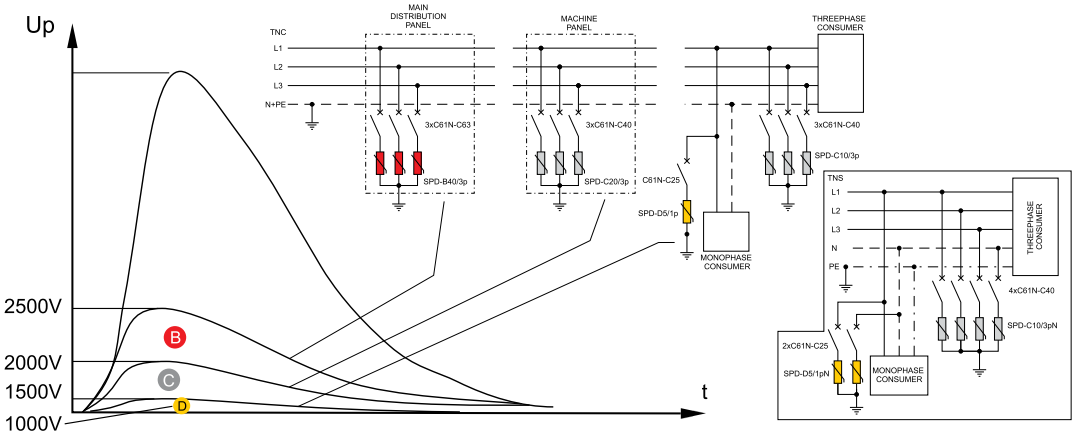
Model SPD – Bxxxx – for systems with exceptionally high risk level. Mounted mainly in the beginning of the installation or in the main panel.
Model SPD – Cxxxx – for systems with high or average risk level. Mounted in the beginning of the installation or before the breaker.
Model SPD – Dxxxx – for systems with low risk level. Suitable for secondary protection of consumers in combination with SPD – Bxxxx/SPD – Cxxxx



Catalogue number	Type of the arrester	In (kA)	Imax (kA)	Uc (V)	Up (kV)	Packing/Box (pcs)
64101	SPD-D5/1p	5	10	275	1.2	17/170
64102	SPD-C10/1p	10	20	275	1.2	17/170
64103	SPD-C20/1p	20	40	275	1.8	17/170
64104	SPD-B40/1p	40	60	275	2	17/170



Catalogue number	Type of the arrester	In (kA)	Imax (kA)	Uc (V)	Up (kV)	Packing/Box (pcs)
64201	SPD-D5/1pN	5	10	275	1.2	8 / 80
64202	SPD-C10/1pN	10	20	275	1.2	8 / 80
64203	SPD-C20/1pN	20	40	275	1.8	8 / 80
64204	SPD-B40/1pN	40	60	275	2	8 / 80



COLOUR CODE for all types 5кА - yellow; white – 10кА; green – 20 кА and red 40кА

7 YEARS TOTAL WARRANTY
+ 7 standard
0 extended

Scan each QR code to see product price and availability.

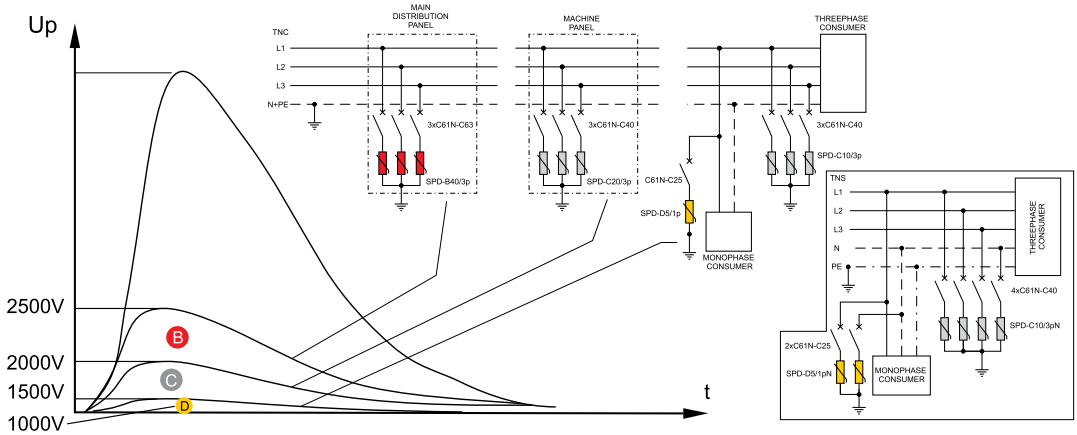


Catalogue number	Type of the arrester	In (kA)	Imax (kA)	Uc (V)	Up (kV)	Packing/Box (pcs)
64301	SPD-D5/3p	5	10	440	1.2	5 / 50
64302	SPD-C10/3p	10	20	440	1.2	5 / 50
64303	SPD-C20/3p	20	40	440	1.8	5 / 50
64304	SPD-B40/3p	40	60	440	2	5 / 50



Type 2 for AC current

Catalogue number	Type of the arrester	In (kA)	Imax (kA)	Uc (V)	Up (kV)	Packing/Box (pcs)
64401	SPD-D5/3pN	5	10	440	1.2	4 / 40
64402	SPD-C10/3pN	10	20	440	1.2	4 / 40
64403	SPD-C20/3pN	20	40	440	1.8	4 / 40
64404	SPD-B40/3pN	40	60	440	2	4 / 40



COLOUR CODE for all types 5кА - yellow; white – 10кА; green – 20 кА and red 40кА

Scan each QR code to see product price and availability.

7 YEARS TOTAL WARRANTY
7 standard
0 extended

TESTED IN **ELMARK** FACTORY BULGARIA

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COMPACT SERIES SURGE ARRESTERS SPD TYPE 2 FOR AC CURRENT



FUNCTIONS

- Protect electrical system from thunder and instants over-voltage

TECHNICAL DATA

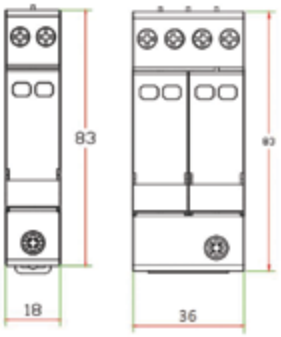
- Rated working voltage: 220V AC
- Frequency: 47-63Hz
- Type: 2
- Voltage protection level Up: 1.5kV
- Short-circuit current rating Isccr: 100A
- Response time : <25ns
- Earthing System: TT/TN
- Operational Temperature range: from -5 to 40 °C
- Humidity : 5% to 95%
- Terminal capacity: L & N : 2.5-16.0 mm², PE : 4.0-25.0 mm²
- Terminal type: Pin
- ON/OFF indication window: Green- normal function; Red- non-functioning and immediate replacement required

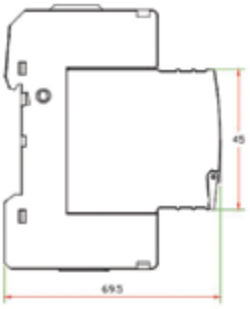
MOUNTING

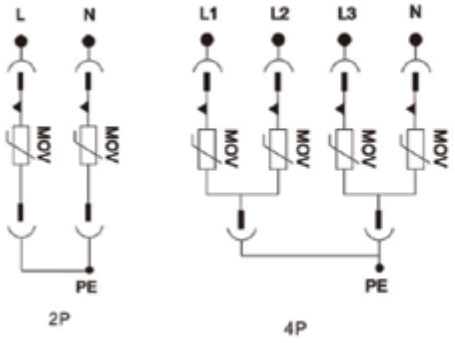
- on DIN-rail

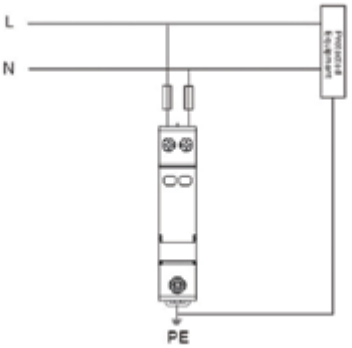


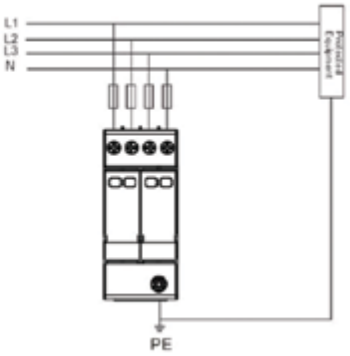
Catalogue number	Model	Number of poles	In (kA)	Imax (kA)	Uc (V)	Up (kV)	Packing/Box (pcs)
64220	SPD-C2-275-20	1+NPE	10	20	275	1.5	12/240
64221	SPD-C2-275-40	1+NPE	20	40	275	1.5	12/240
64222	SPD-C4-385-20	3+NPE	10	20	385	1.8	6/120
64223	SPD-C4-385-40	3+NPE	20	40	385	1.8	6/120











7 YEARS TOTAL WARRANTY
+ 7 standard
0 extended

Scan each QR code to see product price and availability.

COMBINED SURGE ARRESTERS AC/DC, TYPE 2

Specially designed surge arresters providing protection of solar and photo - voltaic systems; designed to protect system against over voltages resulting from indirect light impact. They could be installed in earthed and non - earthed systems. They break photo - voltaic generator electric circuit when voltage reaches or over passes limit threshold value, providing photo - voltaic protection against destroying.



Type 2 for AC/DC current

Catalogue number	Type of the arrester	In (kA)	Imax (kA)	Uc (V)	Up (kV)	Packing/Box (pcs)
64105	SPD-DC-D5/1p	5	10	275 AC/440 DC	≤ 1.2	17 / 170
64106	SPD-DC-C10/1p	10	20	275 AC/440 DC	≤ 1.5	17 / 170
64107	SPD-DC-C20/1p	20	40	275 AC/440 DC	≤ 1.8	17 / 170
64108	SPD-DC-B40/1p	30	60	275 AC/440 DC	≤ 2.2	17 / 170



Type 2 for AC/DC current

Catalogue number	Type of the arrester	In (kA)	Imax (kA)	Uc (V)	Up (kV)	Packing/Box (pcs)
64205	SPD-DC-D5/1pN	5	10	275 AC/440 DC	≤ 1.2	8 / 80
64206	SPD-DC-C10/1pN	10	20	275 AC/440 DC	≤ 1.5	8 / 80
64207	SPD-DC-C20/1pN	20	40	275 AC/440 DC	≤ 1.8	8 / 80
64208	SPD-DC-B40/1pN	30	60	275 AC/440 DC	≤ 2.2	8 / 80



Type 2 for AC/DC current

Catalogue number	Type of the arrester	In (kA)	Imax (kA)	Uc (V)	Up (kV)	Packing/Box (pcs)
64305	SPD-DC-D5/3p	5	10	385 AC/500 DC	≤ 1.2	5 / 50
64306	SPD-DC-C10/3p	10	20	385 AC/500 DC	≤ 1.5	5 / 50
64307	SPD-DC-C20/3p	20	40	385 AC/500 DC	≤ 1.8	5 / 50
64308	SPD-DC-B40/3p	30	60	385 AC/500 DC	≤ 2.2	5 / 50

Type 2 for AC/DC current

COLOUR CODE for all types 5кА - yellow; white – 10кА; green – 20 кА and red 40кА

7 YEARS TOTAL WARRANTY
+ 7 standard
0 extended

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DC SURGE PROTECTION DEVICES FOR PHOTOVOLTAGE (PV) SYSTEMS, TYPE 2

Documents corresponding to the product:
IEC/EN61643-31

Type 2 PV SPD is a DC surge protector specially designed for photovoltage power supply systems. Max continuous operating voltage reach DC1500V. These units must be installed in parallel on the DC networks to be protected and provide common and different modes protection. Its installed location is recommended at both ends of the DC power supply line (solar panel side and inverter/converter side), especially if the line routing is external and long. Type 2 SPDs protect against indirect lightning strikes, which are characterized by 8/20 µs waveforms. An 8/20 µs waveform means that the strike has an 8 µs rise time and a duration to one-half peak of 20 µs.



Type 2 for DC current

DC curent type

TECHNICAL DATA

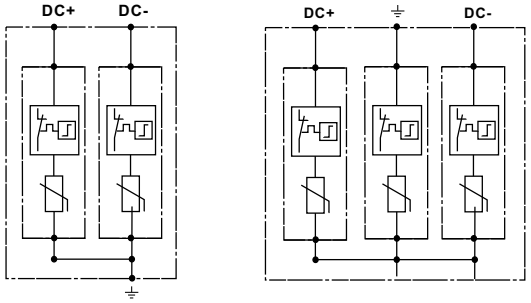
- SPD classification according to IEC/EN61643-31: T2
- Max. continuous operating a.c.voltage Ucpv:
  - 2P: 600 and 1000V
  - 3P: 1500V
- Nominal discharge current (8/20µs) In: 20kA
- Maximum discharge current (8/20µs) Imax: 40kA
- Voltage protection level DC+/DV-to PE:
  - 2P 600V: ≤2.6kV
  - 2P 1000V: ≤4kV
  - 3P 1500V: ≤5.2kV
- Operating temperature range (Tu): -40°~80°
- Operating State/Fault Indication: Green/Red
- Cross-section area (Min.): 4 mm²
- Cross-section area (Max.): 35 mm²
- Enclosure material: Thermal Plastic UL94-V0
- Ingress Protection: IP20

Catalogue number	Number of poles	In (kA)	Imax (kA)	Ucpv	Packing/Box (pcs)
64209	2P	20	40	600	1/60
64210	2P	20	40	1000	1/60
64309	3P	20	40	1500	1/40

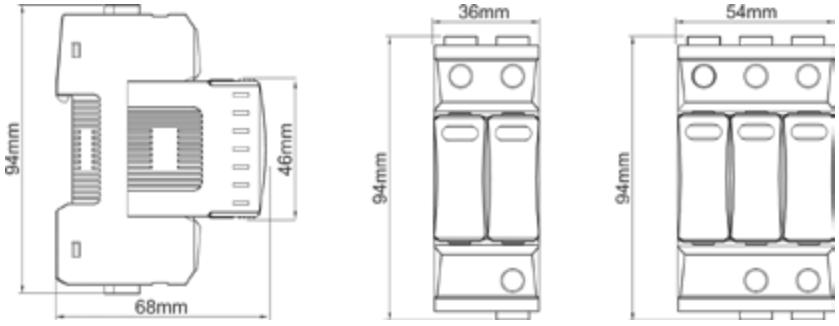


Type 2 for DC current

DC curent type



Circuit diagram



Overall and installation dimensions

7 YEARS TOTAL WARRANTY
7 standard
0 extended

Scan each QR code to see product price and availability.

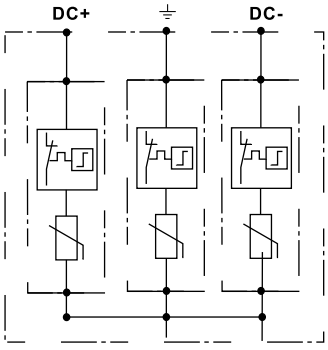
DC SURGE PROTECTION DEVICES FOR PHOTOVOLTAGE (PV) SYSTEMS, TYPE 1+2

Documents corresponding to the product:
IEC/EN61643-31

T1+T2 three-module photovoltage surge protective device (SPD) (with three -step DC switching device) features visual indication and optional remote contact signaling (floating changeover contact) for use in PV systems.

TECHNICAL DATA

- SPD classification according to IEC/EN61643-31: T1+T2
- Max. continuous operating a.c.voltage Ucpv: 1000 and 1500 VDC
- Impulse Discharge Current Iimp (10/350 µs): 6.25kA
- Total Discharge Current Itotal (10/350 µs): 12.5kA
- Nominal discharge current In (8/20µs): 20kA
- Maximum discharge current Imax (8/20µs): 40kA
- Voltage protection level DC+/DV-to PE: ≤5.2kV
- Response time: ≤25ns
- Operating temperature range (Tu): -40°~80°
- Operating State/Fault Indication: Green/Red
- Cross-section area (Min.): 4 mm²
- Cross-section area (Max.): 35 mm²
- Enclosure material: Thermal Plastic UL94-V0
- Ingress Protection: IP20



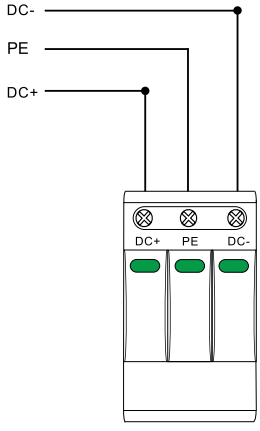
Circuit diagram



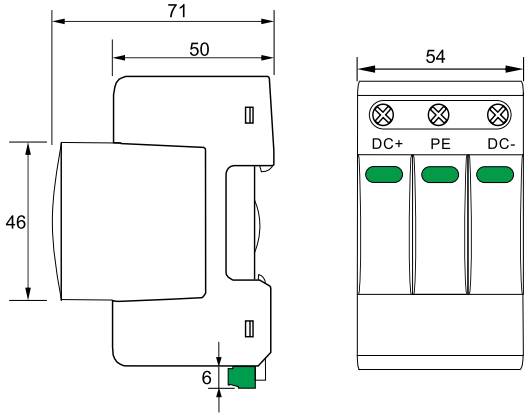
Type 1+2 for DC current

DC curent type

Catalogue number	Number of poles	In (kA)	Imax (kA)	Ucpv	Packing/Box (pcs)
64310	3P	20	40	1000	1/40
64311	3P	20	40	1500	1/40



Connection diagram



Overall and installation dimensions

7 YEARS TOTAL WARRANTY
+ 7 standard
0 extended

Scan each QR code to see product price and availability.

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THREE POLE (3P) LOW VOLTAGE CONTACTORS LT1-D/HK

Documents corresponding to the product:
Standard EN 60947-1; EN 60 947-4-1

LT 1 D contactors are alternating current contactors for control of circuits and consumers operating in class AC3. It is suitable for consumers with rated current up to 95A. The contactors are offered in a type with 1 NO contact for operating circuit making and the models over 40A also have 1NC operating contactor.

FUNCTIONS

- switching on/off heavy-loaded electrical circuits at controlling signal to the coil
- making of control systems
- used as an operating element in process control panels
- remarkable with high reliability of current characteristics
- reliable separation of power contactors
- secured cover of the movable part of the contactor

CONNECTING

- flexible conductors with or without cable terminal
- rigid conductors

MOUNTING

- on DIN-rail
- with bolts to the surface
- mounting position: vertical gradient-max. ± 5°
- Plastic: wear resistance of UV rays and nonflammable (self-extinguishing material)
- Ambient temperature: -10°C + 65°C
- Altitude: up to 2000m

TECHNICAL DATA

- Number of poles: 3
- Operation class: utilization category AC-3
- Rated operating voltage of power contactors: up to 690V; 50/60Hz
- Composition of the power contact surfaces: unalloyed copper with coating 80% AgSnO
- Surge voltage wear resistance: >8000V
- Rated voltage of the coil: from 12 to 400V AC
- Coil material: pure copper type QA-1
- Magnetic core material: alloy steel type 360
- Moveable part material: Bakelite
- Limits of the controlling coil voltage: operating range of coil
- Joining terminal: screw terminal
- Electrical wear resistance (number of cycles): ≥1000000
- Mechanical wear resistance (number of cycles): ≥10000000
- Number of cycles per hour: 1200 UP TO 32A; 600 for 40-95A
- Pole leaking power: up to 13W
- Pole leaking power: up to 10W



Type LT1-D/ 3P



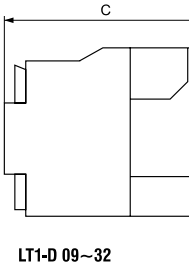
Type LT1-D/ 3P



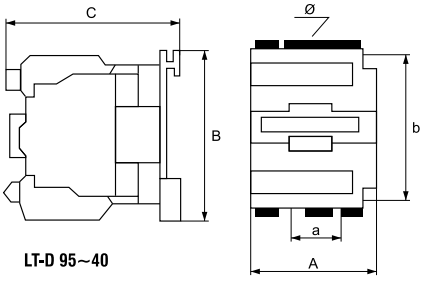
Type LT1-HK/ 3P

Overall dimensions (mm)

Type	a	b	Ø	A	B	C
LT1-HK 06~12/LT-1K	34/35	45	4.5	45	50	50
LT-D 09~12	34/35	50/60	4.5	47	70	82
LT1 D18	34/35	50/60	4.5	47	70	87
LT1 D25	40	48	4.5	57	80	95
LT1 D32	40	48	4.5	57	80	100
LT-D 40~65	40	100/110	6.5	77	126	116
LT-D 80~95	40	100/110	6.5	87	126	127



LT1-D 09~32
LT1 - K



LT-D 95~40

7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

Scan each QR code to see product price and availability.

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Catalogue number according to the coil voltage (V)		Type number	Rated capacity (kW)					Power consumption of coil (VA)		Rated current in AC-3 440V to up	Tightening moment (N.m)	Section of the power supply conductor	Packing/ Box (pcs)
230V	400V		220V 230V	380V 400V	415V	440V	660V 690V	closed inrush	open hold				
23061E	23062E	LT 1 - HK 0610 1NO	1.5	2.2	2.2	2.2	3	7	60	6A	1.7	0.75-2.5	1/100
23091	23092	LT1 - D0910 1NO	2.2	4	4	4	5.5	7	60	9A	1.7	1-4	1/50
23273	23270	LT1 - D0901 1NC	2.2	4	4	4	5.5	7	60	9A	1.7	1-4	1/50
23121	23122	LT1 - D1210 1NO	3	5.5	5.5	5.5	7.5	7	60	12A	1.7	1-4	1/50
23274	23280	LT1 - D1201 1NC	3	5.5	5.5	5.5	7.5	7	60	12A	1.7	1-4	1/50
23181	23182	LT1 - D1810 1NO	4	7.5	9	9	10	7	60	18A	1.7	1-4	1/50
23275	23286	LT1 - D1801 1NC	4	7.5	9	9	10	7	60	18A	1.7	1-4	1/50
23251	23252	LT1 - D2510 1NO	5.5	11	11	11	15	7.5	90	25A	2.5	2.5-10	1/50
23276	23292	LT1 - D2501 1NC	5.5	11	11	11	15	7.5	90	25A	2.5	2.5-10	1/50
23321	23322	LT1 - D3210 1NO	7.5	15	15	15	18.5	7.5	90	32A	2.5	2.5-10	1/50
23401	23402	LT1 - D4011 1NO+1NC	11	18.5	22	22	30	20	200	40A	5	2.5-16	1/20
23501	23502	LT1 - D5011 1NO+1NC	15	22	25	25	33	20	200	50A	5	6-25	1/20
23651	23652	LT1 - D6511 1NO+1NC	18.5	30	37	37	37	20	200	65A	5	6-25	1/20
23801	23802	LT1 - D8011 1NO+1NC	22	37	45	45	45	20	200	80A	9	10-50	1/15
23951	23952	LT1 - D9511 1NO+1NC	25	45	45	45	45	20	200	95A	9	10-50	1/15

Catalogue number according to the coil voltage (V)					Type number	Rated capacity (kW)					Power consumption of coil (VA)		Rated current in AC-3 440V to up	Tightening moment (N.m)	Section of the power supply conductor	Pack./ Box (pcs)
12V	24V	36V	48V	110V		220V 230V	380V 400V	415V	440V	660V 690V	closed inrush	open hold				
23063E	23064E	23065E	23066E	23067E	LT 1 - HK 0610 1NO	1.5	2.2	2.2	2.2	3	7	60	6A	1.7	0.75-2.5	1/100
23093	23094	23095	23096	23097	LT1 - D0910 1NO	2.2	4	4	4	5.5	7	60	9A	1.7	1-4	1/50
23271	23272	23277	23278	23279	LT1 - D0901 1NC	2.2	4	4	4	5.5	7	60	9A	1.7	1-4	1/50
23123	23124	23125	23126	23127	LT1 - D1210 1NO	3	5.5	5.5	5.5	7.5	7	60	12A	1.7	1-4	1/50
23281	23282	23283	23284	23285	LT1 - D1201 1NC	3	5.5	5.5	5.5	7.5	7	60	12A	1.7	1-4	1/50
23183	23184	23185	23186	23187	LT1 - D1810 1NO	4	7.5	9	9	10	7	60	18A	1.7	1-4	1/50
23287	23288	23289	23290	23291	LT1 - D1801 1NC	4	7.5	9	9	10	7	60	18A	1.7	1-4	1/50
23253	23254	23255	23256	23257	LT1 - D2510 1NO	5.5	11	11	11	15	7.5	90	25A	2.5	2.5-10	1/50
23293	23294	23295	23296	23297	LT1 - D2501 1NC	5.5	11	11	11	15	7.5	90	25A	2.5	2.5-10	1/50
23323	23324	23325	23326	23327	LT1 - D3210 1NO	7.5	15	15	15	18.5	7.5	90	32A	2.5	2.5-10	1/50
23403	23404	23405	23406	23407	LT1 - D4011 1NO+1NC	11	18.5	22	22	30	20	200	40A	5	2.5-16	1/20
23503	23504	23505	23506	23507	LT1 - D5011 1NO+1NC	15	22	25	25	33	20	200	50A	5	6-25	1/20
23653	23654	23655	23656	23657	LT1 - D6511 1NO+1NC	18.5	30	37	37	37	20	200	65A	5	6-25	1/20
23803	23804	23805	23806	23807	LT1 - D8011 1NO+1NC	22	37	45	45	45	20	200	80A	9	10-50	1/15
23953	23954	23955	23956	23957	LT1 - D9511 1NO+1NC	25	45	45	45	45	20	200	95A	9	10-50	1/15

7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

Scan each QR code to see product price and availability.

PRODUCED IN **ELMARK** FACTORY BULGARIA

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FOUR POLE (4P) LOW VOLTAGE CONTACTORS LT1-D

Documents corresponding to the product:
Standard EN 60947-1; EN 60 947-4-1



LT1 25A-4P



LT1 80A-4P

LT 1 D contactors are alternating current contactors for control of circuits and consumers operating in class AC3. It is suitable for consumers with rated current up to 95A. The contactors are offered in a type with 1 NO contact for operating circuit making and the models over 40A also have 1NC operating contactor.

FUNCTIONS

- Switching on/off heavy-loaded electrical circuits at controlling signal to the coil
- Making of control systems
- Used as an operating element in process control panels
- Remarkable with high reliability of current characteristics
- Reliable separation of power contactors
- Secured cover of the movable part of the contactor

CONNECTING

- Flexible conductors with or without cable terminal
- Rigid conductors

MOUNTING

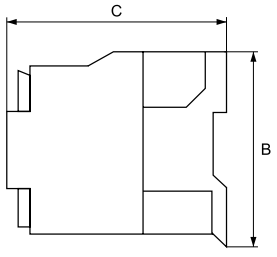
- On DIN-rail
- With bolts to the surface
- Mounting position: vertical gradient-max. ± 5°
- Plastic: wear resistance of UV rays and nonflammable (self-extinguishing material)
- Ambient temperature: -10°C + 65°C
- Altitude: up to 2000m

TECHNICAL DATA

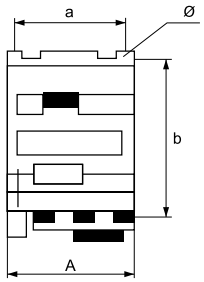
- Number of poles: 4
- Operation class: utilization category AC-3
- Rated operating voltage of power contactors: up to 690V; 50/60Hz
- Composition of the power contact surfaces: unalloyed copper with coating 80% AgSnO
- Surge voltage wear resistance: >8000V
- Rated voltage of the coil: from 12 to 400V AC
- Coil material: pure copper type QA-1
- Magnetic core material: alloy steel type 360
- Movable part material: Bakelite
- Limits of the controlling coil voltage: operating range of coil
- Joining terminal: screw terminal
- Electrical wear resistance (number of cycles): ≥1000000
- Mechanical wear resistance (number of cycles): ≥10000000
- Number of cycles per hour: 1200 UP TO 32A; 600 for 40-95A
- Pole leaking power: up to 13W
- Pole leaking power: up to 10W

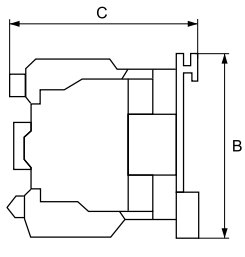
Overall dimensions (mm)

Type	a	b	Ø	A	B	C
LT-D 09~12	34/35	50/60	4.5	47	70	82
LT1 D25	40	48	4.5	57	80	95
LT-D 40~65	40	100/110	6.5	86	126	116/129
LT-D 80~95	40	100/110	6.5	97	126	127/140

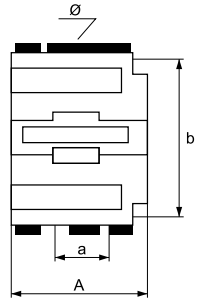


LT1-D 09~32
LT1 - K





LT-D 95~40



7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

Scan each QR code to see product price and availability.

Catalogue number according to the coil voltage (V)		Type number	Rated capacity (kW)					Power consumption of coil (VA)		Rated current in AC-3 440V to up	Tightening moment (N.m)	Section of the power supply conductor	Packing/ Box (pcs)
230V	400V		220V 230V	380V 400V	415V	440V	660V 690V	closed inrush	open hold				
234091	234092	LT1 - D0910 1NO	2.2	4	4	4	5.5	7	60	9A	1.7	1-4	1/50
234121	234122	LT1 - D1210 1NO	3	5.5	5.5	5.5	7.5	7	60	12A	1.7	1-4	1/50
234251	234252	LT1 - D2510 1NO	5.5	11	11	11	15	7.5	90	25A	2.5	2.5-10	1/50
234401	234402	LT1 - D4011 1NO+1NC	11	18.5	22	22	30	20	200	40A	5	2.5-16	1/20
234501	234502	LT1 - D5011 1NO+1NC	15	22	25	25	33	20	200	50A	5	6-25	1/20
234651	234652	LT1 - D6511 1NO+1NC	18.5	30	37	37	37	20	200	65A	5	6-25	1/20
234801	234802	LT1 - D8011 1NO+1NC	22	37	45	45	45	20	200	80A	9	10-50	1/15
234951	234952	LT1 - D9511 1NO+1NC	25	45	45	45	45	20	200	95A	9	10-50	1/15

Catalogue number according to the coil voltage (V)					Type number	Rated capacity (kW)					Power consumption of coil (VA)		Rated current in AC-3 440V to up	Tightening moment (N.m)	Section of the power supply conductor	Pack./ Box (pcs)
12V	24V	36V	48V	110V		220V 230V	380V 400V	415V	440V	660V 690V	closed inrush	open hold				
234093	234094	234095	234096	234097	LT1 - D0910 1NO	2.2	4	4	4	5.5	7	60	9A	1.7	1-4	1/50
234123	234124	234125	234126	234127	LT1 - D1210 1NO	3	5.5	5.5	5.5	7.5	7	60	12A	1.7	1-4	1/50
234253	234254	234255	234256	234257	LT1 - D2510 1NO	5.5	11	11	11	15	7.5	90	25A	2.5	2.5-10	1/50
234403	234404	234405	234406	234407	LT1 - D4011 1NO+1NC	11	18.5	22	22	30	20	200	40A	5	2.5-16	1/20
234503	234504	234505	234506	234507	LT1 - D5011 1NO+1NC	15	22	25	25	33	20	200	50A	5	6-25	1/20
234653	234654	234655	234656	234657	LT1 - D6511 1NO+1NC	18.5	30	37	37	37	20	200	65A	5	6-25	1/20
234803	234804	234805	234806	234807	LT1 - D8011 1NO+1NC	22	37	45	45	45	20	200	80A	9	10-50	1/15
234953	234954	234955	234956	234957	LT1 - D9511 1NO+1NC	25	45	45	45	45	20	200	95A	9	10-50	1/15

7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

Scan each QR code to see product price and availability.

PRODUCED IN **ELMARK**
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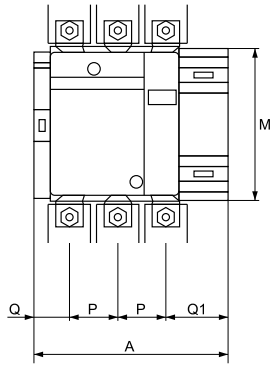
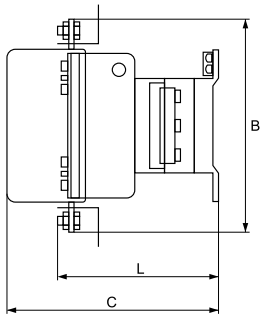
THREE POLE LOW VOLTAGE CONTACTORS LT1-F

Documents corresponding to the product:
Standard EN 60947-1; EN 60 947-4-1







The contactors LT 1- F are alternating current contactors used to control circuits and consumers operating in normal working conditions with switching on /off the consumer and dirty working environment. They are suitable for consumers with electrical power consumption from 115A to 800A.

FUNCTIONS

- Frequently switching on/off heavy-loaded electrical circuits at controlling signal to the coil
- Making of systems for consumers' control
- Used as an operating element in process control panels
- Remarkable with high reliability of current characteristics
- Reliable separation of power contactors
- Secured cover of the movable part of the contactor

CONNECTING

- Flexible conductors with or without cable terminal
- Rigid conductors
- rail

MOUNTING

- With bolts to the surface
- Mounting position: vertical gradient – maximum± 10°C

TECHNICAL DATA

- Operation class: utilization category AC-3
- Rated operating voltage of power contactors: up to 1000V; 50/60Hz
- Composition of the power contact surfaces: unalloyed copper with coating 80% AgSnO
- Surge voltage wear resistance: >8000V
- Coil composition: pure coil copper QA-1 type
- Magnetic core composition: steel alloy 360
- Movable part composition: bakelite
- Limits of the controlling coil voltage: operating range of coil
- Joining terminal: screw terminal
- Electrical wear resistance (number of cycles): ≥10000000
- Mechanical wear resistance (number of cycles): ≥10000000
- Number of cycles (switching on) per hour: 200
- Pole leaking power: from 16 to 80W
- Plastic: wear resistance of UV rays and non-flammable (self-extinguishing material)
- Ambient temperature: -10°C + 65°C
- Altitude: up to 2000m

Overall dimensions (mm)

Type	A	B	C	L	M	Q	Q1	P
LT 1 F150	163.5	170	171	107	150	26	57.5	40
LT 1 F225	168.5	197	181	113.5	172	21	51.5	48
LT 1 F265	201.5	203	181	141	178	39	66.5	48
LT 1 F400	213	206	219	145	182	43	74	48
LT 1 F630	309	304	255	155	264	60	89	80
LT 1 F800	309	304	255	155	264	60	89	80

Catalogue number according to the coil voltage (V)					Type number	Motor rated capacity (kW)							Power consumption of coil (VA)		Rated current in AC-3 440V to up	Tightening moment (N.m)	Packing/ Box (pcs)
230V	400V	36V	48V	110V		220V 230V	380V 400V	415V	440V	500V	660V 690V	1000V	closed	open			
23111	23112	23115	23116	23117	LT1 - F115	30	55	59	59	59	80	60	45	550	115 A	18	1 / 4
23151	23152	23155	23156	23157	LT1 - F150	40	75	80	80	90	100	65	45	550	150 A	25	1 / 4
23861	23862	23865	23866	23867	LT1 - F225	63	110	110	110	129	129	100	55	805	225 A	35	1 / 2
23261	23262	23265	23266	23267	LT1 - F265	75	132	140	140	160	160	147	10	700	265 A	35	1 / 2
23751	23752				LT1 - F400	110	200	220	250	257	280	185	18	1000	400 A	50	1 / 1
23771	23772				LT1 - F630	200	335	375	400	400	450	450	25	1500	630 A	50	1 / 1
23881	23882				LT1 - F800	250	450	450	450	450	475	450	15	1300	800 A	50	1 / 1

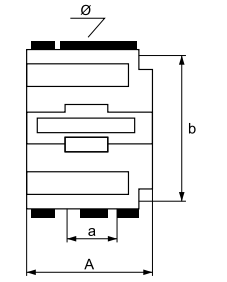
Note: At mounting the containers from the series in control schemes a distance must be provided at the side of the contactor in case of eventual coil change.

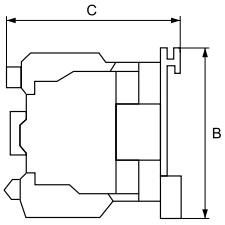
7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

Scan each QR code to see product price and availability.

LOW VOLTAGE CONTACTORS WITH DIRECT CURRENT COIL LP1-D

Documents corresponding to the product:
Standard EN60947-1; EN 60947-4-1





LP1-D 09~95



DC curent type

The contactors LP1 D are alternating current contactors with DC operating of coil for control. The power plugs of the contactor are designed for control of alternating current circuits and consumers operating in normal operating class AC-3 with frequently switching on/ off the consumer and dirty working environment. The contactors are suitable for consumers with electrical power consumption from 9A to 225A.

FUNCTIONS

- Switching on/off alternating current consumers in direct current controlling schemes at controlling signal to the coil
- Making of systems for consumers' control
- Used as an operating element in process control panels
- Remarkable with high reliability of current characteristics
- Reliable separation of power contacts
- Secured cover of the movable part of the contactor

CONNECTING

- Flexible conductors with or without cable terminal
- Rigid conductors

MOUNTING

- on DIN-rail
- with bolts to the surface
- mounting position: vertical gradient- max. ± 5°

TECHNICAL DATA

- Rated operating voltage of the coil: from 12V DC to 220V DC
- Rated operating voltage of the power circuit: up to 690V DC
- Insulation voltage: 690V
- Surge voltage wear resistance: >8000V
- Limits of the controlling coil voltage: operating range of coil
- Joining terminal: screw terminal
- Electrical wear resistance (number of cycles): ≥10000000
- Mechanical wear resistance (number of cycles): ≥10000000
- Number of cycles per hour: 1200 up to 32A; 600 for 40-95A
- Pole leaking power: up to 13W
- Plastic: wear resistance of UV rays and non-flammable (self-extinguishing material)
- Ambient temperature: -10°C + 65°C
- Altitude: up to 2000m

Overall dimensions (mm)

Type	A	B	C	a	b
LP 1 D0910	47	76	95	34/35	50/60
LP 1 D1210	47	76	95	34/35	50/60
LP 1 D1810	47	76	95	34/35	50
LP 1 D2510	57	86	101	40	50
LP 1 D3210	57	86	101	40	50
LP 1 D4011	77	129	176	40	100
LP 1 D5011	77	129	176	40	100
LP 1 D6511	77	129	176	40	100
LP 1 D9511	87	129	182	40	100
LP 1 F115	163.5	170	171	40	150
LP 1 F150	163.5	170	171	40	150
LP 1 F225	168.5	197	181	48	172

Catalogue number according to the coil voltage (V DC)						Type	Rated current (A)	Auxiliary contact (pcs.)	Rated capacity of the consumer (kW)					Packing/ Box (pcs)
12V	24V	36V	48V	110V	230V				230V	400V	415V	440V	690V	
23962	23098	23130	23971	23980	23139	LP 1 D0910	9	1NO	2.20	4.00	4.00	4.00	5.50	1/40
23963	23128	23131	23972	23981	23140	LP 1 D1210	12	1NO	3.00	5.50	5.50	5.50	7.50	1/40
23964	23188	23132	23973	23982	23141	LP 1 D1810	18	1NO	4.00	7.50	7.50	7.50	10.0	1/30
23925	23258	23133	23974	23983	23142	LP 1 D2510	25	1NO	5.50	11.0	11.0	11.0	15.0	1/20
23966	23328	23134	23975	23984	23143	LP 1 D3210	32	1NO	7.50	15.0	15.0	15.0	18.5	1/30
23967	23408	23135	23976	23985	23144	LP 1 D4011	40	1NO+1NC	11.0	18.5	18.5	18.5	30.0	1/10
23968	23508	23136	23977	23986	23145	LP 1 D5011	50	1NO+1NC	15.0	22.0	22.0	22.0	33.0	1/10
23969	23658	23137	23978	23987	23146	LP 1 D6511	65	1NO+1NC	18.5	30.0	30.0	30.0	37.0	1/10
23970	23958	23138	23979	23988	23147	LP 1 D9511	95	1NO+1NC	25.0	45.0	45.0	45.0	45.0	1/10
		23914	23917	23989	23148	LP 1 F115	115	1NO	30.0	55.0	59.0	59.0	80.0	1/4
		23915	23918	23990	23149	LP 1 F150	150	1NO	40.0	75.0	80.0	80.0	100	1/4
		23916	23919	23994	23201	LP 1 F225	225	1NO	63.0	110	110	110	129	1/2

7 YEARS TOTAL WARRANTY
+ 5 standard
2 extended

Scan each QR code to see product price and availability.

PRODUCED IN **ELMARK** FACTORY BULGARIA

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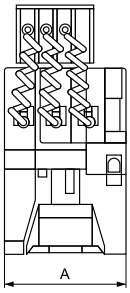
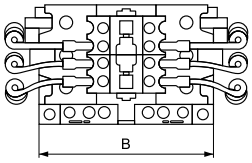
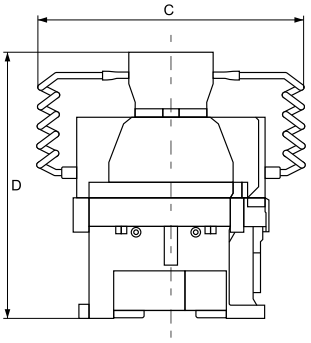
The Brand of Electricity

LOW VOLTAGE CONTACTORS FOR SWITCHING ON OF CAPACITOR BANKS CJ19-43

Documents corresponding to the product:
Standard EN60947-1; EN 60947-4-1









The AC contactors CJ19-43 are specially designed electrical devices for commutation of three phase capacitors used for power correction. They are alternating current contactor LT1 Dxx with mounted a group for peak current lowering from the transitional process of the capacitor's switching on/off. This group is a combination of current limiting resistors, switched on in the beginning of the transitional process (switching on/off of the capacitor group). The contactors are suitable for capacitors with rate up to 50 kVAr.

FUNCTIONS

- Switching on/off of capacitor banks for reactive power compensation
- Making of systems for compensation of the energy reactive component
- Lowering of the peak transitional currents at switching on/off of the capacitor
- Remarkable with high reliability of current characteristics
- Reliable separation of power contacts
- Secured part of the contactor against consumer contact
- do not allow manual operation

CONNECTING

- Flexible conductors with or without cable terminal
- Rigid conductors

MOUNTING

- On DIN-rail or
- With bolts to the surface
- Mounting position: vertical gradient-max. ± 5°
- Plastic: wear resistance of UV rays and nonflammable (self-extinguishing material)
- Ambient temperature: -10°C + 65°C
- Altitude: up to 2000m

TECHNICAL DATA

- Operation class: utilization category AC6b
- Rated operating voltage of the controlling coil: 230V AC; 50/60Hz
- Rated operating voltage of the power circuit: up to 690V AC
- Insulation voltage: 690V
- Surge voltage wear resistance: >8000V
- Limits of the controlling coil voltage: from 0.8 to 1.15 Uc
- Number of the contacts: 3 NO power contacts +1NO operative
- Joining terminal: screw terminal
- Electrical wear resistance (number of cycles): ≥300000
- Mechanical wear resistance (number of cycles): ≥1000000
- Number of cycles (switching on) per hour: up to 600
- Pole leaking power: up to 13W

Overall dimensions (mm)

Type	A	B	C	D
CJ19-32 DPK	56	74	130	150
CJ19-40 DPK	75	127	180	150
CJ19-65 DPK	85	127	200	157
CJ19-95 DPK	85	127	200	157
CJ19-115DPK	122	165	230	157
CJ19-150DPK	122	165	230	157
CJ19-170DPK	122	165	230	157

Catalogue number	Type	Rated current (A)	Rated capacity of the consumer (kVAr)		Coil voltage (V)	Packing/Box (pcs)
			400/440V	690V		
23932	CJ19-32 DPK	32	8	12.5	230	1/20
23910	CJ19-32 DPK	32	8	12.5	400	1/20
23900	CJ19-40 DPK	40	12.5	15	230	1/16
23940	CJ19-40 DPK	40	12.5	15	400	1/16
23961	CJ19-65 DPK	65	25	30	230	1/16
23965	CJ19-65 DPK	65	25	30	400	1/16
23909	CJ19-95 DPK	95	30	36	230	1/16
23995	CJ19-95 DPK	95	30	36	400	1/16
23991	CJ19-115 DPK	115	35	40	230	1/4
23992	CJ19-150 DPK	150	40	50	230	1/4
23993	CJ19-170 DPK	170	50	60	230	1/4

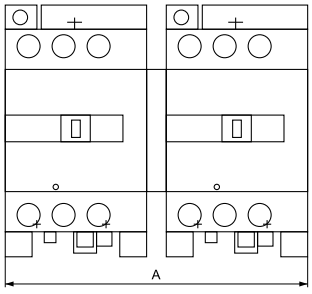
7 YEARS TOTAL WARRANTY
5 standard
2 extended

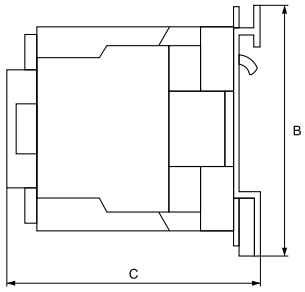
Scan each QR code to see product price and availability.

REVERSE CONTACTORS LT4-DXX

Documents corresponding to the product:
Standard EN60947-1; EN 60947-4-1

LT 4-Dxx series contactors is suitable for across- the line starting and reversing of-3 phase squirrel cage and slip ring motors. It consist of two magnetic contactors LT1D. The contactor is provided whit a built-in interlock safety mechanism. The contactor is used for reverse control of induction motors with shortly rotor. The contactors from the series are offered for consumers up to 95A.







FUNCTIONS

- Switching on of electrical motors in one direction of rotation and reversing of the rotation direction at outside command
- Making of control systems
- Remarkable with high reliability of current characteristics
- Reliable switching on or separation of power contacts
- Secured part of the contactors against consumer contact
- Secured cover of the movable part of the contactor
- Impossibility for simultaneous switching on of the two contactors from the group due to mechanical locking

CONNECTING

- Flexible conductors with or without cable terminal
- Rigid conductors

MOUNTING

- On DIN-rail or with bolts to the surface
- Mounting position: vertical gradient – max. ± 5°
- Plastic: wear resistance of UV rays and non-flammable (self-extinguishing material)
- Ambient temperature: -10°C + 65°C
- Altitude: up to 2000m

TECHNICAL DATA

- Operation class: AC 3
- Rated operating voltage of the controlling coil: 230V AC; 50/60 Hz
- Rated operating voltage of the power circuit: up to 690V AC
- Insulation voltage: 690V
- Surge voltage wear resistance: >8000V
- Limits of the controlling coil voltage: from 0.8 to 1.15 Uc
- Number of plugs: 3 NO power contacts +1NO Operative (for contactors over 40A there is also Additional 1NC contact)
- Joining terminal: screw terminal
- Electrical wear resistance (number of cycles): ≥1 000 000
- Mechanical wear resistance (number of cycles): ≥10 000 000
- Number of cycles (switching on) per hour: up to 600
- Pole leaking power: up to 13W ≥10000000
- Number of cycles per hour: 1200 up to 32A; 600 for 40-95A
- Pole leaking power: up to 13W

Overall dimensions (mm)

Type	A	B	C
LT 4 - D1810	100	70	83
LT 4 - D2510	130	80	98
LT 4 - D3210	130	80	105
LT 4 - D4011	167	126	116
LT 4 - D6511	167	126	116
LT 4 - D9511	182	127	127

Catalogue number	Type	Rated current (A)	Rated capacity of the consumer (kW)					Packing/ Box (pcs)
			230V	400V	415V	440V	690V	
23301	LT 4 D1810	18	4	7.5	7.5	7.5	10	1 / 20
23302	LT 4 D2510	25	5.5	11	11	11	15	1 / 20
23303	LT 4 D3210	32	7.5	15	15	15	18.5	1 / 20
23304	LT 4 D4011	40	11	18.5	18.5	18.5	30	1 / 8
23305	LT 4 D6511	65	18.5	30	30	30	37	1 / 8
23306	LT 4 D9511	95	25	45	45	45	45	1 / 6

Note: The contactors are offered without factory cabling

7 YEARS TOTAL WARRANTY
5 standard + 2 extended

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AUXILIARY CONTACTS

Documents corresponding to the product:
Standard EN 60947-4-1



AUXILIARY CONTACTS LT01

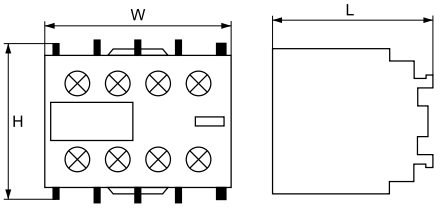
At necessity the element provide auxiliary number of contacts. They are specially designed for mounting on the movable part of the magnetic core of the contactors LT 1K/D series.

FUNCTIONS
- Extending the number of the operative contactors up to 4 in different
- Combinations:
  - Switches on simultaneously with the other contact system of the contactor

CONNECTING
- Flexible conductors with or without cable terminal
- Rigid conductors

TECHNICAL DATA
- Operation class: AC 3
- Insulation voltage: 690V
- Joining terminal: screw terminal
- Plastic: wear resistance of UV rays and nonflammable (self-extinguishing material)

MOUNTING
- On the movable cover of the contactor through pinching
- Mounting position: vertical gradient - max. ± 5°



Dimensions (mm)

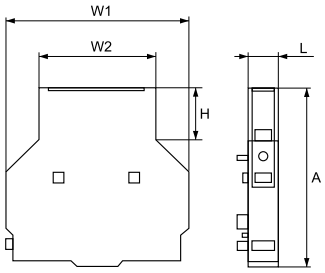
H	W	L	W1	W2	H2	L1	L2
32	40	35	26	45	48	6.5	37

Catalogue number	Type	For Contactor Series	Number of contacts	Rated current	Section of the conductor (mm²)
23002	LT01-DN02	LT1-D & LT1-F	2NC	6A	0,5-1
23011	LT01-DN11	LT1-D & LT1-F	NO+NC	6A	0,5-1
23020	LT01-DN20	LT1-D & LT1-F	2NO	6A	0,5-1
23022	LT01-DN22	LT1-D & LT1-F	2NO+2NC	6A	0,5-1
23040	LT01-DN40	LT1-D & LT1-F	4NO	6A	0,5-1
23004	LT01-DN04	LT1-D & LT1-F	4NC	6A	0,5-1
23001	LT01-KN11	LT1-HK	NO+NC	6A	0,5-1
23003	LT01-KN22	LT1-HK	2NO+2NC	6A	0,5-1

7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

Scan each QR code to see product price and availability.

AUXILIARY CONTACTS LT03-DN11





Providing on necessity additional number of plug points and are mounted sideward to the movable part of the magnetic cores of contactors of the series LT1D till 65A. Variants with two additional plug points NO and NC are offered.

FUNCTIONS

- Expanding the number of the operational plug points
- Switching on simultaneously with the rest of the contact system of the contactor

TECHNICAL DATA

- Environment operational regime: AC 3
- Insulation voltage: 690V
- Double connector: screw connector
- Plastic: resistant to UV and non-burning (self extinguishing material)

CONNECTING

- Flexible conductors with or without cable end
- solid conductors

MOUNTING

- Mounting position- sideward to the contactor

Dimensions (mm)

W1	W2	H	L	A
73	48	22	12.5	72

Catalogue number	Type	Rated current	Section of the conductor (mm^2)
23311	LT03-DN11	6A	0,5-1

TIME DELAY CONTACT BLOCK LT02-DXX



LT02-Dxx is designed to set time intervals from 0.1 to 180s in different control schemes. It is used most frequently in combination with contactors from LT1-Dxx series to form "star/delta" starters for electrical motor control, as it provides the necessary time for motor winding.

Dimensions (mm)

W	W2	L1	h1	h2	H
33	45	48	22	14	59

Catalogue number	Type	Number of contacts	Time delay	Delay
23901	LT02-DT0	NO+NC	0.1~3s	ON
23902	LT02-DT2	NO+NC	0.1~30s	ON
23903	LT02-DT4	NO+NC	10~180s	ON
239022	LT02-DT22	NO+NC	0.1~30s	OFF

7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

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MODULE CONTACTORS K SERIES

Documents corresponding to the product:
Standard EN 61095



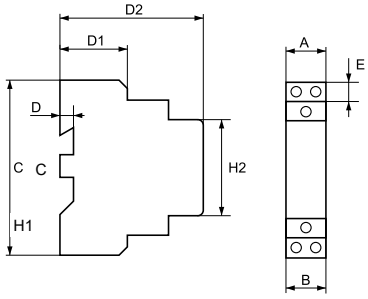
Modular contactors K series are used for commutation of mono-phase and three-phase low power electrical consumers. They provide connection between the consumers in small overall dimensions, silent work, mounting only at DIN-rails.

FUNCTIONS
- switching on of consumers
- making of control systems
- remarkable with high reliability of current characteristics
- reliable switching on or separation of power contacts

CONNECTING
- flexible conductors with or without cable terminal
- rigid conductors

MOUNTING
- on DIN-rail or
- mounting position: vertical gradient- max.± 5°

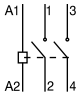
TECHNICAL DATA
- Operation class: AC 7a
- Rated operating voltage of the controlling coil: 230V AC; 50/60 Hz
- Rated operating voltage of the power circuit: up to 690V AC
- Insulation voltage: 690V
- Surge voltage wear resistance: >8000V
- Joining terminal: screw terminal
- Plastic: wear resistance of UV rays and non-flammable (self-extinguishing material)
- Ambient temperature: -10°C + 65°C
- Altitude: up to 2000m



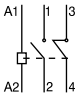
Dimensions (mm)

H1	C	D1	D2	A	E
81	5	31	66	18	9

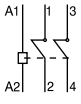
Catalogue number	Type	In	Coil voltage (V)	Contacts	Packing/Box (pcs)
23008	K20	20A	230V	2NO	1/12/120
23007	K20	20A	230V	NO+NC	1/12/120
23009	K20	20A	230V	2NC	1/12/120
23012	K20	25A	230V	NO+NC	1/12/100
23013	K20	25A	230V	2NO	1/12/100
23014	K20	25A	230V	2NC	1/10/100
23015	K20	40A	230V	NO+NC	1/6/60
23016	K20	40A	230V	2NO	1/6/60
23017	K20	40A	230V	2NC	1/6/60
23080	K20	100A	230V	2NO	1/4/40
23083	K20	100A	230V	1NO+1NC	1/4/40
23084	K20	100A	230V	2NC	1/4/40



2NO



NO+NC



2NC

7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

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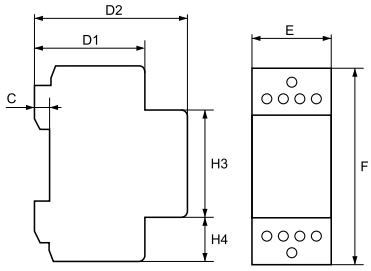
MODULE CONTACTORS K SERIES

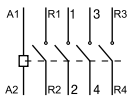




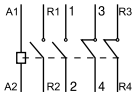
Dimensions (mm)

C	D1	D2	H3	H4	E	F
5	66	48	45	20	35	85

Catalogue number	Type	In	Coil voltage (V)	Contacts	Packing/Box (pcs)
23410	K40	25A	230V	2NO+2NC	1/6/60
23411	K40	25A	230V	3NO+1NC	1/6/60
23412	K40	25A	230V	4NO	1/6/60
23413	K40	25A	230V	4NC	1/6/60
23422	K40	40A	230V	2NO+2NC	1/4/40
23423	K40	40A	230V	3NO+1NC	1/4/40
23409	K40	40A	230V	4NO	1/4/40
23424	K40	40A	230V	4NC	1/4/40
23425	K40	63A	230V	2NO+2NC	1/4/40
23426	K40	63A	230V	3NO+1NC	1/4/40
23427	K40	63A	230V	4NO	1/4/40
23428	K40	63A	230V	4NC	1/4/40
23480	K40	80A	230V	4NO	1/2/20
23483	K40	80A	230V	2NO+2NC	1/2/20
23484	K40	80A	230V	4NC	1/2/20
23485	K40	80A	230V	3NO+1NC	1/2/20



4NO



2NO+2NC

7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

Scan each QR code to see product price and availability.

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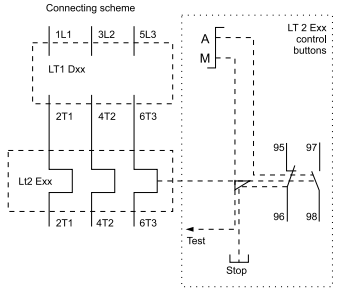
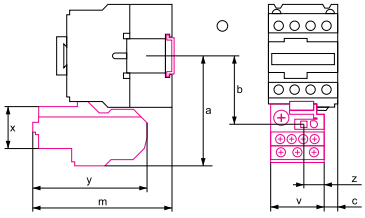
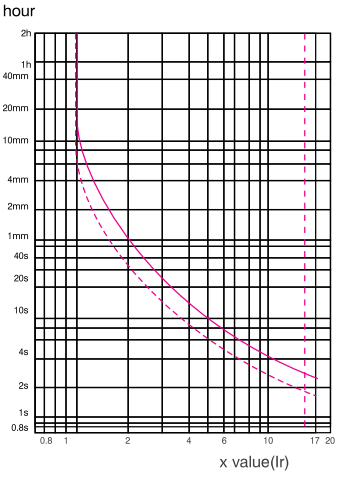
THERMAL OVERLOAD RELAYS

Documents corresponding to the product:
Standard EN 60947-1
EN 60947-4-1









LT 2 - E13xx

The thermal relays LT 2- K/Exx series are three pole relays designed for protection of induction motors from overload or overheat. They are mounted to contactors LT 1 K/Dxx series and an operating circuit for motor control is passed through their NC contacts. They have bimetallic releases /1 per phase/ through them the motors current flows and indirectly mated. The bimetallic releases bend subject to the influence of mating and this results in tripping of the relay. The contacts change switch position. The choice of a suitable protection prevents motor's operation at unusual temperature conditions and guarantees maximum constant operation, increases the effectiveness and prolongs the term of exploitation.

FUNCTIONS

- Switching off alternating current consumers at current overload.
- Making of control systems for consumers.
- Used as a protective operating element in control panels of induction motors.
- Remarkable with high reliability of current characteristics.

CONNECTING

- Flexible or rigid conductors with or without cable terminal for joining to the consumer.
- To the contactor through the relay terminals.
- The connecting terminals with the consumer can be adjusted according to the type of the contactor.

MOUNTING

- Mounting to the contactor: to the terminals of the contactor as it is additionally clamped to its frame through a pin.
- Mounting position: vertical gradient- max. ± 5°

Note: To protect the consumer from short circuit, before the combination contactor- thermal relay, a suitably measured breaker or safety device should be mounted.

TECHNICAL DATA

- Rated operating voltage: up to 690V AC; 50/60 Hz
- Rated operating current range: up to 690V AC
- Insulation voltage: >690V
- Surge voltage wear resistance:≥6000V
- Joining terminal: screw terminal
- Temperature compensation: -25 +55
- Tripping category: class 10A
- Electrical wear resistance (number of. cycles):≥1000000
- Mechanical wear resistance (number of cycles):≥10000000
- Indication for protection activating
- Possibility for choice of the protection restoring (through the blue button)
- Possibility for range adjustment of the protection activating
- Possibility for operation at higher frequency
- Plastic: wear resistance of UV rays and non-flammable (self-extinguishing material)
- Ambient temperature: -10°C + 65°C
- Installation altitude: up to 2000m

Dimensions (mm)

Type	a	b	c	m	x	y	v	z
LT 2 - E13xx	86	55	10.7	108	47	92	44	17
LT 2 - Kxx	81	50	0	98	47	92	44	17
LT 2 - E23xx	86	55	9	109	47	92	44	17
LT 2 - E33xx	115	76	9.5	124	54	109	70	30

Catalogue number	For contactor LT1-D9 to LT1-D25 type	Motor capacity (kW) 220V 230V	380V 400V	660V 690V	Rated current (A)	Protection adjustment range	Packing/Box (pcs)
13001	LT2-E1301	-	-	-	0.16	0.10 - 0.16	1 / 100
13002	LT2-E1302	-	-	-	0.25	0.16 - 0.25	1 / 100
13003	LT2-E1303	-	-	-	0.40	0.25 - 0.40	1 / 100
13004	LT2-E1304	-	-	0.37	0.63	0.40 - 0.63	1 / 100
13005	LT2-E1305	-	-	0.55	1.00	0.63 - 1.00	1 / 100
13006	LT2-E1306	-	0.37	1.10	1.60	1.0 - 1.60	1 / 100
13007	LT2-E1307	0.37	0.75	1.50	2.50	1.6 - 2.50	1 / 100
13008	LT2-E1308	0.75	1.50	3.00	4.00	2.5 - 4.00	1 / 100
13010	LT2-E1310	1.10	2.20	4.00	6.00	4.0 - 6.00	1 / 100
13012	LT2-E1312	2.00	3.70	5.50	8.00	5.5 - 8.00	1 / 100
13014	LT2-E1314	2.20	4.00	7.50	10.0	7.0 - 10.0	1 / 100
13016	LT2-E1316	3.70	5.50	11.0	13.0	9.0 - 13.0	1 / 100
13021	LT2-E1321	4.00	7.50	15.0	18.0	12.0 - 18.0	1 / 100
13022	LT2-E1322	5.50	9.00	18.5	25.0	17.0 - 25.0	1 / 100
13053	LT2-E1353	9.00	11.0	18.5	33.0	23.0 - 32.0	1 / 100

7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

Scan each QR code to see product price and availability.

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7 YEARS TOTAL WARRANTY
5 standard + 2 extended



LT 2 - Kxx

LIMITED STOCK

Catalogue number	For contactor LT1-K06 type	Motor capacity (kW) 220V 230V	380V 400V	660V 690V	Rated current (A)	Protection adjustment range	Packing/ Box (pcs)
13403	LT2-K0303	-	-	-	0.30	0.25 - 0.30	1/100
13406	LT2-K0306	-	0.37	1.10	1.20	1.00-1.60	1/100
13407	LT2-K0307	0.37	0.75	1.50	1.80	1.60-2.50	1/100
13408	LT2-K0308	0.75	1.10	2.20	2.60	2.50-4.00	1/100
13411	LT2-K0312	1.10	2.20	4.00	5.50	3.70 - 5.50	1/100



LT 2 - E23xx

Catalogue number	For contactor LT1-D32 type	Motor capacity (kW) 220V 230V	380V 400V	660V 690V	Rated current (A)	Protection adjustment range	Packing/Box (pcs)
13253	LT2-E2353	11	11	18.5	32	23.0 - 32.0	1 / 100
13255	LT2-E2355	15	15	22.0	36	28.0 - 36.0	1 / 100



LT 2 - E33xx

Catalogue number	For contactor LT1-D40 to LT1-D95 type	Motor capacity (kW) 220V 230V	380V 400V	660V 690V	Rated current (A)	Protection adjustment range	Packing/Box (pcs)
13355	LT2-E3355	18.5	18.5	30	40	30.0 - 40.0	1 / 50
13357	LT2-E3357	22	22	30	50	37.0 - 50.0	1 / 50
13359	LT2-E3359	30	30	37	65	48.0 - 65.0	1 / 50
13363	LT2-E3363	45	45	55	80	63.0 - 80.0	1 / 50
13365	LT2-E3365	55	55	75	93	80.0 - 93.0	1 / 50

Catalogue number	For contactor LT1-F115 to LT1-F150	Motor capacity (kW) 220V 230V	380V 400V	660V 690V	Rated current (A)	Protection adjustment range	Packing/Box (pcs)
13367	LT2-F4367	40	75	100	150	90-150	1/30



Catalogue number	For contactor LT1-F225 to LT1-F400	Motor capacity (kW) 220V 230V	380V 400V	660V 690V	Rated current (A)	Protection adjustment range	Packing/Box (pcs)
13368	LT2-F4368	63	110	129	220	132-220	1/30
13369	LT2-F4369	100	160	220	330	200-330	1/18
13370	LT2-F4370	147	250	335	500	300-500	1/18
For contactor LT1-F630							
13371	LT2-F4371	200	335	450	630	380-630	1/18

Scan each QR code to see product price and availability.

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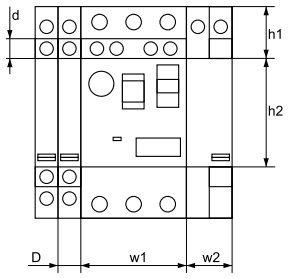
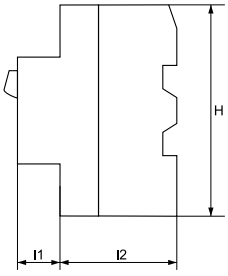
THERMO MAGNETIC AUTOMATIC BREAKERS TM2/TM3

Auxiliary contact **UVR**



Dimensions



The thermomagnetic automatic breakers TM 2-Exx series are devices designed for control and protection of induction motors from overload, overheat or short circuit. The overload motor protection is carried out by the built in the breaker thermal elements, and the short circuit protection is carried out by the magnetic elements. These magnetic elements allow the adjustment of the current leakage which is 13 times the maximum current of the thermal protection. The overload protection elements include automatic compensation for the ambient temperature changes. In combination with under voltage release the thermomagnetic breaker TM 2-Exx also provides protection of the motors from fall out of a phase from the power supply. The choice of a suitable protection prevents motor's operation at unusual temperature conditions and guarantees maximum constant operation, increases the effectiveness and prolongs the term of exploitation.

FUNCTIONS

- Switching off alternating current consumers at current overload
- Switching off the electrical circuit to the consumer at inlet short circuit
- Protects the motor at lack/lowering of the phase voltage (if there is under voltage release)
- Used as a protective operating element in control panels of induction motors
- Remarkable with high reliability of current characteristics
- Possibility for change/choice of the protection current (according to the operating current of the motor)
- Automatic compensation of the ambient temperature

CONNECTING

- Flexible or rigid conductors with or without cable terminal for joining to the consumer
- To the contactor through the relay terminals
- The connecting terminals with the consumer can be adjusted according to the type of the contactor

MOUNTING

- Mounting to DIN-rail
- Mounting position: vertical gradient- max.± 5°

TECHNICAL DATA

- Rated operating voltage: up to 690V AC; 50/60 Hz
- Rated operating current range: from 0.1 to 80A according to the type in table 1
- Insulation voltage: 690V
- Surge voltage wear resistance:≥6000V
- Joining terminal: screw terminal
- Electrical wear resistance (number of cycles): ≥1000000
- Mechanical wear resistance (number of cycles): ≥10000000
- Indication for protection activating
- Switching on of the breaker manually with button "I" and switching off with button "O" manually or automatically at failure or after activating of the protection
- Possibility for range adjustment of the protection activating
- Possibility for operation at higher frequency
- Possibility for independent operation or as an element of an automation system
- Tripping category: class 10A
- Plastic: wear resistance of UV rays and non-flammable (self-extinguishing material)
- Ambient temperature: -10°C + 65°C
- Altitude: up to 2000m

Dimensions (mm)

H	l1	l2	d	D	w1	w2	h1	h2
89	16	50	10	9.2	44.5	18	22	45



7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

Scan each QR code to see product price and availability.

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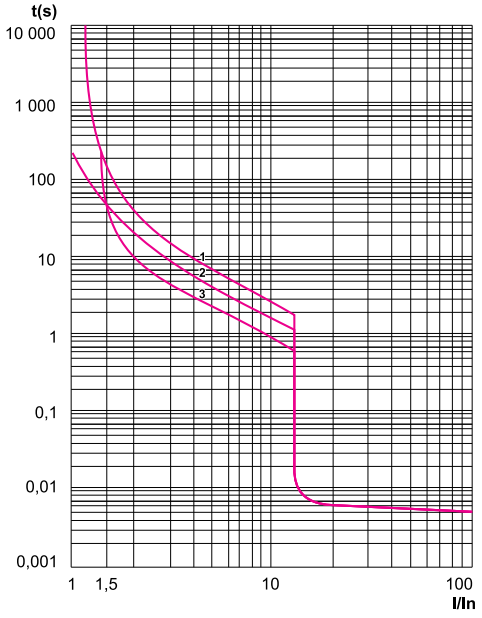
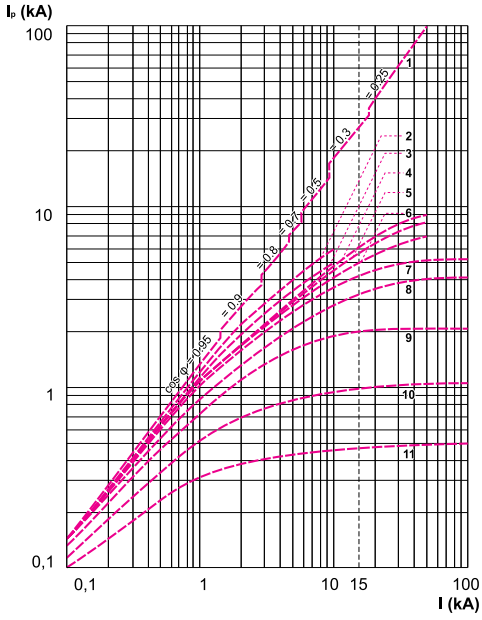
Catalogue number	Type	Rated capacity of three-phase motor in AC-3 category					Instantaneous short-circuit release (A)	Current setting range (A)	Thermal current Ithe TM2-E (A)	Packing/ Box (pcs)
		220V 230V	400V 410V	440V	500V	690V				
48001	TM2-E01	-	-	-	-	-	1.5	0.1 - 0.16	0.16	1 / 50
48002	TM2-E02	-	0.06	0.06	-	-	2.4	0.16 - 0.25	0.25	1 / 50
48003	TM2-E03	0.06	0.09	0.09	-	-	5.0	0.25 - 0.40	0.40	1 / 50
48004	TM2-E04	-	0.12	0.18	-	0.37	8.0	0.40 - 0.63	0.63	1 / 50
48005	TM2-E05	0.09	0.25	0.25	0.37	0.55	13.0	0.63 - 1.00	1	1 / 50
48006	TM2-E06	0.18	0.37	0.37	0.37	0.75	22.5	1 - 1.60	1.6	1 / 50
48007	TM2-E07	0.37	0.75	0.75	1.10	1.50	33.5	1.6 - 2.50	2.5	1 / 50
48008	TM2-E08	0.55	1.10	1.50	1.50	2.20	51.0	2.5 - 4.00	4	1 / 50
48010	TM2-E10	1.10	2.20	2.20	3.00	4.00	78.0	4 - 6.30	6.3	1 / 50
48014	TM2-E14	1.50	3.00	4.00	4.00	5.50	138	6 - 10.0	9	1 / 50
48016	TM2-E16	2.20	5.50	5.50	7.50	9.00	170	9 - 14.0	13	1 / 50
48020	TM2-E20	4.00	7.50	7.50	9.00	15.0	223	13 - 18.0	17	1 / 50
48021	TM2-E21	5.50	9.00	11.0	11.0	18.5	327	17 - 23.0	21	1 / 50
48022	TM2-E22	5.50	11.0	11.0	15.0	22.0	327	20 - 25.0	23	1 / 50
48032	TM2-E32	7.50	15.0	15.0	18.5	22.0	416	24 - 32.0	24	1 / 50
48040	TM3-E40	11.0	18.5	22.0	25.0	33.0	480	25 - 40.0	32	1 / 15
48063	TM3-E63	15.0	30.0	33.0	40.0	55.0	550	40 - 63.0	50	1 / 15
48080	TM3-E80	22.0	40.0	45.0	55.0	63.0	665.5	56 - 80.0	64	1 / 15





Scan each QR code to see product price and availability.

7 YEARS TOTAL WARRANTY
+ 5 standard
2 extended

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ACCESSORIES FOR TM2

Documents corresponding to the product:
Standard EN 60947-1
EN 60 947-2; EN 60947-4-1

VOLTAGE RELEASE (VR) FOR TM2

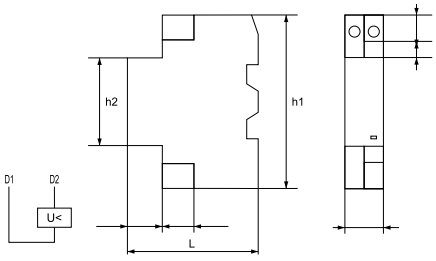
For increasing the effectiveness of the thermomagnetic breakers TM 2-Exx operation, they can be supplied with auxiliary devices, designed for widening the practice range and improving the technical characteristics of the breakers. The release is designed to switch off the thermomagnetic breaker when the controlling voltage falls under breaking level 0.55 to 0.7 UN and does not allow switching on of the breaker unless the voltage is over 0.85 Un.



FUNCTIONS
- Switching off the breaker at power supply voltage fall under 0.55 – 0.7 Un
- does not allow switching on of the breaker when the power supply voltage is under 0.85 Un
- Prevents unwarranted secondary start of the breaker at falling off and restoring of the power supply voltage
- Protects the motor at lack/lowering of the phase voltage
- Used as a protective operating element in control panels of induction motors
- Remarkable with high reliability of current characteristics

MOUNTING
- Laterally to a breaker
- At the side of the breaker through special openings

Catalogue number	Type	Voltage (V)
48099	TM2 AU225	230
48098	TM3 AU385	400



Documents corresponding to the product:
Standard EN 60529
EN 60 947-2; EN 60947-4-1

WATERTIGHT BOX FOR TM2-E

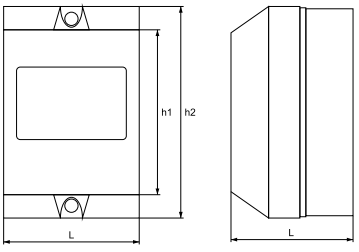
Specially designed plastic box with silicon screen for increasing the IP code from dust and moisture to IP 65. Designed for thermal-magnetic circuit breakers of up to 32A



MOUNTING
- Mounting position: vertical gradient, maximum± 5°
- Mounted to horizontal surfaces (walls) with bolts
- The breaker TM2 Exx is fixed inside of it on rail material

Plastic wear resistance of UV rays and non flammable (self-extinguishing material)

Catalogue number	Type
8083	TM2 E



7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

Scan each QR code to see product price and availability.

AUXILIARY CONTACT BLOCK TM2 AE11- FRONT MOUNTING

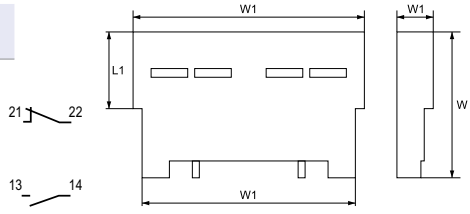


It is designed to switch on operational systems or signalization. Designed with one NO and one NC contact. It changes the position of its contacts according to the position of the breaker (switched on/ off) to which it is mounted.

TECHNICAL DATA
- Plastic: wear resistance of UV rays and non-flammable (self-extinguishing material)
- Ambient temperature: -10°C + 65°C
- Altitude: up to 2000m

MOUNTING
- Laterally to a breaker TM2-Exx

Catalogue number	Type
48912	TM2 AE11



AUXILIARY CONTACT BLOCK TM2 AE11- SIDE MOUNTING

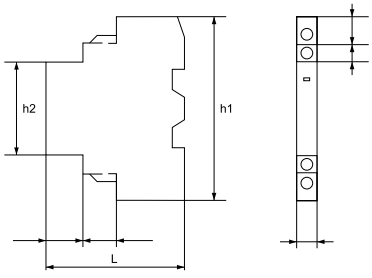


It is designed to switch on operational systems or signalization. Designed with one NO and one NC contact. It changes the position of its contacts according to the position of the breaker (switched on/ off) to which it is mounted.

TECHNICAL DATA
- Plastic: wear resistance of UV rays and non-flammable (self-extinguishing material)
- Ambient temperature: -10°C + 65°C
- Altitude: up to 2000m

MOUNTING
- Laterally to a breaker TM2-Exx

Catalogue number	Type
48911	TM2 AN11
48913	TM3 AN11



7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

Scan each QR code to see product price and availability.

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STARTERS FOR DIRECT START

Documents corresponding to the product:
Standard EN 60947-1
EN 60947-4-1



With thermal overload relays

The electromagnetic starters LT 5 Dxx series are devices designed for remote control, direct control and protection of induction motors or other electrical consumers. They are a combination of contactors LT 1 Dxx series and thermal protection LT 2 Exx factory cabled. The starters are offered on the market in metal or plastic boxes with the corresponding IP code from dust and moisture. At mounting there should be provided protection of the device from short circuit through breakers or disconnectors. If necessary, at client's order the factory mounted thermal protection in the pneumatic starter can be substituted. The choice of a suitable protection prevents motor's operation at unusual temperature conditions and guarantees maximum constant operation, increases the effectiveness and prolongs the term of exploitation.

FUNCTIONS

- Switching on/off alternating current consumers
- Does not allow secondary unwarranted switching on of the starter at transitory lowering of the voltage
- Protects the motor from overload in the range of the corresponding thermal protection
- Remarkable with high reliability of current characteristics

CONNECTING

- Flexible or rigid conductors with or without cable terminal for joining to the consumer and section according to the motor power
- Two by two inlets/outlets supplied with orifices for the cables

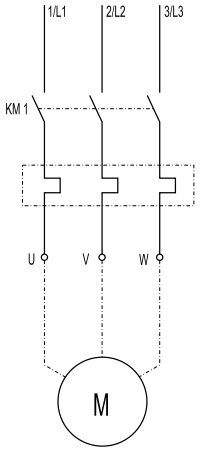
MOUNTING

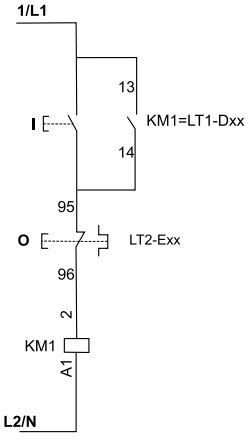
- Mounting to a flat surface (wall) with bolts/screws
- Mounting position: vertical gradient, max.± 5°

TECHNICAL DATA

- Rated voltage of the controlling voltage: 230/400V AC; 50/60 Hz
- Rated operating voltage: 690V
- Rated operating current range: from 7 to 93 A AC
- insulation voltage: 690V
- Surge voltage wear resistance:≥6000V
- Joining terminal: screw terminal
- Little power consumption and small dimensions
- Possibility for range adjustment of the protection activating
- IP code: IP 44
- Possibility for operation at higher frequency
- Plastic: wear resistance of UV rays and non-flammable (self-extinguishing material)
- Metal corpus: corrosion-proof coating
- Ambient temperature: -10°C + 65°C
- Altitude: up to 2000m

Note: In case you need different controlling coils voltage of the starters you can turn to our regional representatives.





7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

Scan each QR code to see product price and availability.

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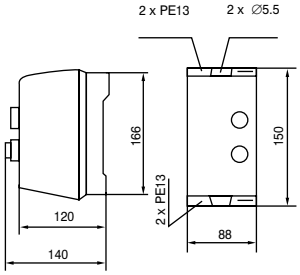
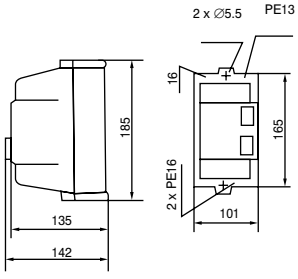


Catalogue number	Type	Rated capacity of motors 50/60Hz AC-3 category 220V 230V	380V 400V	415V 440V	Rated current (A)	Thermal relay adjustment range	Coil voltage (V)	Packing/ Box (pcs)
43091	LT5 D093	2.2	4.0	4.0	9	7 .. 10A	230	1/16
43092	LT5 D093	2.2	4.0	4.0	9	7 .. 10A	400	1/16
43121	LT5 D123	3.0	5.5	5.5	12	9 .. 13A	230	1/16
43122	LT5 D123	3.0	5.5	5.5	12	9 .. 13A	400	1/16
43181	LT5 D185	4.0	7.5	9.0	18	12 .. 18A	230	1/16
43182	LT5 D185	4.0	7.5	9.0	18	12 .. 18A	400	1/16

Note: Upon request the thermal relay will be replaced

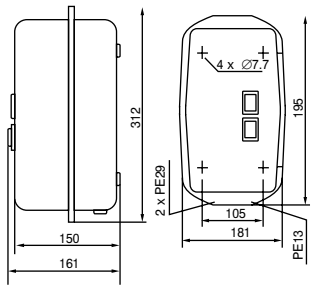




Catalogue number	Type	Rated capacity of motors 50/60Hz AC-3 category 220V 230V	380V 400V	415V 440V	Rated current (A)	Thermal relay adjustment range	Coil voltage (V)	Packing/ Box (pcs)
43251	LT5 D255	5.5	11	11	25	17 .. 25A	230	1/16
43252	LT5 D255	5.5	11	11	25	17 .. 25A	400	1/16
43321	LT5 D325	7.5	15	15	32	23 .. 32A	230	1/16
43322	LT5 D325	7.5	15	15	32	23 .. 32A	400	1/16

Note: Upon request the thermal relay will be replaced





Catalogue number	Type	Rated capacity of motors 50/60Hz AC-3 category 220V 230V	380V 400V	415V 440V	Rated current (A)	Thermal relay adjustment range	Coil voltage (V)	Packing/ Box (pcs)
43401	LT5 D405	11.0	18.5	22	40	30 .. 40A	230	1/6
43402	LT5 D405	11.0	18.5	22	40	30 .. 40A	400	1/6
43651	LT5 D655	18.5	30.0	37	65	48 .. 65A	230	1/6
43652	LT5 D655	18.5	30.0	37	65	48 .. 65A	400	1/6
43951	LT5 D955	25.0	45.0	45	95	80 .. 93A	230	1/6
43952	LT5 D955	25.0	45.0	45	95	80 .. 93A	400	1/6

Note: Upon request the thermal relay will be replaced

7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

Scan each QR code to see product price and availability.

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"STAR/DELTA" STARTER

Documents corresponding to the product:
Standard EN 60947-1
EN 60947-4-1



The electromagnetic starters LT 3 Dxx series are devices designed for remote control, direct control and protection of induction motors coiled and operating according to a starter scheme "star/delta". They are a combination of three contactors LT 1 Dxx series, time relay and a set of buttons "start" and "stop" factory cabled. They provide the easy motor unwinding giving possibility for setting the time for unwinding in "star" as the time for switching between "star" and "delta" is fixed to 0.5 seconds. The starters are offered only on open type:
• open type – for mounting in distribution boxes as at mounting there should be provided protection of the device from short circuit through breakers or disconnectors.
The starters are offered on the market without mounted thermal protection which is purchased separately according to the motor capacity. The choice of a suitable protection prevents motor's operation at unusual temperature conditions and guarantees maximum constant operation, increases the effectiveness and prolongs the term of exploitation. If necessary, at client's order the power supply operating voltage of the pneumatic starter can be changed.

FUNCTIONS

• switching on/off alternating current three phase motors operating according to a scheme "star - delta"
• does not allow secondary unwarranted switching on of the starter at transitory lowering of the voltage
• protects the motor from overload in the range of the corresponding thermal protection
• indication of the operating condition through a valve indicator
• possibility for mounting of additional contacts (for the open type)
• remarkable with high reliability of current characteristics

CONNECTING

• flexible or rigid conductors with or without cable terminal for joining to the consumer and section according to the motor power
• three by three inlets/outlets supplied with orifices for the cables

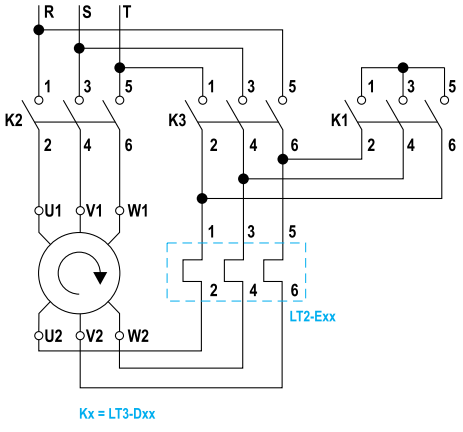
TECHNICAL DATA

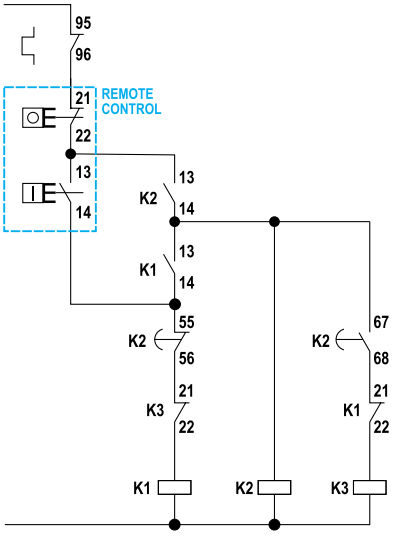
• Rated voltage of the controlling voltage: 400V AC; 50/60 Hz
• Rated operating voltage: 690V
• Rated operating current range: from 7 to 93A AC
• insulation voltage: >690V
• Surge voltage wear resistance:≥6000V
• Joining terminal: screw terminal
• Little power consumption and small dimensions
• Possibility for operation at higher frequency
• The metal body is covered with corrosion-proof paint
• Ambient temperature: -10°C + 65°C
• Altitude: up to 2000m

MOUNTING

• mounting to a flat surface (wall) with bolts/screws
• mounting position: vertical gradient, max.± 5°

Note: In case you need different controlling coils voltage of the starters you can turn to our regional representatives.





7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

Scan each QR code to see product price and availability.

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"STAR/DELTA" STARTER WITHOUT BOX



Overall dimensions (mm)

Type designation (without box)	height	width	depth
LT3-D25A	135	170	160
LT3-D32A	135	170	160
LT3-D40A	150	285	190
LT3-D65A	150	285	190
LT3-D95A	150	310	190

Catalogue number	Type designation (without a box)	Rated capacity (kW)				Rated current (A)	Coil voltage (V AC)	Packing/ Box (pcs)
		220V 230V	380V 400V	415V	440V			
43253	LT3-D25A	11	15	15	15	25	400	1/6
43323	LT3-D32A	15	18.5	18.5	18.5	32	400	1/6
43403	LT3-D40A	18.5	22	22	22	40	400	1/4
43653	LT3-D65A	30	55	55	55	65	400	1/4
43953	LT3-D95A	37	75	75	75	95	400	1/4

Note: It is necessary that thermal protection with suitable range is mounted to protect the controlled motor. The shown values of magnetic starters are for normal regimes for motor control, for hard operation regimes are chosen starters which correspond to the current rating of the motor.

7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

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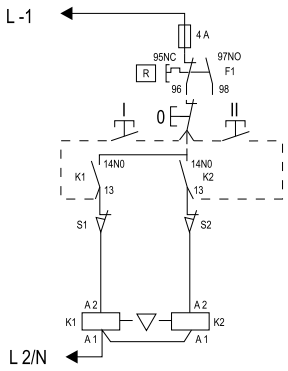
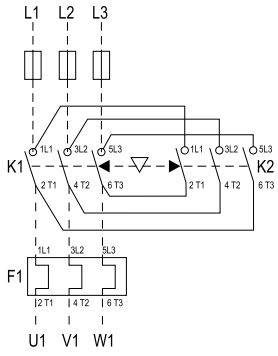
REVERSE STARTER

Documents corresponding to the product:
Standard EN 60947-1
EN 60947-4-1





scheme "Reverse"

The electromagnetic starters LT4 Dxx series are devices used for direct start, reverse start and protection of induction motors with short connected rotor. They are a combination of two contactors LT1 Dxx series supplied with two buttons "start" and one "stop" factory cabled. They provide the unwinding of the motor in one of the directions with possibility for pushing the button "stop" and giving command from the other "start" for changing the motor winding direction. The two contactors are mechanically blocked and do not allow simultaneous start in both winding directions. The starters are offered – closed type in metal boxes providing the corresponding IP code from dust and moisture (IP54) as at mounting there should be provided protection of the device from short circuit through breakers or disconnectors. The starters are offered with mounted thermal protection which can be substituted according to the motor power. The choice of a suitable protection prevents motor's operation at unusual temperature conditions and guarantees maximum constant operation, increases the effectiveness and prolongs the term of exploitation. If necessary, at order the power supply operating voltage of the pneumatic starter can be changed.

FUNCTIONS

- Switching on alternating current three phase motors in one winding direction, switching off and change of the winding direction at giving a signal
- Does not allow secondary unwarranted switching on of the starter at transitory lowering of the voltage
- Protects the motor from overload in the range of the corresponding thermal protection
- Remarkable with high reliability of current characteristics through a valve indicator
- Possibility for mounting of additional contacts (for the open type)
- Remarkable with high reliability of current characteristics

CONNECTING

- Flexible or rigid conductors with or without cable terminal for joining to the consumer and section according to the motor power
- Three by three inlets/outlets supplied with orifices for the cables

TECHNICAL DATA

- Rated voltage of the controlling voltage: 400V AC;
50/60 Hz• Rated operating voltage: 690V
- Rated operating voltage: 690V
- Rated operating current range:
from 7 to 93 A AC
- Insulation voltage: 690V
- Surge voltage wear resistance:≥6000V
- Joining terminal: screw terminal
- Little power consumption and small dimensions
- Possibility for operation at higher frequency
- IP 44
- The metal body is covered with corrosion-proof paint
- Ambient temperature: -10°C + 65°C
- Altitude: up to 2000m

MOUNTING

- Mounting to a flat surface (wall) with bolts/screws
- Mounting position: vertical gradient, max.± 5°

Note: In case you need different controlling coils voltage of the starters you can turn to our regional representatives.



with thermal overload relays

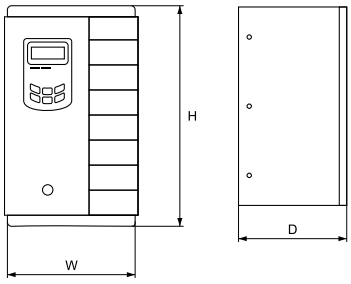
Catalogue number	Type designation (with a box)	Rated capacity (kW)				Overall dimensions (mm)			Rated current (A)	Coil voltage (V AC)	Packing/ Box (pcs)
		220V 230V	380V 400V	415V	440V	height	width	depth			
43001	LT 4 - B - D25A	11.0	15.0	15.0	15.0	240	240	160	25	400	1/8
43003	LT 4 - B - D40A	18.5	22.0	22.0	22.0	270	265	160	40	400	1/2
43005	LT 4 - B - D95A	37.0	75.0	75.0	75.0	270	265	160	95	400	1/4
43006	LT 4 - B - D25A	11.0	15.0	15.0	15.0	240	240	160	25	230	1/4
43007	LT 4 - B - D32A	15.0	18.5	18.5	18.5	240	240	160	32	230	1/4
43008	LT 4 - B - D40A	18.5	22.0	22.0	22.0	270	265	160	40	230	1/4
43009	LT 4 - B - D65A	30.0	55.0	55.0	55.0	270	265	160	65	230	1/4
43010	LT 4 - B - D95A	37.0	75.0	75.0	75.0	270	265	160	95	230	1/4

7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

Scan each QR code to see product price and availability.

ELM 2000+ FREQUENCY INVERTERS

Documents corresponding to the product:
Standard EN61800-3
EN61800-5-1





High-tech motor control concept, based on advanced DSP-technology - ready for V/Hz, SENSORLESS VECTOR, CLV and PMM motor control - intelligent AUTOTUNING functions for easy setup.
Flexible inverter control, dual high resolution analogue inputs, free mappable digital I/O channels. Ready for all commonly used fieldbus systems.
Universal function-set for all kind of industrial and residential applications, including integrated PID/pump controller routines.
Smart PC-tools, for inverter control, parametrization and troubleshooting. Parameter-duplication stick.
Brake chopper integrated.

TECHNICAL DATA

- Power range:
  - 0,4……400 kW
- Power input:
  - Rated input voltage- 1-Phase 220V~240V~±15%); 3-Phase 380V-460V (+/-)15%
  - Input frequency- 44….67 Hz
- Motor output:
  - Output frequency- 0-650 Hz
  - Frequency resolution- 0,01 Hz
  - Overload capability- 150% - 60 sec. / 10 min
- Control mode:
  - Motor control algorithm- V/Hz-SpaceVector, SLVSENSORLESS VECTOR,Torque/Speed control
  - mode CLV-Closed loop vector,Permanent Magnet Synchronous Motor
  - Chopper frequency- 0.8…16 kHz (fixed / random)
  - V/Hz curve- Linear, exponential, and user-programmable curve
  - Starting torque- 150% rated torque at 0,5 Hz (in SLV Mode)
  - Torque compensation- Automatic / Manual
  - Motor data input- Manual, from nameplate / AUTOTUNING
  - Control range- 1:100 in SLV mode,1:1000 in CLV mode,1:20 in PMSM mode
  - Speed precision +/- 0,5% (SLV),+/- 0.02% (CLV)
  - Torque precision +/- 5% (SLV)
  - DC-Brake- User programmable functions
  - Brake chopper- Chopper transistor integrated (up to 90 kW)
- Display:
  - 7 segment, 4 characters
  - Config-Parameters and -value, programmable to display various working parameters
- I/O Channels and control functions:
  - Inverter control- Via terminals / Keypad / Serial link (or combination of all)
  - Digital inputs- 6 (8) Dig. inputs (NPN-PNPselectable) pulstrain-input
  - Speed reference input- Potentiometer (on keypad unit, external), analogue signal (terminals),
  - keypad, internal programmable value, pulsetrain, serial link
  - Analogue channels- analogue channels - 12 BIT: 0…10V, 0...5V, -10V...0...10V, 0..(4)20 mA,
  - all free scalable in gain and offset, and-mathematically concatenable
  - Analogue outputs- 2 analogue outputs, programmable in gain and function (0…10V, 0(4)..20 mA)
  - Digital outputs- 2 digital outputs (free mapping to different functions)
  - Relais output- 1 switchover contact 3A 250VAC/30VDC (programmable assignment)
  - Data link- Serial link RS 485 (MODBUS)
  - Special functions- 24V / 50 mA auxiliary power supply on terminals, 10V potentiometer power
  - supply, 5V/100 mA power supply on modbus connector Simple PTC / KLIXON motor protection
- Protection:
  - Electrical- Overvoltage, undervoltage
  - Overcurrent, overload, motor-overload, output short-circuit
  - Thermal- Heatsink overtemperature, I^2xt motorprotection
- Operating conditions:
  - Protection class IP20
  - Working temperature -10+50 °C
  - Humidity- 0 to 95% RH, non-condensing, noncorrosive
  - Altitude- 1000 m, above 1% derating / 100m
  - Vibration- Max. 0,5 g

Type of sign
ELM2000+ 0015 T3

- T3 — power supply code: T3=three-phase; S2= single phase
- 0015 — motor power
- ELM2000+ — inverter model

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA

ELMARK
The Brand of Electricity

FREQUENCY INVERTERS ELM 2000



Scan and watch detailed video with all product functions.

Catalogue number	Type	Input voltage (V)	Maximum output power (kW)	Maximum current output (A)	Dimensions WxDxH (mm)	Weights (kg)
423400P	E2000-0004 S2B	230	0.4	2.5A	80x140x135	1.40
423401P	E2000-0007 S2B	230	0.7	4.5A	80x140x135	1.50
423402P	E2000-0015 S2B	230	1.5	7A	106x180x150	2.00
423403P	E2000-0022 S2B	230	2.2	10A	106x180x150	2.10
423404P	E2000-0007 T3	400	0.7	2A	106x180x150	2.00
423405P	E2000-0015 T3	400	1.5	4.6A	106x180x150	2.10
423406P	E2000-0022 T3	400	2.2	6.5A	106x180x170	2.20
423407P	E2000-0030 T3	400	3.0	7A	138x235x152	2.50
423408P	E2000-0040 T3	400	4.0	9A	138x235x152	3.00
423409P	E2000-0055 T3	400	5.5	12A	156x265x170	3.50
423410P	E2000-0075 T3	400	7.5	17A	156x265x170	4.50
423411P	E2000-0110 T3	400	11.0	23A	205x340x196	4.80
423412P	E2000-0150 T3	400	15.0	32A	205x340x196	8.00
423413P	E2000-0185 T3	400	18.5	38A	205x340x196	8.50
423414P	E2000-0220 T3	400	22.0	44A	270x435x235	9.00
423415P	E2000-0300 T3	400	30.0	60A	315x480x235	22.50
423416P	E2000-0370 T3	400	37.0	75A	315x480x235	24.00
423417P	E2000-0450 T3	400	45.0	90A	360x555x265	24.50
423418P	E2000-0550 T3	400	55.0	110A	360x555x265	41.50
423419P	E2000-0750 T3	400	75.0	150A	410x650x300	42.00
423420P	E2000-0900 T3	400	90.0	180A	410x650x300	56.00
423421P	E2000-1100 T3	400	110.0	220A	516x765x326	56.50
423422P	E2000-1320 T3	400	132.0	265A	560x910x342	87.00
423423P	E2000-1600 T3	400	160.0	320A	560x910x342	123.00
423424P	E2000-1800 T3	400	180.0	360A	400x1310x385	124.00
423425P	E2000-2000 T3	400	200.0	400A	535x1340x380	125.00
423426P	E2000-2200 T3	400	220.0	440A	535x1340x380	185.00
423427P	E2000-2500 T3	400	250.0	480A	600x1465x380	186.00
423428P	E2000-2800 T3	400	280.0	530A	600x1465x380	225.00
423429P	E2000-3150 T3	400	315.0	580A	600x1465x380	230.00
423430P	E2000-3550 T3	400	355.0	640A	600x1600x388	233.00
423431P	E2000-4000 T3	400	400.0	690A	600x1600x388	234.00

ACCESSORIES FOR FREQUENCY INVERTERS ELM2000 & ELM600



LCD REMOTE FRAME SIZE KEYPAD FOR CABINET IP66

423432P



CABLE FOR REMOTE KEYPAD IP66 - 1.5meter

423433P



PARAMETER COPY STICK

423434P

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA

FREQUENCY INVERTERS ELM 600, SERIES



Scan and watch detailed video with all product functions.

FEATURES

- Best performance/cost ratio, without compromise in reliability and quality.
- Compact design, easy to integrate in your environment: DIN rail mounting, contactor-style I/O.
- Easy to setup: Simple set of optimized parameters for all basic functions and applications.
- PID and HVAC functions - safety integrated - MODBUS - open for networking.
- Internal EMC filter as standard.
- Economical mass production on high automated and dedicated SMT lines.
- General purpose drive - made for the worldwide market.

TECHNICAL DATA

- Power range:
  - Single phase: from 0.75 to 2.2kW
  - Three phase: from 1.5 to 5.5kW
- Rated voltage:
  - Single phase: 200…240V +/- 15%
  - Three phase: 3-phase 380…460V +/- 15%
- Input frequency: 47 - 57Hz
- EMC filter: Integrated (for 2.environment)
- Output voltage: 0 - V input
- Output frequency: 0.5 - 650Hz
- Resolution of output frequency: 0.01 Hz
- Overload capability: 150% - 60 sec. / 10 Min
- PWM control-modes: V/Hz - Mode
- PWM frequency: 0.8 - 6kHz
- V/Hz characteristic: Linear, quadratic, and user-programmable curve
- Starting torque: 100% rated torque at 1 Hz
- DC-Brake: Freq. threshold, duration and intensity programmable – DC injection
- Brake chopper: Integrated chopper transistor
- LED display: 7 Segment, 4- digit for programming and visualization of different operating parameters
- Inverter control - Start/Stop: To configure: terminals / operation panel / serial link
- Digital control inputs: 4 digital inputs (HIGH/LOW configurable)
- Speed reference signal: Potentiometer, analogue input (terminals 0-10V, (0)4-20 mA), operating panel keys, serial link
- Reference analogue channels: 1 Analogue channels 0-10V, (0)4-20 mA
- Analogue outputs: 1 analogue output channel programmable in gain, different functions to assign (0-10V)
- Digitale outputs: 1 digital output (OC, different functions to assign)
- Relays output: 1 switchover contact 3 A 230 V (programmable for different functions)
- Interface: Serial link (MODBUS – ASCI/RTU)
- Special function - control options: Jog mode, 12V / 50 mA auxiliary power supply on terminals PI-control Fixed frequency control, programmable cycling frequency sequence AUTORESET/RESTART function
- Electrical protection functions: Overvoltage, Undervoltage Overcurrent, Overload, Motor-Overload, Output-short Analogue reference interruption
- Thermal protection functions: Heatsink overtemperature
- IP code: IP21
- Operating temperature: from -10 to +40°C
- Humidity: Max. 90 % not condensing, no corrosion
- Elavation: 1000 m - 1% derating / 100m above

Catalogue number	Type	Input voltage (V)	Maximum output power (kW)	Maximum current output (A)	Dimensions WxDxH (mm)	Weights (kg)
423440	ELM600- 0.75kW 1P/230V	230	0.75	4.5	88x140.5x149	0.48
423441	ELM600- 1.5kW 1P/230V	230	1.5	7	88x140.5x149	0.49
423442	ELM600- 2.2kW 1P/230V	230	2.2	10	106x161x170	0.75
423443	ELM600- 1.5kW 3P/400V	400	1.5	4	106x161x170	1.2
423444	ELM600- 2.2kW 3P/400V	400	2.2	6.5	106x161x170	1.3
423445	ELM600- 3.0kW 3P/400V	400	3.0	7.6	106x161x170	1.3
423446	ELM600- 4.0kW 3P/400V	400	4.0	9	106x161x170	1.45
423447	ELM600- 5.5kW 3P/400V	400	5.5	12	106x161x170	1.45

5 YEARS TOTAL WARRANTY
3 standard + 2 extended

Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA

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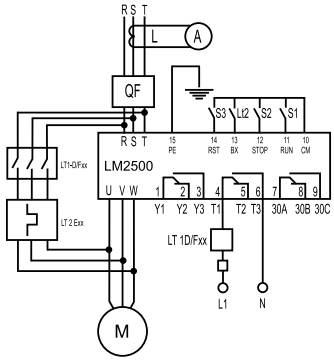
SOFT STARTERS ELM 2500

Documents corresponding to the product:
Standard EN60947-4-2
EN 60947-1

Soft starters are designed to control the start of three-phase induction motors with short-circuited rotor. A number of motor control issues are avoided through them, and namely: prolonged start moments, auto-ignition of motor, there is no need of star-delta switching, auto-transformer switching, resistant switching, etc. The ELM 2500 soft starter pertains to the AC53b type of starters as per the standard requirements and it provides rotation of motor and once the operation mode is set, a shunt contactor of the LT 1 D/F series is switched to control motor operation as the soft starter is not designed to control motors in a set mode. Under a stop command in accordance with the selected control scheme, the soft starter can or can not be included in shutting the motor down.



FUNCTIONS

- System functions:
  - Over-voltage protection – motor will switch off when power supply exceeds the preset limits.
  - Overload protection – protects the motor from overloading.
  - Phase loss protection.
  - Temperature overload protection.
- Control functions:
  - Output faults.
  - Motor faults diagnostics.
  - Keyboard or outward control.
  - Delayed start option.
  - Faults memory.

MOUNTING

- Mounting to a flat surface through bolts.
- Mounting position – vertical gradient maximum ± 5°.

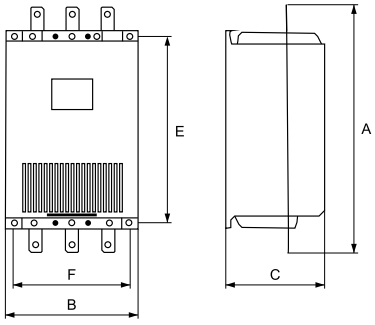
NOTE

When more than one soft starter is mounted in a board, it is recommendable to mount them side by side and when this is not possible, the appropriate cooling conditions should be provided.

- Plastic: UV-rays resistant and fire resistant (self-extinguishing material)
- Altitude : up to 2000 m

TECHNICAL DATA

- Rated working voltage: 230/400V AC; 50 Hz
- Permissible working voltage deviation: ±10%
- Unbalance of phases: < 3%
- Frequency fluctuation: < 5%
- Obligatory bypass contactor installation.



Overall dimensions (mm)

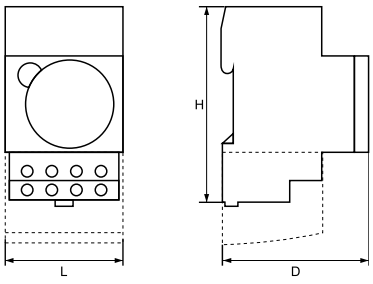
Type	A	B	C	E	F	d
EL M25015	250	153	162	219	140	Ø6
EL M25022	250	153	162	219	140	Ø6
EL M25037	250	153	162	219	140	Ø6
EL M25045	250	153	162	219	140	Ø6
EL M25055	250	153	162	219	140	Ø6
EL M25075	510	260	194	389	232	Ø8



Catalogue number	Type	Power of motor (kW)	Rated current (A)	Type of bypass contactor	Section of power supply con-ductors	Packing/Box (pcs)
42225015	EL M25015	15	30	LT 1-D 50	10	1/1
42225022	EL M25022	22	45	LT 1-D 50	10	1/1
42225037	EL M25037	37	76	LT 1-D 80	16	1/1
42225045	EL M25045	45	90	LT 1-D 95	25	1/1
42225055	EL M25055	55	110	LT 1-F 115	25	1/1
42225075	EL M25075	75	150	LT 1-F 150	35	1/1

5 YEARS TOTAL WARRANTY
+ 3 standard
2 extended

Scan each QR code to see product price and availability.



QUARZ TIME SWITCH WITH POWER RESERVE TM 180

The mechanic relay for time is supposed to be used for managing chains with maximum capacity of 3500W.After the setting ,the timer executes the functions we required in 24 hours regime. The minimum period for setting is 30 minutes as it is executed within 48 pcs segments which the timing of the work and rest of the consumer is being set. The timer is accomplished with a battery which assures the work by 150 hours after power failure.

TECHNICAL DATA

- Rated voltage: 110-240V AC 50/60Hz
- Time range: 24 hours
- Min. programmable interval: 30 minutes
- Time adjustment: manual
- Battery power reserve: 150 hours
- Time deviation: ± 1s (at 20°C)
- Consumption: 2.5VA
- Contact: 1NO
- Contact capacity: 16A
- Electrical endurance: 10^5 times
- Mechanical endurance: 10^7 times
- Section of the conductor: rigid conductors up to 6mm^2



MOUNTING

- DIN-rail

Catalogue number	Type	Dimensions (mm)			Packing/Box (pcs)
		H	L	D	
50138	TM 181	90	53.5	65.5	1/100

5 YEARS TOTAL WARRANTY
3 standard + 2 extended

Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA

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24 HOURS PLUG-IN MECHANICAL TIMER



Mechanical German type plug-in timer with children protector. Two position switch for permanent and time control.

TECHNICAL DATA
- Power supply voltage: 230V; 50Hz
- Min. setting time: 15 min
- Max. setting time: 24 hours
- Active load: up to 16A
- IP20

Catalogue number	Type	Dimensions (mm)			Packing/Box (pcs)
		L	W	H	
50140	EL-PMT-1	82	84	56	1/24/48

2 YEARS TOTAL WARRANTY
+ 2 standard 0 extended

PROGRAMMABLE WEEKLY TIMER



The product according to the time set by the user, automatically turn On/Off the variety of electrical equipment.
Included LI-ion battery

MOUNTING
- With bolts to the surface

TECHNICAL DATA
- Power supply voltage: 220-250V; 50/60Hz
- Adjustment range: 1 min
- Active load: up to 30A
- Operations: 17 switching ON/OFF per day, up to 119 ON/OFF per week
- Operating temperature: 0 ÷ +55°C

Catalogue number	Type	Dimensions (mm)			Packing/Box (pcs)
		L	W	H	
50139	EL-PWT-1	60	32.5	60	1/200

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

WEEKLY PLUG-IN DIGITAL TIMER



Digital German type plug-in timer with children protector and rechargeable NI-MH battery.
Two outlets for permanent and time control.

TECHNICAL DATA
- Power supply voltage: 230V; 50Hz
- Min. setting time: 1 min or 1 sec
- Max. setting time: 7 days
- Program per day: 8 or 20 ON/OFF
- Active load: up to 16A
- IP20

Catalogue number	Type	Size (mm)	Packing/Box (pcs)
50142	EL-WDT-3	130x75x70	1/24/48

WEEKLY PLUG-IN DIGITAL TIMER



Digital German type plug-in timer with countdown function and rechargeable NI-MH battery. Two outlets for permanent and time control.

TECHNICAL DATA
- Power supply voltage: 230V; 50Hz
- Min. setting time: 1 min
- Max. setting time: 7 days
- Program per day: 16 ON/OFF
- Active load: up to 16A
- IP20

Catalogue number	Type	Size (mm)	Packing/Box (pcs)
50141	EL-WDT-2	68.4x73x77.2	1/24/48

Scan each QR code to see product price and availability.

SINGLE- FUNCTION TIME RELAY, ELR-2A 2C- ON DELAY

Single function time relays are suitable for applications where there is a clear function requirement in advance and are suitable for universal use in automation, control and regulation or in house installations.
ELR-2A is easy for operation and has range of input voltage- from 24 till 240V AC/DC. Time setting is available from front panel.

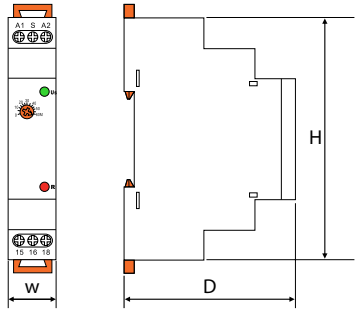
APPLICATION

- Control of electrical appliances
- Control of lights, heating, motors, pump, fan and etc.

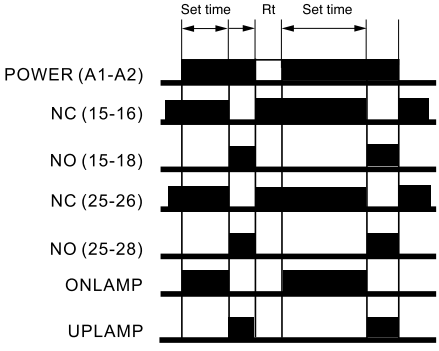


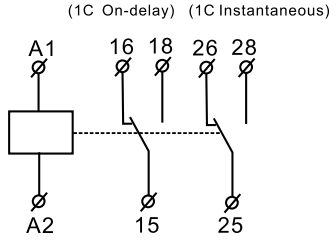
TECHNICAL DATA

- Voltage range: 24-240V; 50/60Hz
- Output current: 2x5A
- Function: 2C-On delay
- Output type: 2xSPDT
- Time ranges: 1s-3m
- Time setting: via 1 potentiometer
- Time deviation: < ±5%
- Repeat accuracy: < ±5%
- Ingress protection: IP20
- Mechanical life: $1x10^7$
- Electrical life (AC1): $1x10^5$
- Max. cable size: solid wire max. 2.5 mm^2 and flexible wire 1.5 mm^2
- Size: 90x18x64 mm



Catalogue number	Type	Dimensions (mm)			Packing/Box (pcs)
		W	H	D	
50151	ELR-2A	18	90	64	1/100





5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA

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The Brand of Electricity

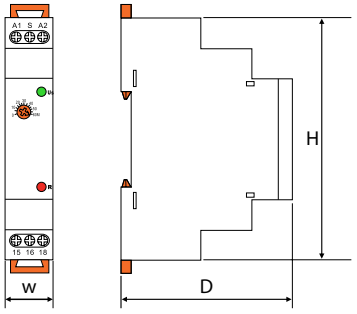
SINGLE- FUNCTION TIME RELAY, ELR-2B 1C-ON DELAY & 1C INSTANTANEOUS

Single function time relays are suitable for applications where there is a clear function requirement in advance and are suitable for universal use in automation, control and regulation or in house installations.
ELR-2B is easy for operation and has range of input voltage- from 24 till 240V AC/DC. Time setting is available from front panel.

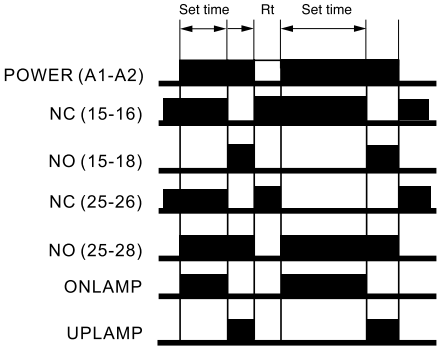
APPLICATION
- Control of electrical appliances
- Control of lights, heating, motors, pump, fan and etc.

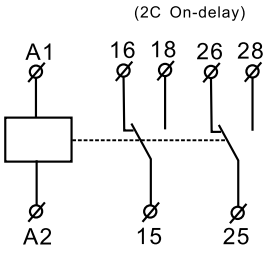


TECHNICAL DATA
- Voltage range: 24-240V; 50/60Hz
- Output current: 2x5A
- Function: 1C-On delay and 1C-Instantaneous
- Output type: 2xSPDT
- Time ranges: 3s-10m
- Time setting: via 1 potentiometer
- Time deviation: <±5%
- Repeat accuracy: <±5%
- Ingress protection: IP20
- Mechanical life: $1x10^7$
- Electrical life (AC1): $1x10^5$
- Max. cable size: solid wire max. 2.5 mm^2 and flexible wire 1.5 mm^2
- Size: 90x18x64mm



Catalogue number	Type	Dimensions (mm)			Packing/Box (pcs)
		W	H	D	
50152	ELR-2B	18	90	64	1/100



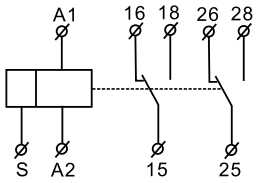


5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA

SINGLE- FUNCTION TIME RELAY, ELR-3A 2C-ON DELAY

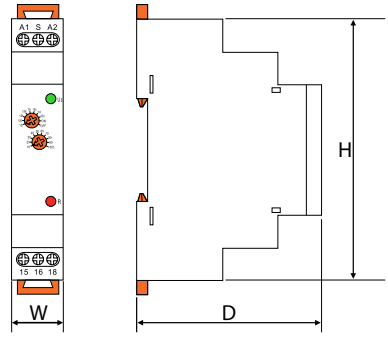


Single function time relays are suitable for applications where there is a clear function requirement in advance and are suitable for universal use in automation, control and regulation or in house installations.
ELR-3A is easy for operation and has range of input voltage- from 12 till 240V AC/DC. Time setting is available from front panel.

APPLICATION
- Control of electrical appliances
- Control of lights, heating, motors, pump, fan and etc.



TECHNICAL DATA
- Voltage range: 12-240V; 50/60Hz
- Output current: 2x16A (AC1)
- Function: 2C-On delay
- Output type: 2xSPDT
- Time ranges: 0.1s-240h
- Time setting: via 2 potentiometers
- Time deviation: 10% mechanical setting
- Repeat accuracy: 0.2% set value stability
- Min. breaking capacity DC: 500mW
- Reset time: max. 200ms
- Over voltage category: III
- Output indication: red LED
- Ingress protection: IP20
- Mechanical life: $1x10^7$
- Electrical life (AC1): $1x10^5$
- Max. cable size: solid wire max. 2.5 mm² and flexible wire 1.5 mm²
- Size: 90x18x64 mm

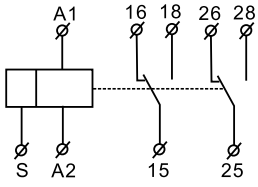


Catalogue number	Type	Dimensions (mm) W	H	D	Packing/ Box (pcs)
50153	ELR-3A	18	90	64	1/100

TIME RANGE



SINGLE- FUNCTION TIME RELAY, ELR-3B 2C-OFF DELAY

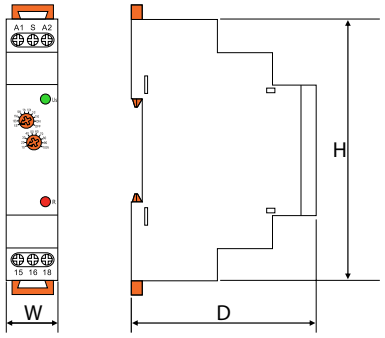


Single function time relays are suitable for applications where there is a clear function requirement in advance and are suitable for universal use in automation, control and regulation or in house installations.
ELR-3B is easy for operation and has range of input voltage- from 12 till 240V AC/DC. Time setting is available from front panel.

APPLICATION
- Control of electrical appliances
- Control of lights, heating, motors, pump, fan and etc.

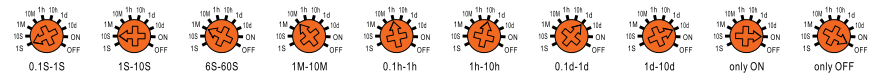


TECHNICAL DATA
- Voltage range: 12-240V; 50/60Hz
- Output current: 2x16A (AC1)
- Function: 2C-Off delay
- Output type: 2xSPDT
- Time ranges: 0.1s-240h
- Time setting: via 2 potentiometers
- Time deviation: 10% mechanical setting
- Repeat accuracy: 0.2% set value stability
- Min. breaking capacity DC: 500mW
- Reset time: max. 200ms
- Over voltage category: III
- Output indication: red LED
- Ingress protection: IP20
- Mechanical life: $1x10^7$
- Electrical life (AC1): $1x10^5$
- Max. cable size: solid wire max. 2.5 mm² and flexible wire 1.5 mm²
- Size: 90x18x64 mm



Catalogue number	Type	Dimensions (mm) W	H	D	Packing/ Box pcs)
50154	ELR-3B	18	90	64	1/100

TIME RANGE



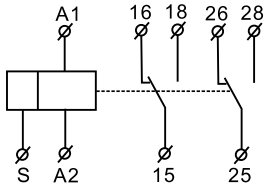
5 YEARS TOTAL WARRANTY
3 standard
2 extended

Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA

ELMARK
The Brand of Electricity

MULTI- FUNCTION TIME RELAY, ELR-4

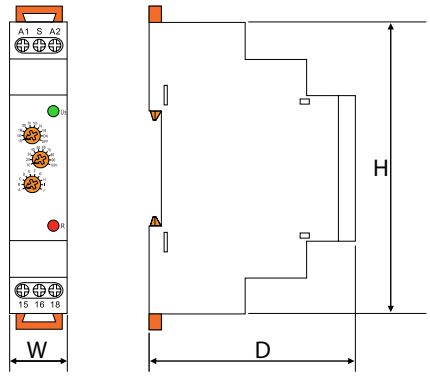




Multi function time relays are suitable for applications where there is need more additional functions requirement and are suitable for universal use in automation, control and regulation or in house installations. ELR-4 is easy for operation and has range of input voltage - up 12 to 240V AC/DC. This relay increase 10 functions: 5 time functions controlled by supply voltage, 4 functions controlled by control input and 1 function of latching relay.

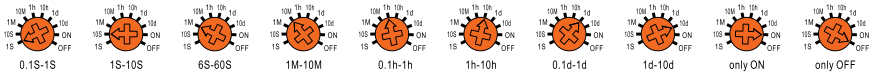
APPLICATION
- Control of industrial and home electrical appliances
- Control of lights, heating, motors, pump, fan and etc.

TECHNICAL DATA
- Voltage range: 12-240V; 50/60Hz
- Output current: 2x16A (AC1)
- Function: 10
- Output type: 2xSPDT
- Time ranges: 0.1s-240h, ON, OFF
- Function setting: via 3 potentiometers on front panel
- Time deviation: 10% mechanical setting
- Repeat accuracy: 0.2% set value stability
- Min. breaking capacity DC: 500mW
- Reset time: max. 200ms
- Over voltage category: III
- Output indication: red LED
- Ingress protection: IP20
- Mechanical life: $1x10^7$
- Electrical life (AC1): $1x10^5$
- Max. cable size: solid wire max. 2.5 mm² and flexible wire 1.5 mm²
- Size: 90x18x64 mm

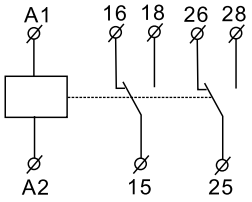


Catalogue number	Type	Dimensions (mm) W	H	D	Packing/ Box (pcs)
50155	ELR-4	18	90	64	1/100

TIME RANGE



MULTI- FUNCTION TIME RELAY, ELR-5

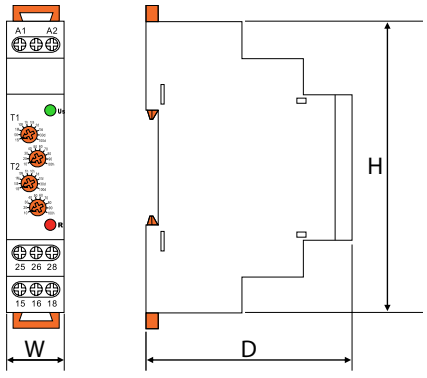




Multi function time relays are suitable for applications where there is need more additional functions requirement and are suitable for universal use in automation, control and regulation or in house installations. ELR-5 is easy for operation and has range of input voltage- from 24 till 240V AC/DC. This relay have 6 time delay functions.

APPLICATION
- Control of industrial and home electrical appliances
- Control of lights, heating, motors, pump, fan and etc.

TECHNICAL DATA
- Voltage range: 24-240V; 50/60Hz
- Output current: 5A
- Function: 6
- Output type: 1C-On delay and 1C-Instantaneous
- Time ranges: 0.1s-100h
- Function setting: via 4 potentiometers on front panel
- Time deviation: <5%±50ms
- Repeat error: <0.2% ±10ms
- Voltage error: <±0.5%
- Min. breaking capacity DC: 500mW
- Insulation resistance: 100mΩ (500VDCmge)
- Over voltage category: III
- Output indication: red LED
- Protection degree: IP20
- Mechanical life: $1x10^7$
- Max. cable size: solid wire max. 2.5 mm² and flexible wire 1.5 mm²
- Size: 94x18x64 mm

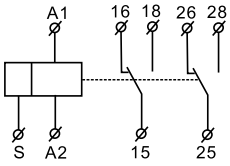


Catalogue number	Type	Dimensions (mm) W	H	D	Packing/ Box (pcs)
50156	ELR-5	18	94	64	1/100

5 YEARS TOTAL WARRANTY
3 standard + 2 extended

Scan each QR code to see product price and availability.

ASYMMETRIC CYCLER TIMER, ELR-6

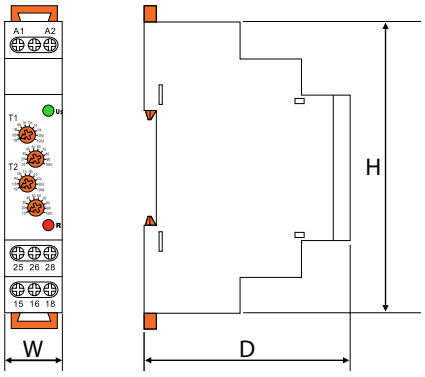


Asymmetric cycle timer can be used for cycle delay control, providing periodic energizing, lighting control, regular room ventilation, pumps, heating control for electric circuit and etc..
ELR-6 is easy for operation and has range of input voltage- from 24 till 240V AC/DC. This relay have 2 time functions- Cycle beginning with pulse and cycle beginning with pause.

APPLICATION
- Control of industrial and home electrical appliances.
- Control of lights, heating, motors, pump, fan and etc.



TECHNICAL DATA
- Voltage range: 12-240V; 50/60Hz
- Output current: 2x16A (AC1)
- Function: 2 time functions
- Output type: 2xSPDT
- Time ranges: 0.1s-2400h
- Function setting: via 4 potentiometers on front panel
- Time deviation: 10% mechanical setting
- Repeat accuracy: 0.2% set value stability
- Min. breaking capacity DC: 500mW
- Reset time: max. 200ms
- Over voltage category: III
- Output indication: LED
- Ingress protection: IP20
- Mechanical life: $1x10^7$
- Electrical life (AC1): $1x10^5$
- Max. cable size: solid wire max. 2.5 mm² and flexible wire 1.5 mm²
- Size: 90x18x64 mm



Catalogue number	Type	Dimensions (mm) W	H	D	Packing/ Box (pcs)
50157	ELR-5	18	90	64	1/100

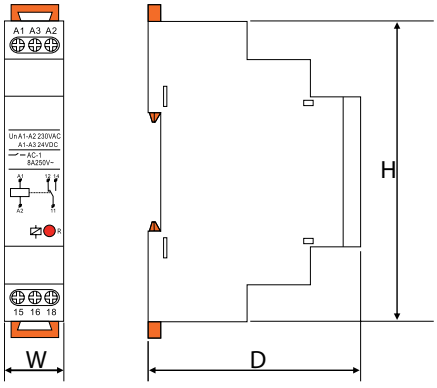
INTERMEDIATE RELAYS, ELR-7 SERIES

Intermediate Relays are used for switching larger load output, strengthen or multiplying contacts of the existing device or send signals to the relevant control elements concurrently.
Relays from ELR-7 series are easy for operation and has different input voltages- from 12V DC, 24V AC/DC and 240V AC.

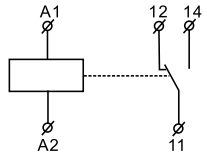


ELR-A/ ELR-B

FUNCTIONS
- Instead of small contactors.
- Increase the number of contacts.
- Increase contact capacity.
- Switch contact type.
- Used as a switch.
- Eliminate interference in the circuit.



TECHNICAL DATA
- Voltage range: 24V AC/DC and 230V AC
- Output current: 16A (AC1)
- Output type: 1xSPDT and 3xSPDT
- Supply voltage tolerance: -15% +10%
- Max. change over time: 40ms
- Min. breaking capacity DC: 500mW
- Over voltage category: III
- Output indication: red LED
- Protection degree: IP20
- Mechanical life: $1x10^7$
- Electrical life (AC1): $1x10^5$
- Max. cable size: solid wire max. 2.5 mm² and flexible wire 1.5 mm²
- Size (HxWxD): 90x18x64 mm

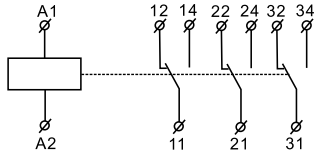


ELR-A/ ELR-B



ELR-C/ ELR-D

Catalogue number	Type	Number of contact	Voltage	Packing/ Box (pcs)
50158	ELR-A	1xSPDT	24V AC/DC	1/100
50159	ELR-B	1xSPDT	230V AC	1/100
50160	ELR-C	3xSPDT	24V AC/DC	1/100
50161	ELR-D	3xSPDT	230V AC	1/100



ELR-C/ ELR-D

5 YEARS TOTAL WARRANTY
3 standard + 2 extended

TESTED IN **ELMARK** FACTORY BULGARIA

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WI-FI SMART CONTROL RELAY WITH BUILD-IN ANTENNA, ELR-1W

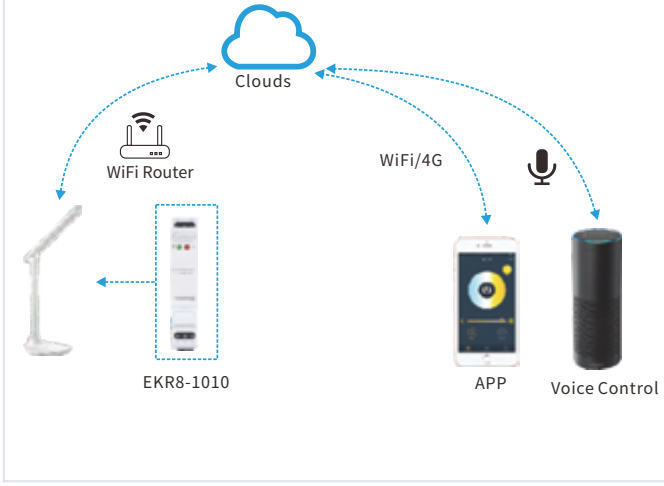


ELR-1W is widely used in smart homes and industrial intelligent control. It adopts the most popular Wi-Fi 2.4GHz control chip, and cooperates with powerful APP and mainstream voice assistants. Realize WLAN local control (even if the network is disconnected, you can also use APP local control and remote control, allowing users to fully experience the convenient life brought by modern intelligent technology. Using mobile phone APP or voice control device to control ON and OFF of the output of this product to realize the purpose of remotely starting or turning off the load electrical appliances.
The product cooperates with the corresponding APP to realize the following functions:
Support Smart Config for fast networking.
Support multiple control types: switch, timing start and stop, cycle control, etc.
Support WLAN local control and remote control.
Access to mainstream voice assistants such as Tmall Genie, DuerOS, Xiao Ai (Xiao Mi), Alexa, Google, etc., voice control.
Intranet device sharing and cloud account device sharing function.
APP supports Android and iOS systems.

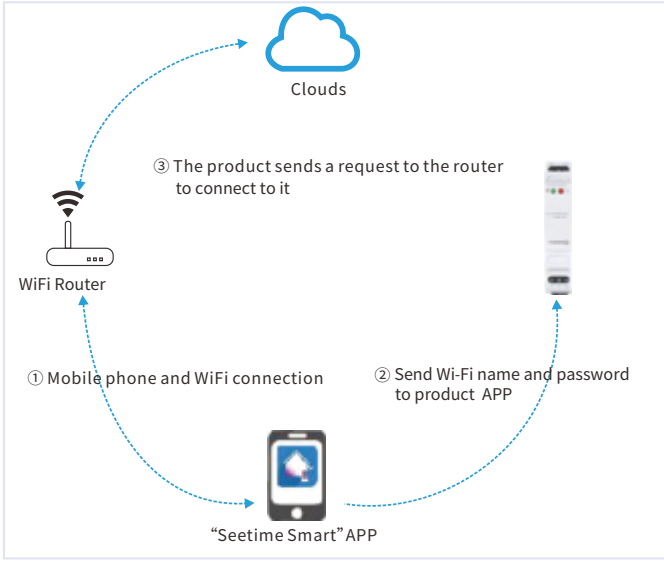
Download Seetime Smart Application.
Full info for the products, instructions can be found at www.elmarkholding.eu

Build-in antenna





Structure block diagram of Intelligent control system



Distribution network block diagram of standard configuration

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

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APPLICATION

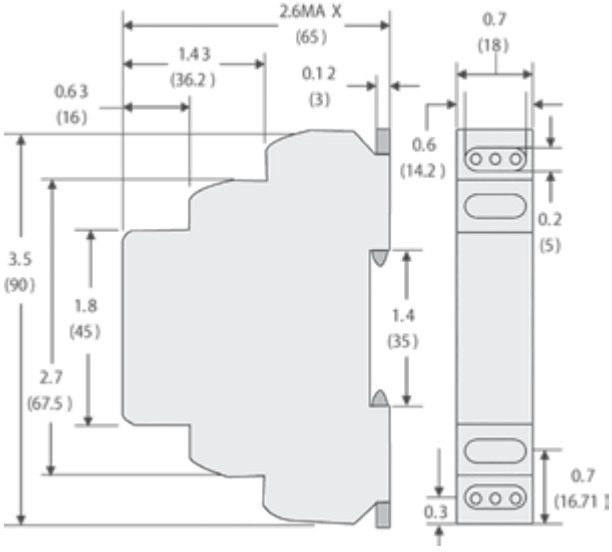
- Home control system
- Building automation
- Industrial control systems
- Industrial automation
- Mechanical and electrical equipment

TECHNICAL DATA

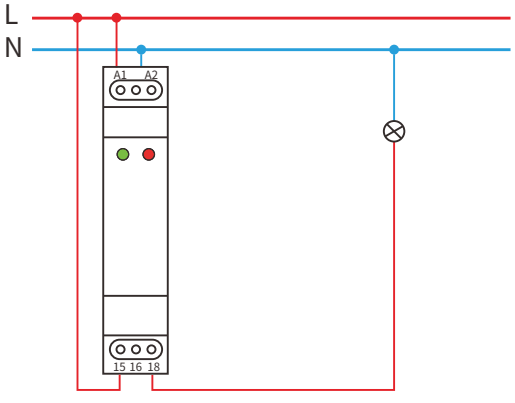
- Voltage Range: 85-240V AC/DC
- Rated Current: 10A
- Standard: IEEE 802.11b/g/n
- Working mode: STA/AP/STA+AP
- Wireless Security Support: WPA/WPA2
- Encryption Type: WEP/TKIP/AES
- Working Frequency: 2.4GHz-2.5GHz (2400M-2483.5M)
- Transmit Power:
  - 802.11b (CCK): 19+/-1dBm
  - 802.11g (OFDM): 14+/-1dBm
  - 802.11n(HT20@MCS7): 13+/-1dBm
- Wireless Transmission Distance: General Indoor: 45M, Outdoor: 150M (Note: It depends on the environment.)
- Application: Seetime Smart
- Standby Power Consumption: Less than 0.5W
- Working Temperature: -10-60ºC
- Working Humidity: 5%-95% (Non-condensing)
- Size WxHxD: 18x90x65 mm

Catalogue number	Type	Dimensions (mm)			Packing/Box (pcs)
		W	H	D	
50150	ELR-1W	18	90	65	1/100

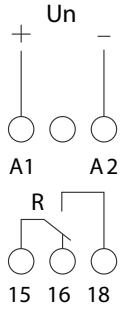
Scan and watch detailed video with all product functions.



Dimensions (mm)



Product wiring diagram



Wiring diagram

5 YEARS TOTAL WARRANTY
3 standard + 2 extended

Scan each QR code to see product price and availability.

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MULTI- FUNCTION TIME RELAY, ELR-8

Multi function time relays are suitable for applications where there is need more additional functions requirement and are suitable for universal use in automation, control and regulation or in house installations.
ELR-8 is easy for operation and has range of input voltage- from 24 till 240V AC/DC. This relay increase 6 time delay functions.



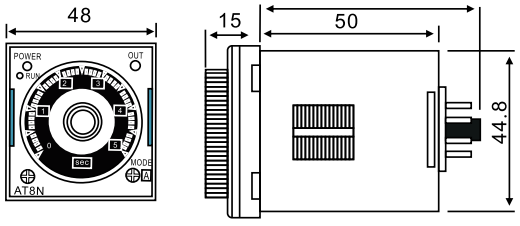
APPLICATION

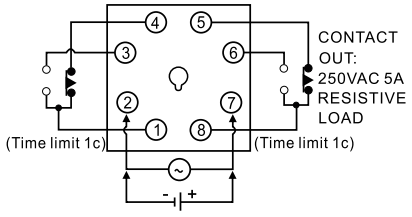
- Control of industrial and home electrical appliances
- Control of lights, heating, motors, pump, fan and etc.

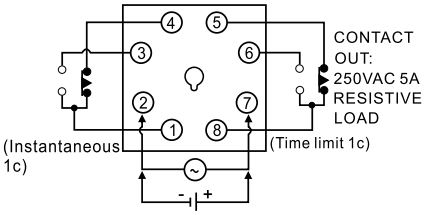
TECHNICAL DATA

- Voltage range: 24-240V; 50/60Hz
- Output current: 5A (AC1)
- Function: 6
- Output type: DPDT
- Time ranges: 0.1s-100h
- Time deviation: <5%±50ms
- Repeat error: <0.2% ±10ms
- Reset time: max. 200ms
- Insulation resistance: 100mΩ (500VDCmge)
- Ingress protection: IP20
- Mechanical life: $1x10^7$
- Max. cable size: solid wire max. 2.5 mm² and flexible wire 1.5 mm²
- Size: 79.5x48x48 mm

Catalogue number	Type	Dimensions (mm)			Packing/Box (pcs)
		W	H	D	
50162	ELR-8	48	48	79.5	1/100
50163	Base for ELR-8				1/100



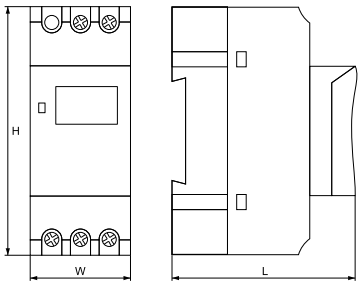




5 YEARS TOTAL WARRANTY
3 standard
2 extended

Scan each QR code to see product price and availability.

PROGRAMMABLE DIGITAL ONE-CHANNEL TIMER TE 15A



The timer is manufactured under the CMOS technology with a quartz mini controller which makes it reliable for operation. The timer is adjusted for DIN-rail mounting. It can memorize up to eight ON/OFF programs (ON/OFF cycles). Each program setting is done through the push buttons. Programming starts with selection of the days of the week (you can choose among a whole week cycle, workdays cycle, weekend cycle, or a specific day of the week); then the cycle start time and end time are set. If you have selected workdays cycle, then the program will start and stop at the set times each workday of the week. This is one ON/OFF program. Where necessary, other programs can be memorized up to the limit of eight possible programs. If you continue setting new programs the first memorized program will be deleted. The minimal interval for cycle programming is 1 minute.

TECHNICAL DATA

- Display: LCD
- Power supply voltage: 230V; 50Hz
- Operations: 16 switching ON/OFF
- Minimum setting unit: 1 min
- Time setting range: 1 min- 168 hours
- Time deviation: <2s (at 25°C)
- Battery for programmer storing: up to 15 days
- Power consumption: <4.5VA
- Switched on indicator
- Electrical wear resistance: 105 cycles
- Mechanical wear resistance: 107 cycles
- Operating temperature: -10°C ÷ +65°C
- Humidity: 35 – 85%RH
- Number of contacts: 1NO + 1NC
- Commutating capacity:
  - Active load: up to 16A
- Weight: 125g

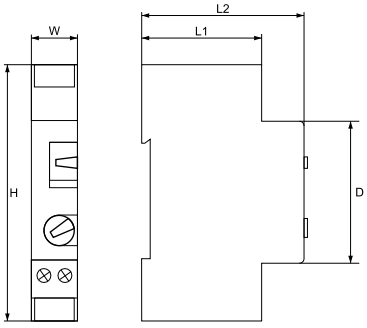


MOUNTING

- DIN-rail

Catalogue number	Type	Dimensions (mm)			Packing/Box (pcs)
		H	W	L	
50036	TE 15A	85	36	64	1/100

STAIRCASE DELAY TIMER



The timer is adjusted for DIN-rail mounting. Provide control of lighting circuits with automatic switch Off after reset time. Two position switch for permanent and time lighting control and choice for time delay setting from 30 sec to 10 minutes. Compact 1-mode design- 17.5mm

TECHNICAL DATA

- Power supply voltage: 230V; 50Hz
- Adjustment range: 0.5 to 10 min
- Power consumption: <2.5VA
- Operating temperature: -10 ÷ +60°C
- Humidity: 45 – 95%RH
- Number of contacts: 1NO
- Commutating capacity:
- Active load: up to 16A
- Inductive load: up to 10 A

MOUNTING

- DIN-rail



Catalogue number	Type	Dimensions (mm)					Packing/Box (pcs)
		H	W	L1	L2	D	
35007	TE 17	82	17.5	40	65	45	1/240

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

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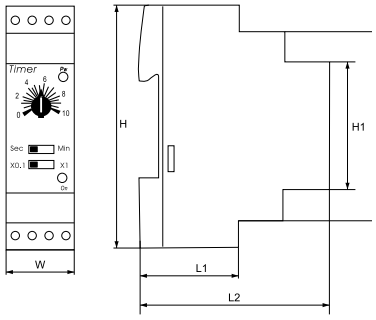
The Brand of Electricity

TIME RELAY "STAR/DELTA" TE 19





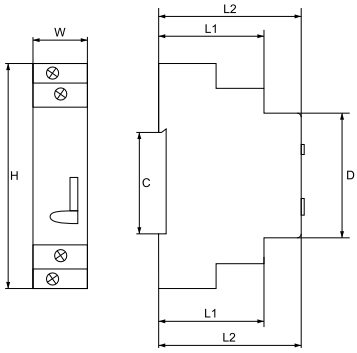
The time relay is manufactured under the most modern methods of qualitative and reliable materials. The timer is adjusted for DIN-rail mounting. It is used to provide reliable and safe time hold at "star/delta" starters and it is used for setting fixed time intervals. Programming is done through selection of the time unit (seconds or minutes) and rate (x 0.1 or x1) by the slide switches, and then selection of a value from the timer knob (from 0 to 10). Whenever timer circuit receives a signal, it executes the set cycle and then stops until a new signal is available. It gives possibility for time adjustment for motor unwinding in star up to 600s and time change to delta according to the consumer's need.

TECHNICAL DATA
- Power supply voltage: 230V; 50Hz
- Adjustment range for operation in star: 1 to 600 seconds
- Repetition accuracy: ±5% from the whole scale
- Adjustment accuracy: ±5% from the whole scale
- Zeroing time: <0.5s
- Power consumption: <5VA
- Electrical wear resistance: 100 000 cycles
- Mechanical wear resistance: 1 000 000 cycles
- Operating temperature: -10 ÷ +65°C
- Humidity: 45 – 85%RH
- Commutating capacity: up to 5A
- Indication:
  - at operation in "star": red indication
  - at operation in "delta": green indication
- Weight: 150g

MOUNTING
- DIN-rail

Catalogue number	Type	Dimensions (mm)						Packing/ Box (pcs)
		H	W	L1	L2	H1	H2	
50102	TE19	85	24	34	66	45	60	1/200

IMPULSE RELAY, EPN510- SINGLE POLE





Impulse relays allow circuit remote control. They can be operated manually, remotely, from several control points, or by impulses. Impulse relays are most frequently used for the control of lighting circuits in various public places with multiple control points.

TECHNICAL DATA
- Control voltage: 230V
- Rated current of the power circuit: 16A
- Electrical endurance: 200000 cycles
- Maximum switching frequency:
5 operations/minute
- Impulse duration: 50ms

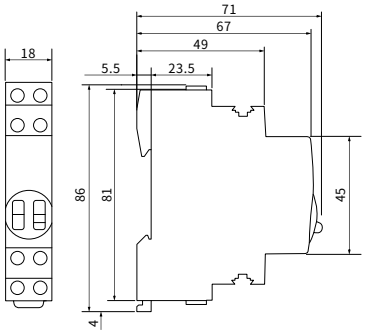
CONNECTION
- Tunnel terminals

Catalogue number	Type	Dimensions (mm)						Packing/Box (pcs)
		H	W	C	D	L1	L2	
50300	EPN510	85	24	36	45	34	66	8 / 160

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

IMPULSE RELAYS (REMOTE-CONTROL SWITCHES)- 2P & 4P





Impulse relays, also known as bi-stable relays, Impulse relays are a form of latching relay that transfers the contacts with each pulse.
ELMARK impulse relays are made up of a magnetic latch relay and a solid-state steering circuit that, upon application of power, determines which position the relay is in and energizes the opposite coil.

APPLICATION

- The impulse relays are used to control, by means of pushbuttons, lighting circuits consisting of:
- Incandescent lamps, low-voltage halogen lamps, etc. (Resistive loads)
- Fluorescent lamps, discharge lamps, etc. (Inductive loads)
- Closing of the impulse relay pole(s) is triggered by an impulse on the coil.
- Having two stable mechanical positions, the pole(s) will be opened by the next impulse. Each impulse received by the coil reverses the position of the pole(s).
- Can be controlled by an unlimited number of pushbuttons.
- Zero energy consumption.

TECHNICAL DATA

- Rating: 16A
- Frequency: 50 or 60Hz
- Insulation voltage (Ui): 440V AC
- Pollution degree: 3
- Rated impulse withstands voltage (Uimp): 6kV
- Dissipated power (during the impulse): 19VA
- Illuminated PB control: Max. current 3mA (if>use an ATLz)
- Operating threshold: Min.85% of Un in conformance with IEC/EN60669-2-2
- Duration of the control order: 50 ms to 1s (200ms recommended)
- Over voltage category: IV
- Ingress protection: IP20
- Electrical life: 200,000 cycles (AC21); 100 000 cycles (AC22)
- Max. cable size: solid wire 0.5-4 mm² and flexible wire 1-4 mm²
- Tightening torque: 1 N.m
- Size: 86x18x67 mm

Catalogue number	Type	Number of poles	Contact type	Voltage	Dimensions (mm)			Packing/ Box (pcs)
					W	H	D	
50301	ELR-1620	2P/ 1 mod	2NO	230VAC/110VDC	18	86	67	1/180
50302	ELR-1610	2P/ 1 mod	1NO+1NC	230VAC/110VDC	18	86	67	1/180
50303	ELR-1621	2P/ 1 mod	2NO	24VDC/48VAC	18	86	67	1/180
50304	ELR-1611	2P/ 1 mod	1NO+1NC	24VDC/48VAC	18	86	67	1/180
50305	ELR-1622	2P/ 1 mod	2NO	12VDC/24VAC	18	86	67	1/180
50306	ELR-1612	2P/ 1 mod	1NO+1NC	12VDC/24VAC	18	86	67	1/180
50307	ELR-1640	4P/ 2 mod	4NO	230VAC/110VDC	36	86	67	1/90
50308	ELR-1630	4P/ 2 mod	2NO+2NC	230VAC/110VDC	36	86	67	1/90
50309	ELR-1641	4P/ 2 mod	4NO	24VDC/48VAC	36	86	67	1/90
50310	ELR-1631	4P/ 2 mod	2NO+2NC	24VDC/48VAC	36	86	67	1/90
50311	ELR-1642	4P/ 2 mod	4NO	12VDC/24VAC	36	86	67	1/90
50312	ELR-1632	4P/ 2 mod	2NO+2NC	12VDC/24VAC	36	86	67	1/90

5 YEARS TOTAL WARRANTY
3 standard + 2 extended

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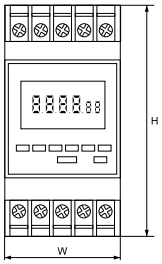
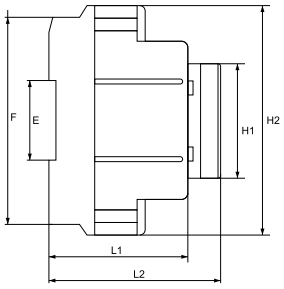






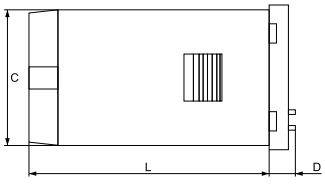
TIMER TE8A – 1A, TE8A – 2A

The timer is manufactured under the most modern technology CMOS with a quartz mini controller which makes it precise, qualitative and reliable. It has a built in battery which allows operation of the timers without charging up to 150 hours. The timer is adjusted for DIN-rail mounting. Timer programming is done through selection of the operational day(s) of the week, followed by selection of the start time and end time. You may choose out of ten modes (one for each day of the week, one for the work days, one for the weekends and one for the whole week). When setting the time, you should start first with the hours and then continue with the minutes. TE8A - 1a - Up to eight programs can be memorized. The on/off time resolution is 1 minute. TE8A - 2a - It has two operating channels, each of which can adjust four programmes for a day or a week with minimal interval of 1 minute for switching on and off. Indication on LCD display with high resolution and showing the time in hours, minutes and seconds.

TECHNICAL DATA
- Power supply voltage: 230V; 50Hz
- Power consumption: <5VA
- Electrical wear resistance: 107 cycles
- Mechanical wear resistance: 105 cycles
- Operating temperature: -10ºC ÷ +65ºC
- Temperature of storage: up to 70C
- Humidity: 45 – 85%RH
- Commutating capacity: up to 16A
- Two outlet relays
- Li-Ion battery: 150h
- Weight: 150g

MOUNTING
- DIN-rail

Catalogue number	Type	Dimensions (mm)								Packing/ Box (pcs)
		H	H1	H2	W	E	L1	L2	F	
50113	TE8A - 1a	100	50	68	50	36	60	74	90	1/75
50114	TE8A - 2a	100	50	68	50	36	60	74	90	1/75



TIMER TE6B

The timer is manufactured under the most modern technology CMOS with a quartz mini controller which makes it precise, qualitative and reliable. The timer is modulated to be mounted on the front panel of boards. The direction of operation is adjusted – direct or reverse. There is possibility to adjust the time range from 0.01 second to 99 hours 59 minutes, possibility for correction of the set values during operation. Indication on LCD display with high resolution and showing the time in hours, minutes and seconds.

TECHNICAL DATA
- Power supply voltage: 230V; 50Hz
- Possibility for choice of operating range:
  - from 0.01 second to 99.99 seconds
  - from 1 second to 99.59 minutes
  - from 1 minute to 99.59 hours
- Error: <0.01% ±0.05s
- Minimal duration of the input pulse: 20ms
- Power consumption: <5VA
- Electrical wear resistance: 107 cycles
- Mechanical wear resistance: 105 cycles
- Operating temperature: -10 ÷ +65°C
- Temperature of storage: up to 70°C
- Humidity: 45 – 85%RH
- Commutating capacity at active load: 3A
- Weight: 300g

MOUNTING
- On the front panel of the board

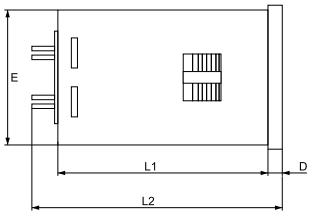
Catalogue number	Type	Dimensions (mm)			Packing/Box (pcs)
		D	W	L	
50104	TE6B	8.5	45	80	1/100

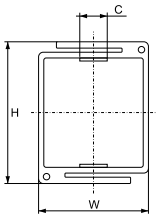


5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

TIMER TE48S-S





The timer is manufactured under the most modern technology CMOS with a quartz mini controller which makes it precise, qualitative and reliable. The timer is modulated to be mounted on the front panel of boards. The direction of operation is adjusted – direct or reverse. It represents two separate operating channels, each of which can operate independently with time range adjustment from 1 second to 99 minutes. Possibility for correction of the set values during operation. First, select the time unit (seconds or minutes) and then set the time. Depending on the timer coupling, it can be used as a cyclic timer relay, i.e. it initially counts the first time set, then counts the second time set, then starts counting over the first time again, etc. until a stop signal is received. In another mode, the timer can count the set time and stop until a new signal is received to count the next cycle. Indication on LCD display with high resolution and showing the time in hours, minutes and seconds.

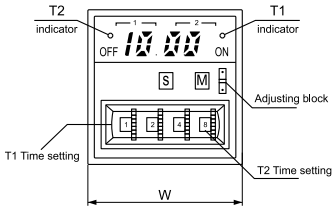
TECHNICAL DATA

Power supply voltage: 230V; 50Hz
- Admissible variation of the input voltage: 85-110%U
- Possibility for choice of operating range:
  - from 1 to 99 seconds
  - from 1 minute to 99 minutes
- Error: <0.01% ±0.05s
- Minimal duration of the input pulse: 20ms
- Power consumption: <5VA
- Electrical wear resistance: 107 cycles
- Mechanical wear resistance: 105 cycles
- Operating temperature: -10 ÷ +65°C
- Temperature of storage: up to 70°C
- Humidity: 45 – 85%RH
- Commutating capacity at load: 3A
- Weight: 300g

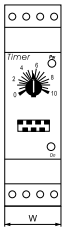
MOUNTING
- on the front panel of the board

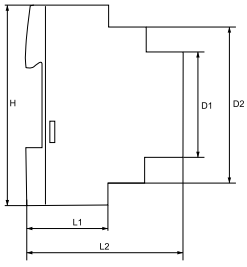


Catalogue number	Type	Dimensions (mm)							Packing/ Box (pcs)
		D	E	L1	L2	C	H	W	
50105	TE48S-S	5	44.8	74	95	15	58	48	84



TIMER TE 19M





Timer is developed using modern technologies from quality and reliable materials and is adapted for mounting on DIN rail. It is used for providing time intervals in eight-time programs, which are assigned by combinations of the keys. There is an option for it to operate in time ranges (assigned by the keys K4, K5, K6): seconds, minutes or hours depending on the necessity of the user. Power contact up to 3A.

TECHNICAL DATA
- Input voltage: 230V; 50Hz
- Range of setting: from 0.6 sec to 100 hours
- Accuracy of setting: ± 5% from the whole scale
- Time for nullifying: <0.5 seconds
- Consumed capacity: < 5VA
- Electrical endurance (number of cycles): 100 000 cycles
- Mechanical endurance (number of cycles): 1 000 000 cycles
- Operation temperature: -10 ÷ +65°C
- Humidity: 45 - 85%RH
- Computing option: up to 5A
- Indication:
  - on power supply: red indication
  - on operational output relay: green indication
- Weight: 150 gr.
- Time functions: according to the programming guide

MOUNTING
- DIN rail



Catalogue number	Type	Dimensions (mm)						Packing/ Box (pcs)
		H	w	h1	h2	l1	L2	
50102M	TE 19M	85	24	45	60	34	66	1/200

5 YEARS TOTAL WARRANTY
3 standard + 2 extended

Scan each QR code to see product price and availability.

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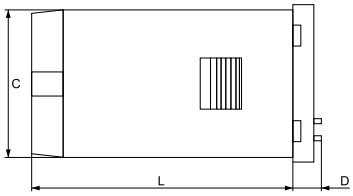
COUNTERS

Documents corresponding to the product:
Standard EN 61010-1



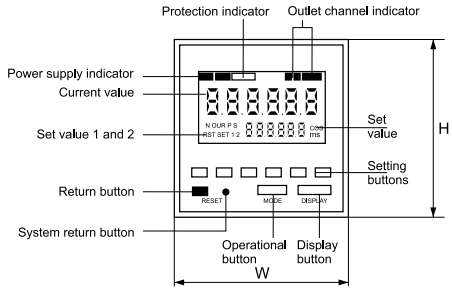


UNIVERSAL DIGITAL COUNTER CE2J

The device is manufactured under the modern technology CMOS which allows high speed of counting and high counting reliability. It has a built-in battery which allows data storing for more than 10 years. It is supplied with a digital display with black lighting digits, providing excellent visibility at different lighting. The counter is to be mounted on the front panel of the boards. It is used for impulse sequence counting with accumulation or deduction. There is possibility for relay outlet operation at reaching beforehand set value, and a possibility for changing the position of the decimal point.

TECHNICAL DATA
- Display: LCD
- Power supply voltage: 230V; 50Hz
- Counting range: 0 - 99999
- Counting speed: 30/3k cps
- Zeroing: outside impulse
- Battery for programmer storing: up to 10 years
- Power consumption: <5VA
- Operating temperature: -10 ÷ +65°C
- Humidity: 35 – 85%RH
- Commutating capacity: relay outlet with active load: up to 3A
- Weight: 250g

MOUNTING
- On the front panel
- Opening with dimensions: 45x45



Catalogue number	Type	Dimensions (mm)					Packing/Box (pcs)
		H	W	C	D	L	
50111	CE2J	68	68	65	8.5	90	1/45

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

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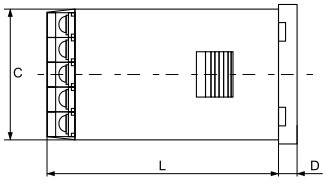
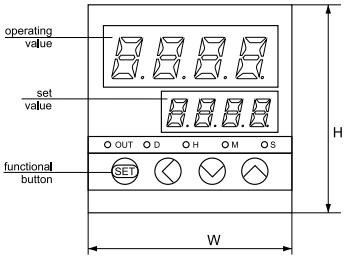
Documents corresponding to the product:
Standard EN 60831-1
EN 60831-2

COMBINED DIGITAL COUNTER/TIMER CE10J

The device is for front mounting in the board. It can be used as a counter or timer choosing a definite combination from keys. It is manufactured under the modern technology CMOS which allows high speed of counting, precision at operation as a timer and high reliability. It has a built-in battery which allows data storing for more than 10 years. It is supplied with a digital display providing excellent visibility at different lighting. It is used for impulse sequence counting with accumulation or deduction. There is possibility for relay outlet operation at reaching beforehand set value, and a possibility for changing the position of the decimal point.



TECHNICAL DATA
- Display: LCD
- Power supply voltage: 230V; 50Hz
- Counting range: 0 – 999
- Timer range: 0.01 – 99h99min
- Counting speed: 30/500 cps
- Zeroing: outside impulse
- Battery for programmer storing: up to 10 years
- Power consumption: <3VA
- Mechanical wear resistance: 107 cycles
- Operating temperature: -5 ÷ +65°C
- Humidity: 35 – 85%RH
- Commutating capacity: relay outlet with active load: up to 3A
- Weight: 120g





MOUNTING
- On the front panel
- Opening with dimensions: 45x45

Catalogue number	Type	Dimensions (mm)					Packing/Box (pcs)
		h	W	c	D	L	
50120	CE10J	68	68	65	6	90	1/45

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

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TOTAL DIGITAL COUNTER CE15J

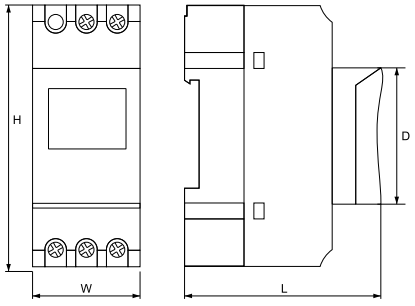
Documents corresponding to the product:
EN 61010-1



The device is to be mounted on DIN-rail. It is used as an impulse counter with no outside power supply. For that purpose there is a Li battery built in the device which provides data storing and operation of the device for 5 years. It has eight digital lighting display providing excellent visibility at different lighting. It is used for impulse sequence counting with accumulation.

TECHNICAL DATA
- Display: LCD
- Power supply voltage: built in battery
- Inlet signal: 100-230V AC/DC
- Counting accuracy: <0.002%
- Data storing battery: up to 5 years
- Operating temperature: -5 ÷ +65°C
- Humidity: 35 – 85%RH
- Weight: 120g

MOUNTING
- DIN-rail



Catalogue number	Type	Dimensions (mm)				Packing/Box (pcs)
		H	W	D	L	
50112	CE15J	86	36	45	64	1/100

TOTAL DIGITAL COUNTER CE15L

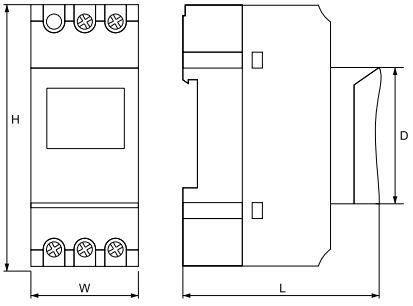
Documents corresponding to the product:
EN 61010-1



The device is to be mounted on DIN-rail. It is used as a time impulse counter with no outside power supply. For that purpose there is a Li battery built in the device which provides data storing and operation of the device for 5 years. It has eight digital lighting display providing excellent visibility at different lighting. It is used for time impulse sequence counting with accumulation. It displays the operated time.

TECHNICAL DATA
- Display: LCD
- Power supply voltage: built in battery
- Inlet signal: 100-230V AC/DC
- Counting accuracy: <0.002%
- Battery for data storing: up to 5 years
- Operating temperature: -5 ÷ +65°C
- Humidity: 35 – 85%RH
- Weight: 120g

MOUNTING
- DIN rail



Catalogue number	Type	Dimensions (mm)				Packing/Box (pcs)
		H	W	D	L	
50115	CE15L	86	35	45	64	1/100

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

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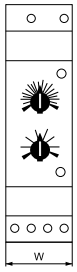
PHASE SEQUENCE INDICATOR EK - RSTB

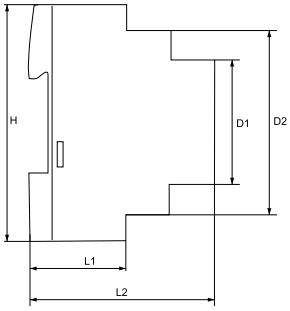
Documents corresponding to the product:
EN 61010-1



The device is to be mounted on DIN-rail. It is used for control and indication of the presence, sequence and quality of the phases. The device indicates the following fault: lack of one or several phases; change in the sequence of the phases; lowering of the power supplying voltage: under 10%; increasing of the power supplying voltage: over 10%; phase asymmetry of the power supplying voltage: ±10%. In the presence of one of the conditions above a relay starts operating in the device which breaks the controlling circuit. The time between fault indication and outlet relay switching on can be adjusted in order to prevent unwilling stops at very short breaks. When the voltage is back to normal limits, the device receives energy (indication lights) according to the hysteresis values. At phase sequence fault the device operates immediately.

TECHNICAL DATA
- Power supply voltage: 400V; 50Hz
- Possibility for operation range adjustment: 0.1 – 10 seconds
- Possibility for working range adjustment: from 300 to 480 V
- Electrical wear resistance: 1 000 000 cycles
- Mechanical wear resistance: 10 000 000 cycles
- Indication: green LED – indication for a change in the condition; red LED - failure
- Operating temperature: -5 ÷ +65°C
- Humidity: 35 – 85%RH
- Weight: 120g





MOUNTING
- DIN-rail

Catalogue number	Type	Dimensions (mm)						Packing/ Box (pcs)
		h	w	d1	d2	l1	l2	
50103	EK - RSTB	85	24	45	60	34	66	1/200

5 YEARS TOTAL WARRANTY
3 standard + 2 extended

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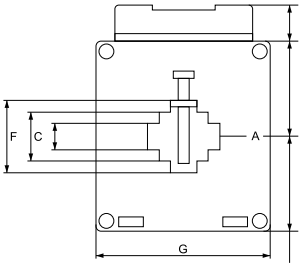
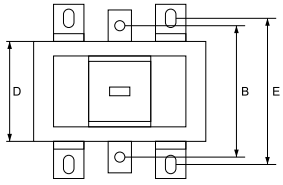
CURRENT MEASUREMENT TRANSFORMERS

Documents corresponding to the product:
Standard EN 61010-1;
EN 60044-1; EN 60044-6







CURRENT MEASUREMENT TRANSFORMERS MES - XX/X5 TYPE

The measurement transformers find application at current measuring, current regulation, systems for current characteristics watching, systems for reactive energy compensation, signalling, etc. They are with x/5 gear ratio as X is the inlet range of the transformer.

TECHNICAL DATA
- Maximum operating voltage: 720V; 50Hz
- Admissible deviation of the operating current: 1.2x In
- Inlet current: 50 – 1200A
- Outlet current: 5A
- Impulse voltage wear resistance: 4000V; 50Hz (1min)
- Operating temperature: -5 ÷ +65°C
- Humidity: 35 – 85%RH
- Precision class: 0.5
- Weight kg: 0.60 kg

MOUNTING
- Current transformers can be DIN rail mounted;
- Vertically or horizontally to the power supplying rails according to the opening of the transformer
- Current transformers can be mounted on flat surfaces by use of fixing clamps.

Catalogue number	Type	Range	Capacity VA	Overall dimensions (mm)							Packing/ Box (pcs)
				A	B	C	D	E	F	G	
45050A	MES - 75/30	50/5	1	88	52	52	41	77	31	31	1/40
45075A	MES - 75/30	75/5	1.5	88	52	52	41	77	31	31	1/40
45103A	MES - 75/30	100/5	1.5	88	52	52	41	77	31	31	1/40
45153A	MES - 75/30	150/5	2.5	88	52	52	41	77	31	31	1/40

Catalogue number	Type	Range	Capacity VA	Overall dimensions (mm)							Packing/ Box (pcs)
				A	B	C	D	E	F	G	
45204A	MES - 75/40	200/5	3.75	88	52	52	41	77	41	41	1/40
45254A	MES - 75/40	250/5	3.75	88	52	52	41	77	41	41	1/40
45304A	MES - 75/40	300/5	5	88	52	52	41	77	41	41	1/40
45404A	MES - 75/40	400/5	5	88	52	52	41	77	41	41	1/40
45504A	MES - 75/40	500/5	5	88	52	52	41	77	41	41	1/40
45604A	MES - 75/40	600/5	5	88	52	52	41	77	41	41	1/40

Catalogue number	Type	Range	Capacity VA	Overall dimensions (mm)							Packing/ Box (pcs)
				A	B	C	D	E	F	G	
45406A	MES - 86/60	400/5	3.75	117	57	57	184	77	61	61	1/40
45506A	MES - 86/60	500/5	5	117	57	57	184	77	61	61	1/40
45606A	MES - 86/60	600/5	10	117	57	57	184	77	61	61	1/40
45806A	MES - 86/60	800/5	10	117	57	57	184	77	61	61	1/40
45906A	MES - 86/60	1000/5	10	117	57	57	184	77	61	61	1/32
45916A	MES - 86/60	1200/5	10	117	57	57	184	77	61	61	1/32

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

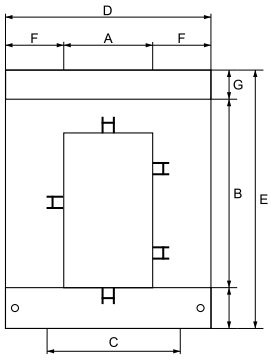
TESTED IN **ELMARK** FACTORY BULGARIA

CURRENT TRANSFORMERS, TYPE CP

Documents corresponding to the product:
Standard EN 60044-1

Current measuring transformers of duct type. Specially designed to be installed in measuring circuits without removing cables in current measuring circuit. CP Transformers save installation time and decrease installation costs.

TECHNICAL DATA
- Small size table:
- Secondary coil rated current 5A
- Rated voltage 720V
- Frequency 50Hz
- Rated load: up to 30VA
- Safety coefficient: fs≤5
- Secondary coil connection: cable shoe terminal





Overall dimensions (mm)

Type	A	B	C	D	E	F	G
CP 23	20	30	51	89	111	34	47
CP 58	50	80	78	114	145	32	32
CP 88	80	80	108	144	145	32	32

Catalogue number	Type	Range	Precision class	Capacity VA	Weight kg	Packing/Box (pcs)
452320	CP 23	200/5	1	1.5	0.74	1/45
452325	CP 23	250/5	1	2.5	0.74	1/45
452330	CP 23	300/5	0.5	2.5	0.74	1/45

Catalogue number	Type	Range	Precision class	Capacity VA	Weight kg	Packing/Box (pcs)
455825	CP 58	250/5	0.5	1.5	0.87	1/36
455830	CP 58	300/5	0.5	2.5	0.87	1/36
455840	CP 58	400/5	0.5	2.5	0.87	1/36
455850	CP 58	500/5	0.5	5	0.87	1/36
455860	CP 58	600/5	0.5	5	0.87	1/36

Catalogue number	Type	Range	Precision class	Capacity VA	Weight kg	Packing/Box (pcs)
458850	CP 88	500/5	0.5	2.5	1	1 / 20
458860	CP 88	600/5	0.5	5	1	1 / 20
458875	CP 88	750/5	0.5	2,5	1	1 / 20
458880	CP 88	800/5	0.5	3.75	1	1 / 20
458890	CP 88	1000/5	0.5	5	1	1 / 20

5 YEARS TOTAL WARRANTY
3 standard + 2 extended

Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA

ELMARK
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INDUSTRIAL RELAYS AND BASES

Documents corresponding to the product:
EN 60947-5-1;
EN 61810

Devices intended for construction of automation and signalling boards. They are mainly used for command transfer towards the executive mechanisms. Currents of comparatively heavy values enabling the direct control of industrial executive mechanisms are commuted in comparatively small sizes. The contact surfaces are made from silver-coated electrolytic copper. The entire contact system is closed within a lid of colourless fire-proof plastic with a test-button installed to it. The base provides a safe electric connection of the conductors of the electric installation and the relays and is used to install the relay to the DIN busbar.

TECHNICAL DATA

- Supply voltage: from 12 to 230V AC, 50 Hz and from 12 to 110V DC
- Acceptable deviation of the supply voltage: 85 -110% Un
- Rated current of the sockets: 10A AC
- Electrical endurance: 1 000 000 cycles
- Isolation resistance: 500 mΩ /min (500V)
- Impulse tension resistance: 2000V, 50Hz
- Dielectric strength: 1000V AC/1 min
- Turn-out time: 25ms
- Working temperature: -5 ÷ + 65°C
- Humidity: 35 - 85% RH indicator
- possibility for mounting of additional contacts (for the open type)
- remarkable with high reliability of current characteristics

MOUNTING

- on a DIN rail by means of a socket



Catalogue number	Relay type	Voltage of the coil (V)	Socket type	Resistance of the coil (Ω)	Number of contacts	Packing/Box (pcs)
57141	ELM - 14FC	12 VDC	ELM-RT624-B	260	NO+NC	100/1000
57142	ELM - 14FC	24 VDC	ELM-RT624-B	1080	NO+NC	100/1000
57143	ELM - 14FC	48 VDC	ELM-RT624-B	4260	NO+NC	100/1000



Type ELM-90.2

Catalogue number	Relay type	Voltage of the coil (V)	Socket type	Resistance of the coil (Ω)	Number of contacts	Packing/Box (pcs)
57601N	ELM-90.2	12VDC	ELM-90.22	90	2NO+2NC	10/200
57602N	ELM - 90.2	24 VDC	ELM - 90.22	360	2NO+2NC	10/200
57603N	ELM - 90.2	48 VDC	ELM - 90.22	1440	2NO+2NC	10/200
57605N	ELM - 90.2	230 VAC	ELM - 90.22	6800	2NO+2NC	10/200
57606N	ELM-90.2	24VAC	ELM-90.22	72	2NO+2NC	10/200
57611N	ELM-90.3	12VDC	ELM-90.23	90	3NO+3NC	10/200
57612N	ELM - 90.03	24 VDC	ELM - 90.23	360	3NO+3NC	10/200
57613N	ELM - 90.03	48 VDC	ELM - 90.23	1440	3NO+3NC	10/200
57614N	ELM - 90.03	110 VAC	ELM - 90.23	1650	3NO+3NC	10/200
57615N	ELM-90.3	230 VAC	ELM-90.23	6800	3NO+3NC	10/200
57616N	ELM-90.3	24VAC	ELM-90.23	72	3NO+3NC	10/200



Type ELM-90.3

5 YEARS TOTAL WARRANTY
3 standard + 2 extended

Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA



Type ELM-36.02



Type ELM-36.04

Catalogue number	Relay type	Voltage of the coil (V)	Socket type	Resistance of the coil (Ω)	Number of contacts	Packing/ Box (pcs)
57521N	ELM-36.02	12VDC	ELM-RT702-B	60	2NO+2NC	20/500
57522N	ELM-36.02	24VDC	ELM-RT702-B	640	2NO+2NC	20/500
57523N	ELM-36.02	48 VDC	ELM-RT702-B	2560	2NO+2NC	20/500
57525N	ELM-36.02	230VAC	ELM-RT702-B	15000	2NO+2NC	20/500
57526N	ELM-36.02	24VAC	ELM-RT702-B	168	2NO+2NC	20/500
57541N	ELM-36.04	12VDC	ELM-RT704-B	160	4NO+4NC	20/500
57542N	ELM-36.04	24VDC	ELM-RT704-B	640	4NO+4NC	20/500
57543N	ELM-36.04	48 VDC	ELM-RT704-B	2560	4NO+4NC	20/500
57544N	ELM-36.04	110 VAC	ELM-RT704-B	4000	4NO+4NC	20/500
57545N	ELM-36.04	230 VAC	ELM-RT704-B	15000	4NO+4NC	20/500
57546N	ELM-36.04	24VAC	ELM-RT704-B	192	4NO+4NC	20/500



57901

57902
57912



57904
57905

Catalogue number	Socket type	Dimensions (mm)	Number of terminals (pcs.)	Packing/Box (pcs)
57901	ELM - RT624-B	76 x 15	5	20 / 600
57902	ELM - RT702-B	76 x 27	11	10 / 240
57912	ELM - RT704-B	76 x 27	14	10 / 240
57904	ELM - 90.22	68 x 38	8	10 / 400
57905	ELM - 90.23	68 x 38	11	10 / 400

5 YEARS TOTAL WARRANTY
3 standard
2 extended

Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA

ELMARK
The Brand of Electricity

INTERFACE RELAYS EL-14F-LS SERIES

INTERFACE RELAYS EL-14F-LS SERIES

ELMARK interface relays provide reliable voltage conversion in control systems. Our relays ensure reliable signal switching and provide electrical isolation for sensitive electronics in all kinds of machinery in industry.

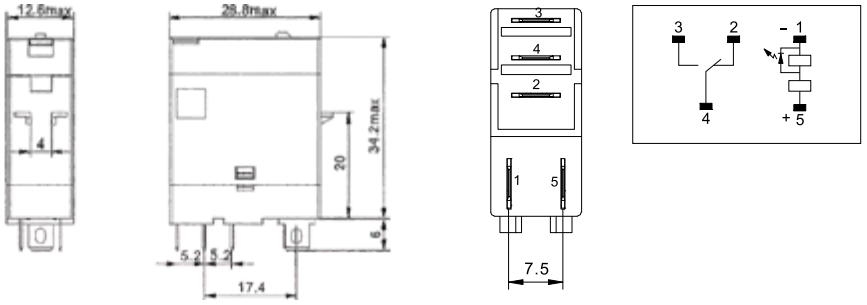
FEATURES
- Good response control
- Slim size
- With LED indicator
- With lockable test button and inspection window
- High rated load

TECHNICAL DATA
- Rated load: 1Z-12A; 2Z-8A
- Rated voltage: 12V DC; 24V DC; 230V AC
- Insulation resistance: ≤500MΩ
- Operating power: 0.53W/0.9VA
- Dielectric strength
  - Between open contacts: ≥1000V AC/1 min
  - Between poles: ≥1500V AC/1 min
  - Between contact and coil: ≥4000V AC/1 min
- Operate/ release time: ≤15ms/15ms
- Terminal type: Plug-in
- Contact material: AgSnO2
- Electrical life: 10^5 times
- Mechanical life: 10^7 times
- Size LxHxD: 28.8 x 34.2 x 12.6 mm

Catalogue number	Relay type	Voltage of the coil (V)	Drop out voltage	Resistance of the coil (Ω)	Socket type	Contact form	Packing/ Box (pcs)
57100	EL-14F-LS	12V DC	1.2	270	EL05A-E	1Z	20/300
57101	EL-14F-LS	24V DC	2.4	1100	EL05A-E	1Z	20/300
57102	EL-14F-LS	230V AC	69.0	23000	EL05A-E	1Z	20/300



Type EL-14F-LS/ 1Z



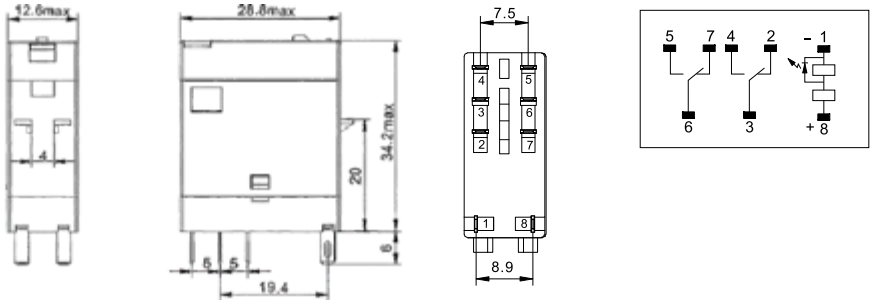
5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

Catalogue number	Relay type	Voltage of the coil (V)	Drop out voltage	Resistance of the coil (Ω)	Socket type	Contact form	Packing/ Box (pcs)
57103	EL-14F-LS	12V DC	1.2	270	EL08A-E	2Z	20/300
57104	EL-14F-LS	24V DC	2.4	1100	EL08A-E	2Z	20/300
57105	EL-14F-LS	230V AC	69.0	23000	EL08A-E	2Z	20/300



Type EL-14F-LS/ 2Z



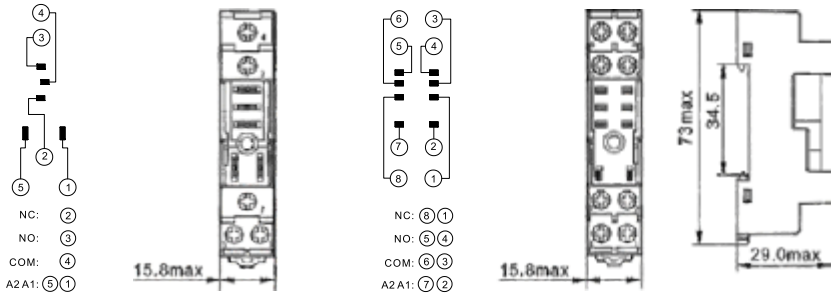
BASES FOR INTERFACE RELAYS EL-14F-LS SERIES

TECHNICAL DATA

- Rated load:
  - EL05A-E: 10A
  - EL08A-E: 16A
- Rated voltage: 300V AC
- Wire size: 0.5-2.5mm²
- Tightening torque: 0.8Nm



Catalogue number	Socket type	Dimensions (mm)	Number of terminals (pcs.)	Number of contacts	Packing/Box (pcs)
57106	EL05A-E	15.8x73x29	1NO+1NC	5	10/240
57107	EL08A-E	15.8x73x29	2NO+2NC	8	10/240



Type EL05A-E/ 5

Type EL05A-E/ 8

5 YEARS TOTAL WARRANTY
3 standard + 2 extended

Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA

ELMARK
The Brand of Electricity

POWER RELAYS



EL-40F

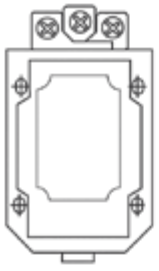
POWER RELAY TYPE EL-40FN, 40A

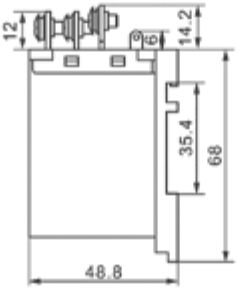
Power relays are reliable problem solvers when it comes to switching high currents. They have an electromagnet to open or close a circuit when the input (coil) is correctly excited.

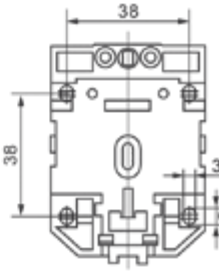
FEATURES
- Slim size.
- With LED indicator.
- Two type mounting: On DIN rail or quick screw connection.

TECHNICAL DATA
- Rated load: 40A.
- Rated voltage: 12V DC; 24V DC; 230V AC
- Insulation resistance: ≤1000MΩ
- Dielectric strength
  - Between open contacts: ≥1200V AC/1 min
  - Between contact and coil: ≥2500V AC/1 min
- Operate/ release time: ≤25ms/25ms
- Contact material: AgSnO2
- Electrical life: 10^5 times
- Mechanical life: 10^7 times
- Size LxHxD: 40A: 48.8 x 68 x 48.8mm

Catalogue number	Relay type	Voltage of the coil (V)	Rated load (A)	Drop out voltage	Resistance of the coil (Ω)	Contact form	Number of contacts	Packing/ Box (pcs)
57120	EL-40F	12V DC	40	1.2	72	1Z	1NO+1NC	20/300
57121	EL-40F	24V DC	40	2.4	288	1Z	1NO+1NC	20/300
57122	EL-40F	250V DC	40	72.0	19400 at 220V	1Z	1NO+1NC	20/300







5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA

POWER RELAY TYPE EL-60F, 60A

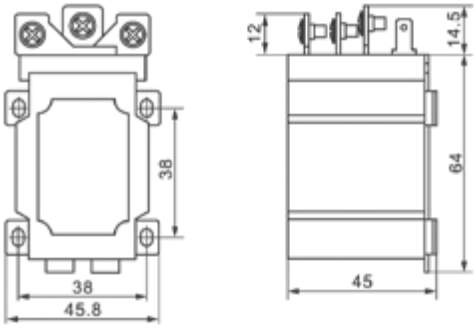


EL-60F

TECHNICAL DATA

- Rated load: 60A.
- Rated voltage: 12V DC; 24V DC; 230V AC
- Insulation resistance: ≤1000MΩ
- Dielectric strength
  - Between open contacts: ≥1200V AC/1 min
  - Between contact and coil: ≥2500V AC/1 min
- Operate/ release time: ≤25ms/25ms
- Contact material: AgSnO2
- Electrical life: 10^5 times
- Mechanical life: 10^7 times
- Size LxHxD: 45.8 x 64 x 45mm

Catalogue number	Relay type	Voltage of the coil (V)	Rated load (A)	Drop out voltage	Resistance of the coil (Ω)	Contact form	Number of contacts	Packing/ Box (pcs)
57123	EL-60F	12V DC	60	1.2	72	1Z	1NO+1NC	20/300
57124	EL-60F	24V DC	60	2.4	288	1Z	1NO+1NC	20/300
57125	EL-60F	250V DC	60	72.0	19400 at 220V	1Z	1NO+1NC	20/300



5 YEARS TOTAL WARRANTY
3 standard + 2 extended

Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA

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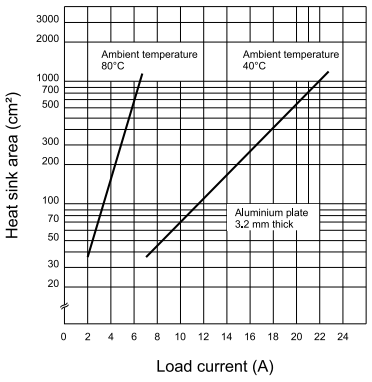
INDUSTRIAL SOLID STATE RELAYS (SSR)

Documents corresponding to the product:
EN 60947-5-1;
EN 61810

Industrial SSR are intended for mounting in power and control cabinets as an output switch devices with reliable ON/OFF performance. The SSR are based on the CMOS technology. The non-contact electronic switch is optically separated from the input signal by a photoelectric coupler. This allows use of switch currents of up to 50A despite of the devices small overall size. Another important feature of the relay is that output load can be regulated depending on the input signal value. The relay is mainly used to transmit control signals to actuating mechanisms since it can work at comparatively high currents making it possible to directly control actuators. SSR have transparent plastic covers to additionally improve their safety level. The SSR use is connected with considerable heat emissions, so measures must be taken to dispense the excessive thermal energy in the atmosphere. This is achieved through application of specially deigned radiators. The correct definition of radiator parameters is of critical importance. It is made by calculating the heat generation capacity with the formula: Heat generation = active load current x 3.0 W/A. The heat removal surface is estimated with the help of the graphic:



TECHNICAL DATA
- Load/output voltage: 30/400V 50 Hz or the solid state voltage regulators
- Rated output current: from 10A to 60A
- Insulating voltage: 1000 MΩ /min (500V)
- Impulse voltage stability: 2000V, 50Hz
- Dielectric Strength: < 2500VAC / 1 min
- Leakage current: <2mA
- Turn-on time: <10ms
- Operating temperature: -5°C + 65°C
- Relative Humidity: 35 - 85%RH

Note: The relay output must be supplied with a varistor to ensure its over-voltage protection, whenever RRS is used to control inductive loads.



Catalogue number	Type	Relay Type	Control Voltage (V)	Output Voltage (V)	Number of phases	Output Current (A)	Packing/ Box (pcs)
57710	ZG3NC - 2 - 10B	SSR	3-32VDC	230VAC	1	10	10 / 100
57720	ZG3NC - 2 - 20B	SSR	3-32VDC	230VAC	1	20	10 / 100
57725	ZG3NC - 2 - 25B	SSR	3-32VDC	230VAC	1	25	10 / 100
57740	ZG3NC - 2 - 40B	SSR	3-32VDC	230VAC	1	40	10 / 100
57760	ZG3NC - 2 - 60B	SSR	3-32VDC	230VAC	1	60	10 / 100
57713	ZG3NC - 3 -10B	SSR	3-32VDC	400VAC	2	10	10 / 100
57723	ZG3NC - 3 - 20B	SSR	3-32VDC	400VAC	2	20	10 / 100
57735	ZG3NC - 3 - 25B	SSR	3-32VDC	400VAC	2	25	10 / 100
57743	ZG3NC - 3 - 40B	SSR	3-32VDC	400VAC	2	40	10 / 100
57763	ZG3NC - 3 - 60B	SSR	3-32VDC	400VAC	2	60	10 / 100

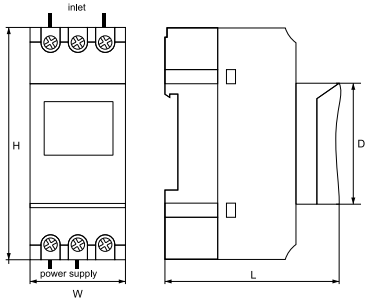


Catalogue number	Type	Relay Type	Control Voltage (V)	Output Voltage (V)	Number of phases	Output Current (A)	Packing/ Box (pcs)
57831	ZG33 - 3 - 10B	SSR	3-32VDC	400VAC	3	10	1 / 30
57832	ZG33 - 3 - 20B	SSR	3-32VDC	400VAC	3	20	1 / 30
57833	ZG33 - 3 - 25B	SSR	3-32VDC	400VAC	3	25	1 / 30
57834	ZG 33 - 3 - 40B	SSR	3-32VDC	400VAC	3	40	1 / 30

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

Documents corresponding to the product:
Standard EN 61010-1



DIGITAL VOLTMETER/AMPEREMETER EKDP 15 A/V

Digital device adjusted for DIN-rail mounting and offered in two types:
• Ampere meter
• Voltmeter
It is supplied with LCD display where the measurement quantity is displayed with numbers with 31/2 size. It has high accuracy of analogue-digital transfer, measurement precision and electromagnetic interference stability. There is possibility for adjustment of the measurement range through built in micro switches. Adjusted to measure constant current (AD,DV) and alternating current (AA,VA) quantities.

TECHNICAL DATA
• Power supply voltage: 100 - 240V; 50Hz
• Inlet signal:
  ➢ Operating as voltmeter: 2 – 700V (the range is adjusted from inside)
  ➢ Operating as ampere meter: 5 – 2000A (the range is adjusted from inside)
• Impulse voltage wear resistance: 4000V; 50Hz (1min)
• Consumption: <4VA
Operating temperature: -5 ÷ +65°C
• Humidity: 35 – 85%RH
• Precision: 0.5% from the whole scale
• Display: LCD
• Weight: 150gr

MOUNTING
• DIN-rail

Note: At current range over 5A a current measurement transformer should be used



Catalogue number	Type	Dimensions (mm)				Packing/Box (pcs)
		H	W	L	D	
50117A	EKDP-15AA	88	36	64	45	1 / 100
50117D	EKDP-15DA	88	36	64	45	1 / 100
50116A	EKDP-15AV	88	36	64	45	1 / 100
50116D	EKDP-15DV	88	36	64	45	1 / 100

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

DIN-RAIL SINGLE PHASE DIGITAL VOLTAGE METER, EL-V1/500R

Digital Voltmeter abbreviated as DVM is an instrument used to measure the electrical potential difference between two points in a circuit.
It measures the input voltage after converting the analog voltage to digital voltage and displays it in number format using a converter.



3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

FEATURES
- You do not have to figure out the readings manually to get the voltage, ohm or ampere reading unlike the analogue voltmeters.
- Digital voltmeters provide a precise and computer-generated reading on the screen which eliminates the errors that might occur in the case of human reading.
- They provide accurate and fast readings when compared to the readings extracted from an analogue voltmeter.
- Digital voltmeters do not require you to make calculations and are more stable, dependable and reliable.
- Digital voltmeters provide accurate results and do not depend on the competency of the readers as in the case of reading analogue voltmeter.
- Digital voltmeters are cost-effective and smaller in size, which makes them easy to handle and use.

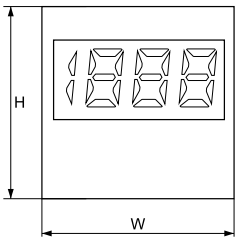
TECHNICAL DATA:
- Measurement voltage range: 80-500V AC
- Terminal for wiring: Single phase L+N
- Rated frequency: 50/60Hz
- Working current: ≤20mA
- Measuring accuracy: 1
- Measuring rate: >200MS/time
- IP Code: IP20
- Electrical Life: ≥15000 hours
- Digital colour: Red
- Working temperature: from -5° to 40°C
- Air relative humidity: 10-80% (no condensation)
- Work pressure: 80-160 kPa
- Terminal for wiring: 1.5mm2
- Mounting: On DIN rail EN60715(35mm) by means of fast clip device
- Dimensions (LxWxH): 18x66x81mm

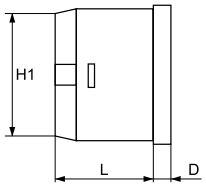
Catalogue number	Type	Range	Phase	Packing / Box (pcs)
50143	Voltmeter	80-500V AC	Single	1/100

Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA

Documents corresponding to the product:
Standard EN 61010-1







DIGITAL VOLTMETER/ AMPERE METER AND FREQUENCY METER EKDP7

Digital device adjusted for mounting on the front panel of electrical boards and offered in the following types:
• Ampere meter:
EKDP7 – AA – ampere meter for alternating current
EKDP7 – DA – ampere meter for direct current
• Voltmeter:
EKDP7 – AV – voltmeter for alternating current
EKDP7 – DV – voltmeter for direct current
• Frequency meter:
EKDP7 – Hz – frequency meter

It is supplied with LCD display where the measurement quantity is displayed with numbers with 31/2 size. It has high accuracy of analogue-digital transfer, measurement precision and electromagnetic interference stability. There is possibility for adjustment of the measurement range through built in micro switches. Adjusted to measure direct current and alternating current quantities.

TECHNICAL DATA
• Power supply voltage: 100 - 240V; 50Hz
• Inlet signal:
➢ Operating as voltmeter: 2 – 700V (the range is adjusted from inside)
➢ Operating as ampere meter: 5 – 2000A (the range is adjusted from inside(the range is adjusted from inside)
• Consumption: <5A
• Impulse voltage wear resistance: 4000V; 50Hz (1min)
• Operating temperature: -5 ÷ +65°C
• Humidity: 35 – 85%RH
• Precision: 0.5% from the whole scale
• Display: LCD
• Weight: 130gr

MOUNTING
• On the front pane

Note: For high current range a current measurement transformer should be used for alternating current device and a measurement shunt for direct current.

Catalogue number	Type	Dimensions (mm)					Packing/Box (pcs)
		H	W	H1	D	L	
50106	EKDP7-AV	72	72	68	6	42	1/84
50107	EKDP7-AA	72	72	68	6	42	1/84
50108	EKDP7-DV	72	72	68	6	42	1/84
50109	EKDP7-DA	72	72	68	6	42	1/84
50110	EKDP7-HZ	72	72	68	6	42	1/84



POWER METER WITH LCD DISPLAY

TECHNICAL DATA
• Rated voltage: 230V AC
• Frequency: 50Hz
• Battery: 3.6V NI-MH, rechargeable
• Max.load: 16A, 3680W
• Measure accuracy: ±2%
• Socket type: German
• Size: 62 x 130 x 77mm

MEASUREMENT FUNCTIONS
• Power (W)
• Energy (KWh)
• Voltage (V)
• Current (A)
• Frequency (Hz)
• Power factor (cos φ)
• Electricity consumption monitoring

Catalogue number	Type	Max. load	Phase	Socket type	Packing / Box (pcs)
50144	Power meter	16A/3680W	Single	German	1

5 YEARS TOTAL WARRANTY
3 standard + 2 extended

Scan each QR code to see product price and availability.

DIGITAL ROUND VOLTMETER/ AMPERE METER AND FREQUENCY METER EL-ED16R



Catalogue number	Type	Range	Diameter (mm)	Packing / Box (pcs)
401553	Voltmeter	12-500V AC	22	10/500
401554	Ampere meter	0-100A	22	10/500
401555	Frequency meter	35-99 HZ	22	10/500





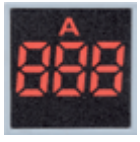


DIGITAL SQUARE VOLTMETER/ AMPERE METER AND FREQUENCY METER EL-ED16S



Catalogue number	Type	Range	Diameter (mm)	Packing/ Box (pcs)
401556	Voltmeter	12-500V AC	22	10/500
401557	Ampere meter	0-100A	22	10/500
401558	Frequency meter	35-99 HZ	22	10/500







5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA

ELMARK
The Brand of Electricity

DIN RAIL MOUNTED KWH METERS

Documents corresponding to the product:
Standard IEC 62052-11; IEC 62053-21; IEC 62056-21

Electronic single and three phase kWh meters intended for DIN rail mounting and active energy measurement. Meters are suitable for home and commercial applications. They perform direct measurement of the real consumption of electric power and the results are shown on the LCD display. The system doesn't need any additional adjustment or calibration. The range includes single and multi-tariff models.



Catalogue number	Type	Measuring range	Number of Tariffs	Meter constant (imp/kWh)	Voltage (V)	Overall dimensions H/W/D (mm)	Packing/Box (pcs)
50213	EL-45SA	5A(40A)	1	2000	230	116 /18/ 59	1/10



Catalogue number	Type	Measuring range	Number of Tariffs	Meter constant (imp/kWh)	Voltage (V)	Overall dimensions H/W/D (mm)	Packing/Box (pcs)
50216	EL-100SA-U	10A(100A)	1	1600	230	100 /76/ 65	1/60



Catalogue number	Type	Measuring range	Number of Tariffs	Meter constant (imp/kWh)	Voltage (V)	Overall dimensions H/W/D (mm)	Packing/Box (pcs)
50217	EL-024	3x20A (100A)	1	400	3x220/380	100/76/65	1/60

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

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SINGLE PHASE MULTI TARIFF ELECTRIC/ENERGY METER 10(80)A, ADL200



MID Certified

ADL200 single-phase electric meter is designed for single-phase energy measurement on low voltage system.The meter meet the related technical requirements of electronic meter in the IEC62053-21, IEC62053-22 standards.

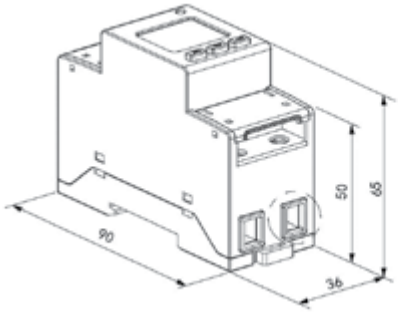
FUNCTIONS

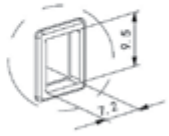
- Measurement:
  - kWh,
  - Voltage,
  - Current;
  - Active power;
  - Reactive power;
  - Apparent power;
  - Power factor;
  - Frequency
- LED display: 8 bits section
- Communication interface: RS485
- Communication protocol: MODBUS-RTU

TECHNICAL DATA

- Rated voltage: 220-264 V AC / 50Hz
- Nominal input current: 10A
- Maximum current: 80A
- Power consumption: <10VA
- Measuring accuracy: Class 1
- Tariff numbers: 4
- Measuring range: 000000.00~999999.99kWh
- Size LxWxH: 36x90x65mm
- Working temperature: -25°C~55°C
- Relative humidity: ≤95% (No condensation)
- Altitude: up to 2500m
- Brand: Acrel

Catalogue number	Type	Measuring range	Voltage (V)	Overall dimensions (mm)			Packing/ Box (pcs)
				L	W	H	
50219	ADL200	10A(80A)	154-264V AC	36	90	65	1/36





5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA

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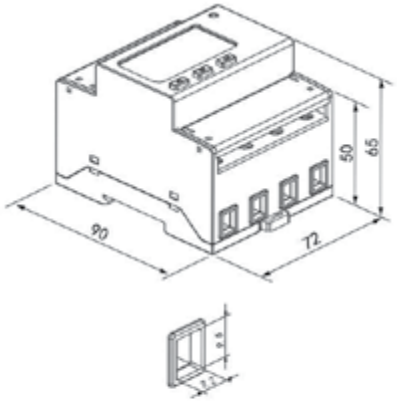
THREE PHASE MULTI TARIFF ELECTRIC ENERGY METER 10(80)A, ADL400



ADL400 is a smart meter designed for power supply system, industrial and mining enterprises and utilities to calculate the electricity consumption and manage the electric demand. It features the high precision, small size and simple installation. It integrates the measurement of all electrical parameters with the comprehensive electricity metering and management provides various data on previous 48 months, checks the 31st harmonic content and the total harmonic content. It is fitted with RS485 communication port and adapted to MODBUS-RTU .ADL400 can be used in all kinds of control systems, SCADA systems and energy management systems.

FUNCTIONS

- Measurement of electrical parameters: kWh; voltage; current; active power (positive and negative); reactive power (positive and negative); apparent power; power factor and frequency
- Measurement of harmonics: 2-31st voltage and current harmonic
- Number of tariffs: 4
- LED display: 12 bits section
- Key programing: 3keys to communication and set parameters
- Multi-tariff and functions: adapt 4 time zones, 2 time interval list, 14 time interval by day and 4 tariff rates
- Max. demand and occurrence time
- Frozen data on last 48 months, last 90 days
- Communication interface: RS485
- Communication protocol: MODBUS-RTU

TECHNICAL DATA

- Rated voltage: 3×100V; 3×380V; 3×57.7/100V; 3×220/380V
- Frequency: 45-65Hz, error±0.2%
- Nominal input current: 3×1(6)A; 3×10(80)A
- Power consumption: < 1VA Single phase rated current
- Energy pulse output: 1 active photocoupler output
- kWh Class: 0.5
- Accuracy class: Error±0.2%
- Time error: ≤0.5s/d
- Width of pulse: 80±20ms
- Pulse constant: 400imp/kWh,10000imp/kWh(Correspond with the basic current)
- Range of communication address: Modbus-RTU: 1~247
- Baud rate: 1200~19200bps
- Size LxWxH: 72x65x90 mm
- Working temperature: -25°C~55°C
- Relative humidity: ≤95% (No condensation)
- Altitude: up to 2500m
- Brand: Acrel



Catalogue number	Type	Measuring range	Voltage (V)	Overall dimensions (mm)			Packing/ Box (pcs)
				L	W	H	
50212	ADL400	3×1(6)A / 3×10(80)A	3×220/380V	72	65	90	1/36

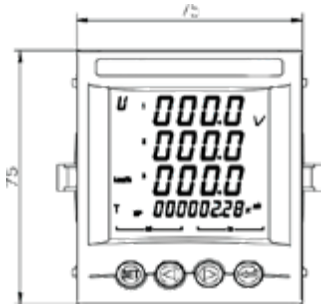
MID Certified

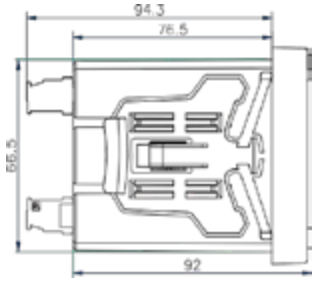
5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA

MULTI FUNCTIONAL/ TARIFF PROGRAMMABLE METER AMC96L-E4/KC FOR BUILD-IN MOUNTING







AMC series AC multi-function meter is commonly found in larger homes and businesses, our Three Phase Panel Meter is a three-phase power meter with a data logger function for real-time and long-term three-phase power measurement of currents. It integrates the measurement of power parameters as well as power monitoring and evaluation management in one unit. When it is installed in your home, the power consumed in your home remains the same and it can be used with smaller and cheaper wiring systems for stable monitoring in environments with lower voltages. It is therefore widely used in power systems, industrial and mining enterprises, intelligent buildings, and other areas with power monitoring needs.
Programmable meter AMC96L-E4/KC also have a wide range of peripheral interface functions, allowing you to choose your own according to your needs. They are also designed with switching inputs and relay outputs for easy remote control of circuit breakers, making them very easy to use. The product meets the related technical requirements of electronic power meter in the IEC62053-21, IEC62053-22 standards.

FUNCTIONS

- Measurement of electrical parameters: kWh, voltage, current; active power (positive and negative); reactive power (positive and negative); apparent power; power factor and frequency
- Measurement of harmonics: 2-31st voltage and current harmonic
- Number of tariffs: 4
- True RMS Measurements
- Max/Min Log with Timestamp
- 12 bits section LSD display
- Internal Optional 4DI&2DO or 2DI&2DO&2AO
- Standard one Energy Pulse Output
- Communication interface: RS485
- Communication protocol: MODBUS-RTU

TECHNICAL DATA

- Rated input voltage:
  - Single phase AC 100V; 400V AC
  - Three phases: AC 3×57.7V/100V(100V); 3×220V/380V(400V); 3×380V/660V(660V) (96 size only)
  - 72 profile not suitable for high voltage applications
- Connection:
  - Single phase: 2-wire
  - Three phases: 3 and 4-wire
- Input Frequency: 45-65Hz
- Switching input: Dry contact input, built-in power supply
- Nominal input current: 1A; 5A
- Power consumption: < 0.5VA
- Insulation resistance: Input, output end to machine enclosure >100MΩ
- kWh Class: 0.5
- Accuracy: Class 0.5
- Analog output: 1-5V, 4-20mA
- Pulse constant: 10000imp/kWh(settable)
- Communication: R S485port, Modbus -RTU protocol, DLT645 protocol (versions 07 and 97)
- Baud rate: 1200 ~ 38400 bps
- Housing size WxHxD: 90x90x77.8mm
- Faceplate size WxHxD: 96x96x90mm
- Cut-out size WxH: 92x92mm
- Working temperature: -25°C~65°C
- Relative humidity: ≤93% (No condensation)
- Altitude: up to 2000m
- Brand: Acrel

Catalogue number	Type	Input current (A)	Input voltage (V)	Housing size (mm)			Packing/ Box (pcs)
				W	H	D	
50218	AMC96L-E4/KC	5	100/400/660	90	90	77.8	1/74

5 YEARS TOTAL WARRANTY
3 standard + 2 extended

Scan each QR code to see product price and availability.

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SINGLE PHASE PREPAID AND POST-PAID ENERGY METER 10(60)A, ADL100-EYZ/F



ADL100-EYZ/F is single phase pre-paid meters with intro-control is used for calculating the single phase active energy.
The multi-tariff meter has functions of pre-paid, load controlling and RS485 communication meet the related technical requirements of electronic power meter in the IEC62053-21, IEC62053-22 standards.

CONTROL: with ACREL-RFMS

FUNCTIONS
- Measurement of electrical parameters: kWh; voltage; current; active power (positive and negative); reactive power (positive and negative); apparent power; power factor and frequency
- Pre-paid mode: Through RS485 communication prepaid recharge, data encryption.
- Power input type: IC card
- Number of tariffs: 4 tariff rates, 14 time interval by day
- LED display: 8 bits section
- Control: Built-in high-capacity sub-holding relay to achieve load on-off control
- Communication interface: RS485
- Communication protocol: MODBUS-RTU

TECHNICAL DATA
- Rated voltage: 220V
- Frequency: 45-65Hz
- Nominal input current: 10(60)A
- Power consumption: < 4VA
- kWh Class: 1
- Clock accuracy: Error ≤ 0.5s/d
- Width of pulse: 80±20ms
- Pulse constant: 1600imp/kWh
- Communication interface: RS485(A+, B-)
- Pre-paid system application: ACREL-RFMS
- Size LxWxH: 72x70x88 mm
- Working temperature: from -25 to 55°C
- Relative humidity: ≤95%

Structure



OPERATE DETAILS
The power is input into the meter through RF card. When the available power in the meter decreases to zero, the meter will automatically cut off the power supply.
Only after the new available power is input through the RF card, the meter can resume power supply. After the user pays each time, the computer system of the power supply management department can calculate the value of the available electricity that should be recharged to the electricity meter this time according to the user's zero-crossing electricity and the remaining available electricity in the current electricity meter.
- Each end user will have an RF card, that RF card will be used for charging and depositing.
- After finishing the re-charging, the end-user or managers need to use an RF card to touch KWH meter.
- Prepaid meter electricity price can be set by RF card. Officer can record the electricity price and multi-tariff price inside the RF card. Once the RF card touches the KWH meter itself, this information will be recorded into the prepaid meter.

RF CARD FUNCTIONS
RF cards will not only be used for end-user but also will be used for managers. Managers can use one blank RF card and give that card a specified function by the Acrel-RFMS system. The most common functions are:
- Charging & Deposit
- Replacement for the Lost card
- Energy Consumption Reset
- Forced opening and closing circuit

Catalogue number	Type	Input current	Input voltage (V)	Dimensions (mm)			Packing/Box (pcs)
				L	W	H	
50222	ADL100-EYZ/F	10A(60A)	154-264V AC	72	70	88	1/84

ACCESSORIES:

RF CARD READER FOR PREPAID AND POST-PAID KWH METERS



Catalogue number:
50225

NOTE: Comes with 1.5m length USB cable

RF CARD

Catalogue number:
50224

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

THREE PHASE PREPAID AND POST-PAID ENERGY METER 10(80) A, ADL300-EYZ/F



ADL300-EYZ/F is thre phase pre-paid meters with intro-control is used for calculating the three phase active energy.
The multi-tariff meter has functions of pre-paid, load controlling and RS485 communication meet the related technical requirements of electronic power meter in the IEC62053-21, IEC62053-22 standards.

CONTROL: with ACREL-RFMS

FUNCTIONS
- Measurement of electrical parameters: kWh; voltage; current; active power (positive and negative); reactive power (positive and negative); apparent power; power factor and frequency
- Pre-paid mode: Through RS485 communication prepaid recharge, data encryption.
- Power input type: IC card
- Number of tariffs: 4 tariff rates, 14 time interval by day
- LED display: 8 bits section
- Control: Built-in high-capacity sub-holding relay to achieve load on-off control
- Communication interface: RS485
- Communication protocol: MODBUS-RTU

TECHNICAL DATA
- Rated voltage: 3×220/380V- 465V AC
- Frequency: 45-65Hz
- Nominal input current: 10(80)A
- Power consumption: < 4VA
- kWh Class: 1
- Clock accuracy: Error ≤ 0.5s/d
- Width of pulse: 80±20ms
- Pulse constant: 6400imp/kWh, 400 imp/kWh
- Communication interface: RS485(A+, B-)
- Pre-paid system application: ACREL-RFMS
- Size LxWxH: 144x70x88 mm
- Working temperature: from -25 to 55°C
- Relative humidity: ≤95%

Structure



OPERATE DETAILS
The power is input into the meter through RF card. When the available power in the meter decreases to zero, the meter will automatically cut off the power supply.
Only after the new available power is input through the RF card, the meter can resume power supply.
After the user pays each time, the computer system of the power supply management department can calculate the value of the available electricity that should be recharged to the electricity meter this time according to the user's zero-crossing electricity and the remaining available electricity in the current electricity meter.
- Each end user will have an RF card, that RF card will be used for charging and depositing.
- After finishing the re-charging, the end-user or managers need to use an RF card to touch KWH meter.
- Prepaid meter electricity price can be set by RF card. Officer can record the electricity price and multi-tariff price inside the RF card. Once the RF card touches the KWH meter itself, this information will be recorded into the prepaid meter.

RF CARD FUNCTIONS
RF cards will not only be used for end-user but also will be used for managers. Managers can use one blank RF card and give that card a specified function by the Acrel-RFMS system. The most common functions are:
- Charging & Deposit
- Replacement for the Lost card
- Energy Consumption Reset
- Forced opening and closing circuit

Catalogue number	Type	Input current	Input voltage (V)	Dimensions (mm)			Packing/Box (pcs)
				L	W	H	
50223	ADL300-EYZ/F	10A(80A)	3×220/380V	144	70	88	1/84

ACCESSORIES:

RF CARD READER FOR PREPAID AND POST-PAID KWH METERS



Catalogue number:
50225

NOTE: Comes with 1.5m length USB cable

RF CARD

Catalogue number:
50224

5 YEARS TOTAL WARRANTY
3 standard + 2 extended

TESTED IN **ELMARK** FACTORY BULGARIA

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The Brand of Electricity

ANALOGUE (POINTER) PANEL METERS SD72 TYPE FOR BUILD-IN

Documents corresponding to the product:
Standard EN 60051-1

Analogue devices adjusted for mounting on the front panel of electrical boards. Designed for frequency measurement, capacity, alternating or direct voltage and current of the power supply grid, with overall dimensions 72x72mm. They are manufactured based on bridge measurement schemes. There is possibility for display change for the higher scopes of measuring.



ANALOGUE AMPERE METER

Catalogue number	Type	Type of the measurement system	Precision class	Range	Note	Packing/ Box (pcs)
654010	Ampere meter AC	MEMSI	1.5	0-100A	Current transfer 100/5	1/100
654020	Ampere meter AC	MEMSI	1.5	0-200A	Current transfer 200/5	1/100
654040	Ampere meter AC	MEMSI	1.5	0-400A	Current transfer 400/5	1/50
654060	Ampere meter AC	MEMSI	1.5	0-600A	Current transfer 600/5	1/50
654100	Ampere meter AC	MEMSI	1.5	0-1000A	Current transfer 1000/5	1/50
654150	Ampere meter AC	MEMSI	1.5	0-1500A	Current transfer 1500/5	1/50
50128	Ampere meter DC	MEMC	1.5	0-5A	-	1/50
50129	Ampere meter DC	MEMC	1.5	0-50A	Outer resistor 60mV	1/50

Note: MEMSI - magnetic-electrical movable steel instrument;
MEMC - magnetic-electrical movable coil



ANALOGUE VOLTMETER

Catalogue number	Type	Type of the measurement system	Precision class	Range	Packing/ Box (pcs)
50125	Voltmeter AC*	MEMSI	1.5	0-500V	1/50
50130	Voltmeter DC	MEMC	1.5	0-50V	1/50
50131	Voltmeter DC	MEMC	1.5	0-100V	1/20

* Possibility for supplying with voltage transformer X/100V for range expanding
Note: MEMSI - magnetic-electrical movable steel instrument;
MEMC - magnetic-electrical movable coil

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

ANALOGUE FREQUENCY METER



Catalogue number	Type	Type of the measurement system	Precision class	Range	Packing/ Box (pcs)
50126	Frequency meter**	ME	0.5	45-65Hz	1/50

** Possibility for voltage 110V, 230V , 400V
Note: MEMSI - magnetic-electrical movable steel instrument;
MEMC - magnetic-electrical movable coil

ANALOGUE COSΦ METER



Catalogue number	Type	Type of the measurement system	Precision class	Range	Packing/ Box (pcs)
50127	Cosφ meter	MEMSI	1.5	3P 400V	1/50

Note: MEMSI - magnetic-electrical movable steel instrument;
MEMC- magnetic-electrical movable coil

ANALOGUE WATT METER



Catalogue number	Type	Type of the measurement system	Precision class	Range	Packing/ Box (pcs)
50132	Watt meter	MEMSI	1.5	0-3000W 1P240V	1/25
50133	Watt meter	MEMSI	1.5	0-3000W 3P 3 line	1/25
50134	Watt meter	MEMSI	1.5	0-3000W 3P 4 line	1/25

Note: MEMSI - magnetic-electrical movable steel instrument;
MEMC - magnetic-electrical movable coil

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

TESTED IN **ELMARK** FACTORY BULGARIA

ELMARK
The Brand of Electricity

ALL-PURPOSE LIMIT SWITCH – SERIES CSA-XXX

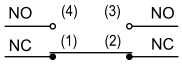
Product conformity documentation:
Standard: EN 60947-1; EN 60947-5-1

The all-purpose limit switches are devices used in automatic systems as a control element. They are used for setting of gearing limits. They are mounted on transport lines, conveyors and other linear progressive motion machines. They feature a vibration-resistant metal shell.

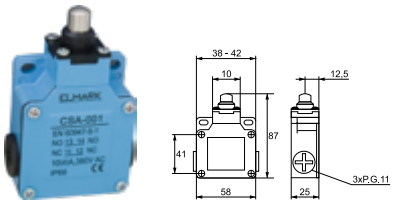
TECHNICAL DATA

- Dielectric strength: 1000V AC
- Rated current: 10A active; 4A inductive
- Insulating resistance: 100mΩ
- Electrical endurance (number of cycles): 500 000 with active load
- Mechanical endurance (number of cycles): 1 000 000
- Gearing speed: 5mm/s to 0.5 m/s
- Rated voltage: 230V
- Rated current: up to 10A
- IP code: IP66
- Cable input: cable glandPG11
- Section of power supply conductor: up to 2mm²
- Fastening strength of terminals: 6-8kgf/cm

Type of contact system



Catalogue number	Type	Type of the head	Power of starting (g)	Power of release (g)	Switching position	General movement	Packing/Box (pcs)
46A001	CSA - 001	Metal cylinder	800	400	2.0mm	5.8mm	10/90
46A003	CSA - 003	Cylinder with metal roll	800	400	2.0mm	5.8mm	10/90
46A012	CSA - 012	Horizontal lever with metal roll	800	400	2.0mm	5.8mm	10/90
46A031	CSA - 031	Adjustable lever with metal roll	400	100	22.5°	95°	10/80
46A021	CSA - 021	Lever with metal roll	400	100	22.5°	95°	10/80
46A081	CSA - 081	Spring lever	150	50	22.5°	50mm	10/80



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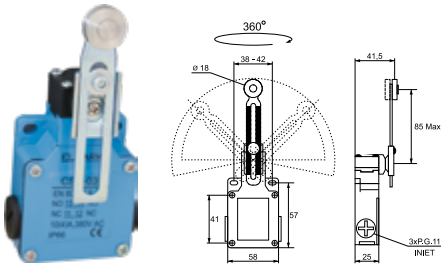

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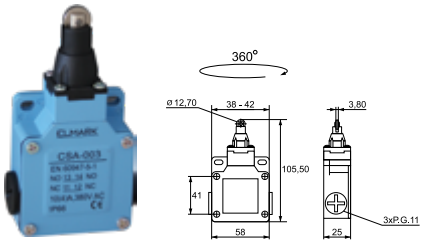

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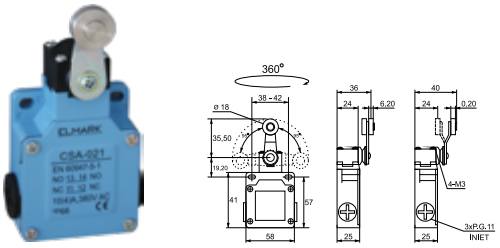

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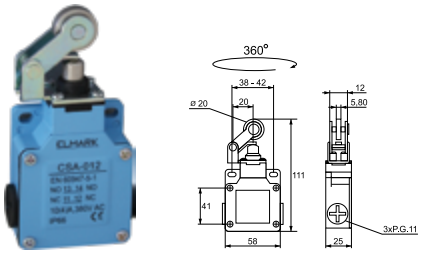

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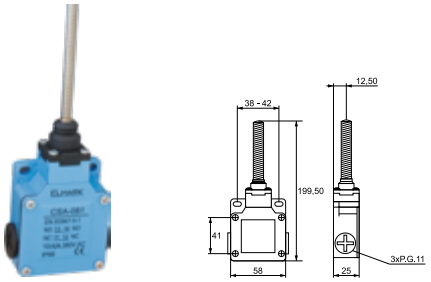


46A081

3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.

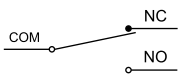
TESTED IN **ELMARK** FACTORY BULGARIA

ALL-PURPOSE LIMIT SWITCH – SERIES TZ-6XXX

Product conformity documentation:
Standard: EN 60947-1;
EN 60947-5-1

The all-purpose limit switches are installed on transport lines, conveyors and other linear progressive motion machines. The miniature limit switch is mounted in an aluminium shell, resistant to vibrations, lubricants and water.

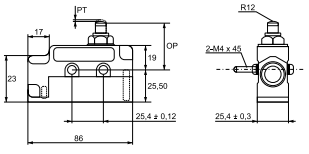
Type of contact system



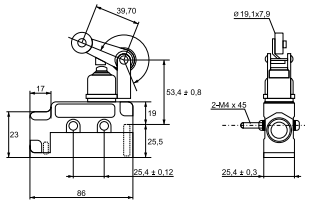
TECHNICAL DATA

- Dielectric strength: 1000V AC
- Rated current: 15A active; 5A inductive
- Insulating resistance: 100mΩ
- Contact resistance: 15mΩ
- Electrical endurance (number of cycles): 500 000 with active load
- Mechanical endurance (number of cycles): 10 000 000
- Gearing speed: 0.1mm/s to 0.5 m/s
- Rated voltage: 230V
- IP code: IP65
- Cable input: cable gland PG11
- Section of power supply conductor: up to 1.5mm²

Catalogue number	Type	Type of the head	Power of starting (g)	Power of release (g)	Switching position	General movement	Packing/Box (pcs)
466001	TZ-6001	Metal cylinder	350	115	0.5mm	5.5mm	1/50
466101	TZ -6101	Oil-resistant metal cylinder	800	240	2mm	5mm	1/50
466102	TZ -6102	Oil-resistant cylinder with metal roll	500	100	1mm	3.5mm	1/50
466104	TZ -6104	Oil-resistant horizontal lever with metal roll	640	230	5mm	6mm	1/50
466143	TZ -6143	Oil-resistant vertical lever with metal roll	640	230	5mm	6mm	1/50
466106	TZ -6106	Spring lever	150	-	20°	-	1/50

466001

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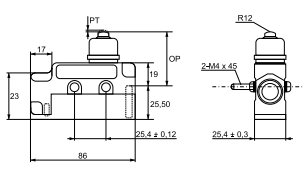

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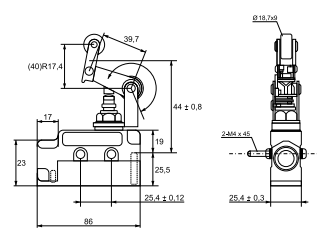

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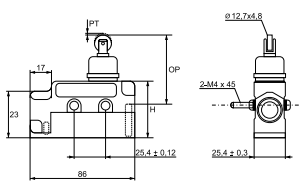

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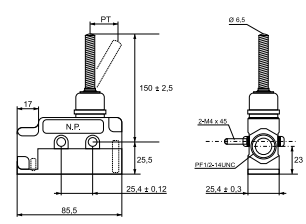


466106

Scan each QR code to see product price and availability.

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

TESTED IN **ELMARK** FACTORY BULGARIA

ELMARK
The Brand of Electricity

UNIVERSAL LIMIT SWITCH – SERIES CM-1XXX

Product conformity documentation:
Standard: EN 60947-1; EN 60947-5-1

Limit switches of the CM series are used mainly as replacement of the limit switches of the TZ series or for setting the movement limits of some types of equipment. The switches are supplied with screw cable terminals. They can work at resistance loads as high as 15A, and are of single circuit type. Limit switches have high accuracy and can operate at wide variety of speeds.

TECHNICAL DATA

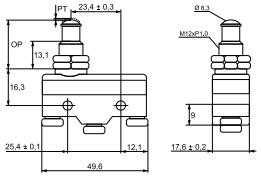
- Dielectric Strength: 1000V AC
- Rated current: 15A active; 5A inductive
- Insulation Resistance: 100mΩ min. (at 500VDC)
- Contact Resistance: 5mΩ
- Electrical Life (No. of cycles): 500 000 with non-inductive load
- Mechanical Life (No. of cycles): 5 000 000
- Operating frequency: 20 electrical operations/ minute
- Operating speed: 0.1mm/s to 1.0m/s
- Rated voltage: 230V
- IP code: IP40
- Fastening strength of terminals: 6-8kgf/cm

Type of contact system



Catalogue number	Type	Type of the head	Power of starting (g)	Power of release (g)	Switching position	General movement	Packing/Box (pcs)
468105	CM -1307	Metal cylinder	350	114	0.4mm	5.5mm	1/480
468106	CM -1309	Cylinder and transverse metal roll	350	114	0.4mm	5.5mm	1/480
468109	CM -1308	Cylinder longitudinal metal roll	350	114	0.4mm	5.5mm	1/480
468110	CM -1305	Metal cylinder	350	114	0.4mm	1.6mm	1/480
468113	CM -1703	Extended metal roll	160	22	7.1mm	1.02mm	1/480
468117	CM -1705	Spring lever	10	3	20mm	5.6mm	1/480

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended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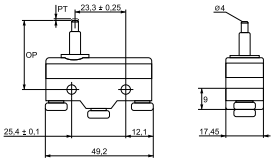
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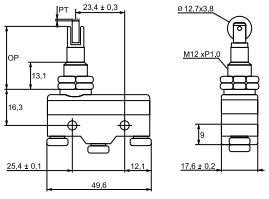
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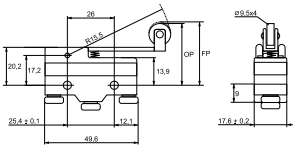
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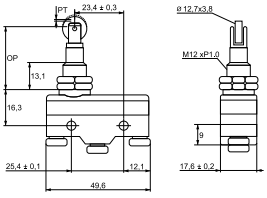
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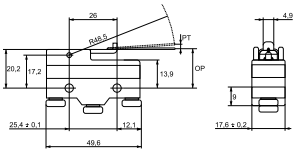

468117

Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA

ALL-PURPOSE LIMIT SWITCH – SERIES TZ-8XXX

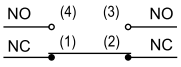
Product conformity documentation:
Standard: EN 60947-1; EN 60947-5-1

The all-purpose limit switches are devices used for setting gearing limits. They are mounted on transport lines, conveyors and other linear progressive motion machines. They have small dimensions and a vibration-resistant metal shell with plastic lid, resistant to oil and water.

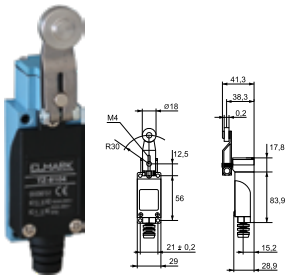
TECHNICAL DATA

- Dielectric strength: 1000V AC
- Rated current: 5A active; 3A inductive
- Insulating resistance: 100MΩ
- Contact Resistance: 25mΩ
- Electrical endurance (number of cycles): 500 000 with active load
- Mechanical endurance (number of cycles): 5 000 000
- Gearing speed: 5mm/s to 0.5 m/s
- Rated voltage: 230V
- IP code: IP65
- Cable input: cable gland PG11
- Section of power supply conductor: up to 2mm
- Fastening strength of terminals: 6-8kgf/cm

Type of contact system



Catalogue number	Type	Type of the head	Power of starting (g)	Power of release (g)	Switching position	General movement	Packing/Box (pcs)
468104	TZ -8104	Lever with metal roll	750	100	20°	50°	10/100
468108	TZ -8108	Adjustable lever with metal roll	750	100	20°	50°	10/100
468112	TZ -8112	Cylinder with metal roll	900	150	1.5mm	4.0mm	10/100
468111	TZ -8111	Metal cylinder	900	150	1.5mm	4.0mm	10/100
468107	TZ -8107	Metal rod	750	100	20°	50°	10/100
468167	TZ -8167	Spring lever	150	-	30mm	-	10/100



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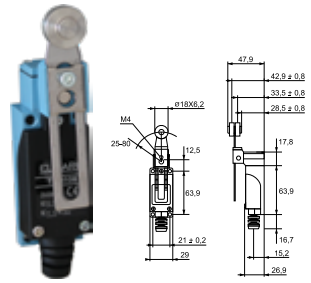

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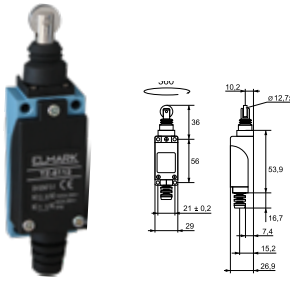

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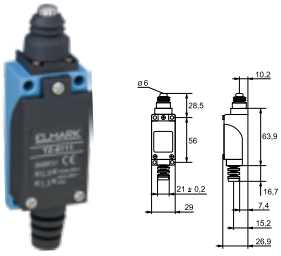

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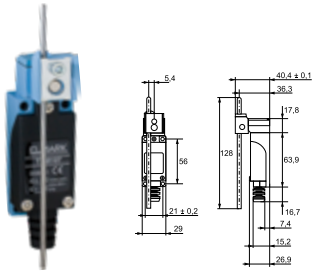

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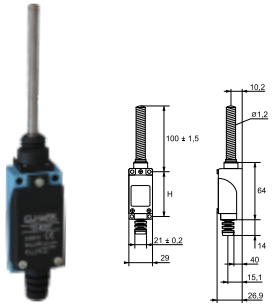


468167

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA

ELMARK
The Brand of Electricity

ALL-PURPOSE LIMIT SWITCH – SERIES CWL-XXX

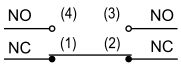
Product conformity documentation:
Standard: EN 60947-1; EN 60947-5-1

The all-purpose limit switches are devices used for setting gearing limits. They are mounted on transport lines, conveyors and other linear progressive motion machines. They have aluminium shell of high mechanic strength and resistance to oil, water and pressure.

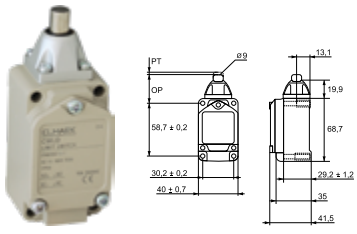
TECHNICAL DATA

- Dielectric strength: 1000V AC
- Rated current: 10A active; 3A inductive
- Insulating resistance: 100mΩ
- Contact resistance: 15mΩ
- Electrical endurance (number of cycles): 500 000 with active load
- Mechanical endurance (number of cycles): 10 000 000
- Gearing speed: 1mm/s to 2 m/s
- Rated voltage: 230V
- IP code: IP66
- Cable input: cable gland
- Metal shell
- Vibration-resistant

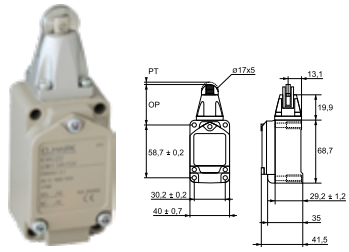
Type of contact system



Catalogue number	Type	Type of the head	Power of starting (g)	Power of release (g)	Switching position	General movement	Packing/Box (pcs)
46LD	CWLD	Metal cylinder	2720	910	2.0mm	6.4mm	1 / 50
46LD2	CWLD2	Cylinder with metal roll	2720	910	2.0mm	5.6mm	1 / 50
46LCA2-2	CWLCA2-2	Lever with metal roll	1360	227	20°	50°	1 / 50
46LCA12-2Q	CWLCA12-2-Q	Adjustable lever with metal roll	2720	910	20°	50°	1 / 50
46LCA32-41	CWCA32-41	Fork	1200	-	55°	90±10°	1 / 50
46LNJ	CWLNJ	Oil-resistant spring lever	150	-	28mm	90±10°	1 / 50
46LCL	CWLCL	Metal rod	142	28	20°	50°	1 / 50



46LD



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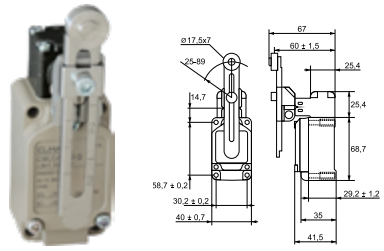

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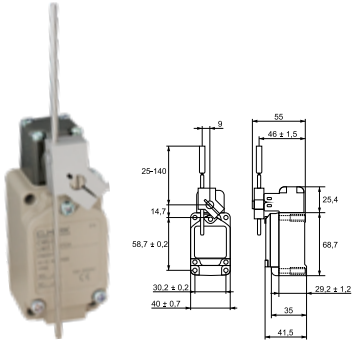

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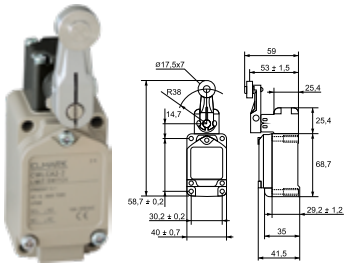

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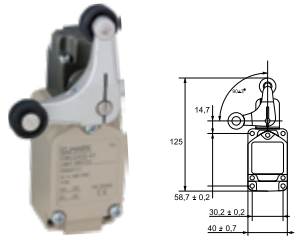
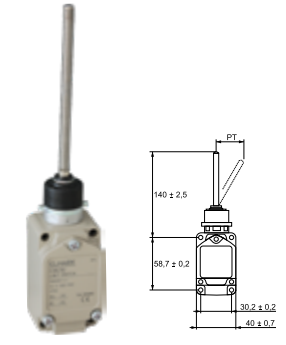


46LCA32-41



46LNJ

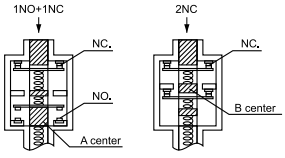
3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

Scan each QR code to see product price and availability.

UNIVERSAL LIMIT SWITCH – SERIES CZ93-XX

Product conformity documentation:
Standard: EN 60947-1;
EN 60947-5-1

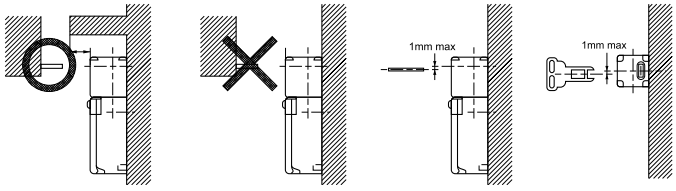
Type of the contact system



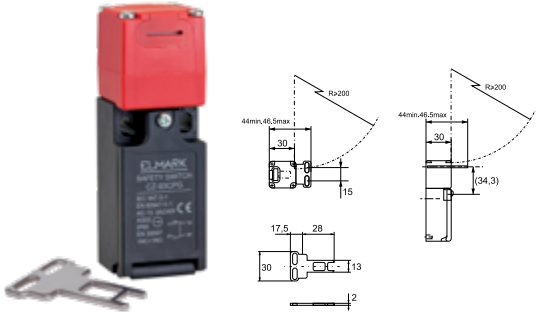
Limit switches of the CZ 93 series are Safety Key Interlock Switches. They are used in object control systems with high safety requirements. The limit switch body is mounted to the fixed system component, while the safety key is mounted to the movable system component. System operation cannot start, unless a full interlocking is achieved. Safety key interlock switches can operate at up to 10A non-inductive resistance load, 3A lamp load and 5A inductive load. They have high operating accuracy at wide variety of speeds. These limit switches are available in two versions depending on the operating contacts number: 2NC and NO+NC

TECHNICAL DATA

- Dielectric Strength: 2500V AC
- Rated current: 10A active; 3A inductive
- Insulation Resistance: 100mΩ min. (at 500VDC)
- Contact Resistance: 25mΩ
- Electrical Life (No. of cycles): 50 000 with non-inductive load
- Mechanical Life (No. of cycles): 2 000 000
- Operating frequency: 30 electrical operations/ minute
- Operating speed: 0.1mm/s to 0.5m/s
- Rated voltage: 230V
- IP code: IP65

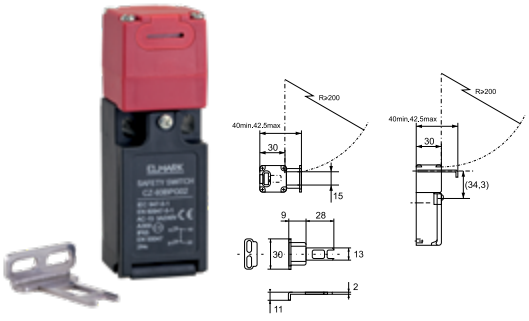


Catalogue number	Type	Key type	Power of starting (g)	Power of release (g)	Switching position	General movement	Key Actuating	Packing/Box (pcs)
46CZ08	CZ-93BPG01	CZ93-K1	147N	29.4N	6 mm	28mm	Horizontal	10 / 100
46CZ09	CZ-93CPG01	CZ93-K1	147N	29.4N	6 mm	28mm	Horizontal	10 / 100
46CZ10	CZ-93BPG02	CZ93-K2	147N	29.4N	6 mm	28mm	Vertical	10 / 100
46CZ11	CZ-93CPG02	CZ93-K2	147N	29.4N	6 mm	28mm	Vertical	10 / 100
46CZ12	CZ-93BPG03	CZ93-K3	147N	29.4N	6 mm	28mm	Adjustable	10 / 100
46CZ13	CZ-93CPG03	CZ93-K3	147N	29.4N	6 mm	28mm	Adjustable	10 / 100

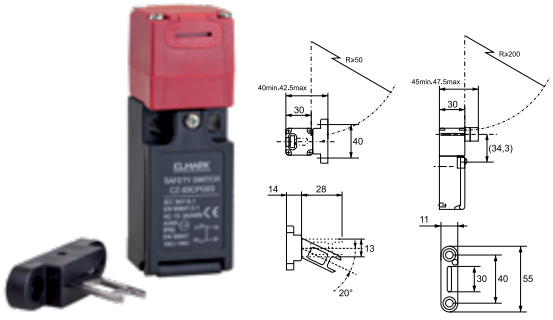


46CZ08 / Key type CZ93-K1
46CZ09/ Key type CZ93-K1

Catalogue number	Type	Key Actuating	Packing/Box (pcs)
46CZ931	CZ93-K1	Horizontal	1/100
46CZ932	CZ93-K2	Vertical	1/100
46CZ933	CZ93-K3	Adjustable	1/100



46CZ10/ Key type CZ93-K2
46CZ11/ Key type CZ93-K2



46CZ12/ Key type CZ93-K3
46CZ13/ Key type CZ93-K3

3 YEARS TOTAL WARRANTY
3 standard
0 extended

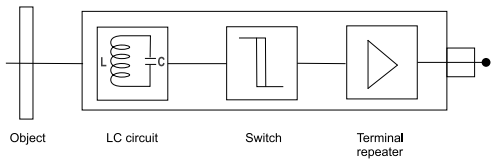
Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA

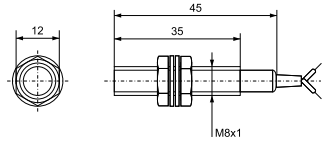
ELMARK
The Brand of Electricity

ALL-PURPOSE PROXIMITY SWITCH – SERIES LM XX

Proximity induction sensors are all-purpose switches used in machine systems and equipment for no contact surveillance of metal elements motion. They can also be used in other machine systems applications as no contact control sensors for level of liquids, control sensors for the speed and position of rotating chains, etc. They are developed on the base of PNP and NPN transition. They have small dimensions and feature a metal cylindrical shell resistant to vibrations and a plastic lid which is oil and water resistant.



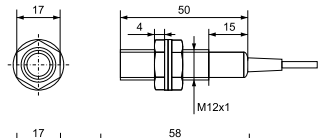
TECHNICAL DATA
- Insulating resistance: ≥ 50 M Ω
- Gearing distance: from 2 mm to 7 mm
- Precision of repetition: 0.01
- Ambient temperature: -25˚C to +65˚C
- Gearing speed: 5mm/s
- Rated voltage: 6~36VDC; 90~230VAC
- IP code: IP 67





EL-LM8

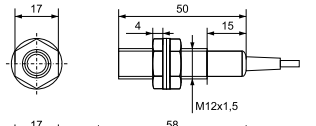
Catalogue number	Type	Start distance (mm)	Power supply voltage	Type of transition	Type of contact	Output load	Packing / Box (pcs)
46LM 8-32NA	EL-LM8-3002NA	2	15~30 VDC	NPN	NO	130 mA	2 / 200
46LM 8-32NB	EL-LM8-3002NB	2	15~30 VDC	NPN	NC	130 mA	2 / 200
46LM 8-32PA	EL-LM8-3002PA	2	15~30 VDC	PNP	NO	130 mA	2 / 200
46LM 8-32PB	EL-LM8-3002PB	2	15~30 VDC	PNP	NC	130 mA	2 / 200
46LM 8-22A	EL-LM8-2002A	2	90~230VAC	SCR	NO	150 mA	2 / 200





EL-LM12

Catalogue number	Type	Start distance (mm)	Power supply voltage	Type of transition	Type of contact	Output load	Packing / Box (pcs)
46LM 12-34NA	EL-LM12-3004NA	4	15~30 VDC	NPN	NO	200 mA	2 / 200
46LM 12-34NB	EL-LM12-3004NB	4	15~30 VDC	NPN	NC	200 mA	2 / 200
46LM 12-34PA	EL-LM12-3004PA	4	15~30 VDC	PNP	NO	200 mA	2 / 200
46LM 12-34PB	EL-LM12-3004PB	4	15~30 VDC	PNP	NC	200 mA	2 / 200
46LM 12-24A	EL-LM12-2004A	4	90~230VAC	SCR	NO	300 mA	2 / 200





EL-LM12

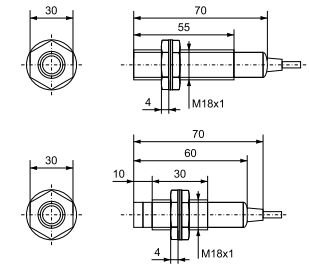
Catalogue number	Type	Start distance (mm)	Power supply voltage	Type of transition	Type of contact	Output load	Packing / Box (pcs)
46LM 12-44A	EL-LM12-4002A	2	230VAC	Inductive	NO	100 mA	2 / 200
46LM 12-46A	EL-LM12-4004A	4	230VAC	Inductive	NO	300 mA	2 / 200

3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA

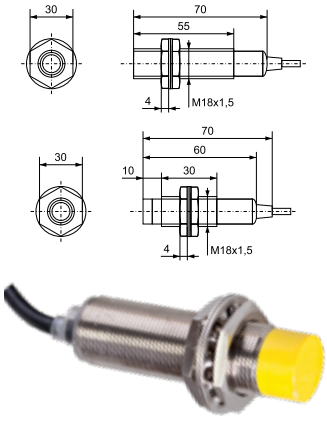
3 YEARS TOTAL WARRANTY
3 standard
0 extended





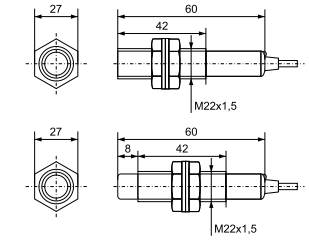
EL-LM18

Catalogue number	Type	Start distance (mm)	Power supply voltage	Type of transition	Type of contact	Output load	Packing / Box (pcs)
46LM 18-38NA	EL-LM18-3008NA	8	15~30 VDC	NPN	NO	200 mA	1 / 100
46LM 18-38NB	EL-LM18-3008NB	8	15~30 VDC	NPN	NC	200 mA	1 / 100
46LM 18-38PA	EL-LM18-3008PA	8	15~30 VDC	PNP	NO	200 mA	1 / 100
46LM 18-38PB	EL-LM18-3008PB	8	15~30 VDC	PNP	NC	200 mA	1 / 100
46LM 18-28A	EL-LM18-2008A	8	90~230VAC	SCR	NO	300 mA	1 / 100



EL-LM18

Catalogue number	Type	Start distance (mm)	Power supply voltage	Type of transition	Type of contact	Output load	Packing / Box (pcs)
46LM 18-44A	EL-LM18-4006A	5	230VAC	Inductive	NO	100 mA	1 / 100
46LM 18-48A	EL-LM18-4008A	8	230VAC	Inductive	NO	300 mA	1 / 100





EL-LM22

Catalogue number	Type	Start distance (mm)	Power supply voltage	Type of transition	Type of contact	Output load	Packing / Box (pcs)
46LM 22-30NA	EL-LM22-3010NA	10	15~30 VDC	NPN	NO	200 mA	1 / 100
46LM 22-30NB	EL-LM22-3010NB	10	15~30 VDC	NPN	NC	200 mA	1 / 100
46LM 22-30PA	EL-LM22-3010PA	10	15~30 VDC	PNP	NO	200 mA	1 / 100
46LM 22-30PB	EL-LM22-3010PB	10	15~30 VDC	PNP	NC	200 mA	1 / 100
46LM 22-20A	EL-LM22-2010A	10	90~230VAC	SCR	NO	300 mA	1 / 100

Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA

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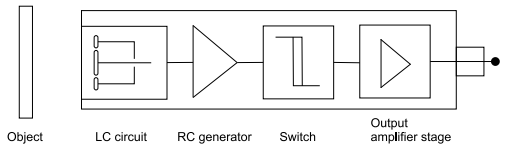
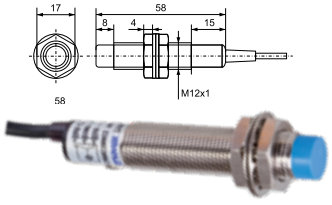
CAPACITIVE SENSORS – SERIES CM XX

Capacitive sensors are used in machine systems and equipment for no-contact motion surveillance. They consist of two coaxial electrodes, a condenser and RC generator. This type of sensors reacts to both metal and non-metal objects, as the gearing distance for non-metal objects depends on their dielectric constants. They allow gearing distance adjustment for non-magnetic conductive materials. They are developed on the base of PNP and NPN transition. They have small dimensions and feature a metal cylindrical shell resistant to vibrations and a plastic lid which is oil and water resistant.

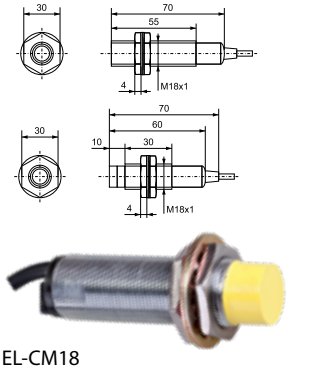


TECHNICAL DATA
- Insulating resistance: ≥ 50 M Ω
- Gearing distance: from 2 mm to 15 mm
- Precision of repetition: 0.01
- Ambient temperature: -25˚C to +65˚C
- Gearing speed: 5mm/s
- Rated voltage: 6~36VDC; 90~230VAC
- IP code: IP 54



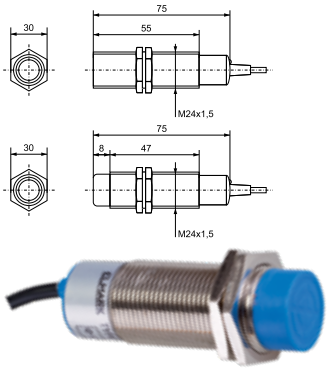
EL-CM12

Catalogue number	Type	Start distance (mm)	Power supply voltage	Type of transition	Type of contact	Output load	Packing / Box (pcs)
46CM 12-32NA	EL-CM12-3004NA	0~4	15~30 VDC	NPN	NO	200 mA	1/100
46CM 12-32NB	EL-CM12-3004NB	0~4	15~30 VDC	NPN	NC	200 mA	1/100
46CM 12-32PA	EL-CM12-3004PA	0~4	15~30 VDC	PNP	NO	200 mA	1/100
46CM 12-32PB	EL-CM12-3004PB	0~4	15~30 VDC	PNP	NC	200 mA	1/100



EL-CM18

Catalogue number	Type	Start distance (mm)	Power supply voltage	Type of transition	Type of contact	Output load	Packing / Box (pcs)
46CM 18-38NA	EL-CM18-3008NA	0~8	15~30 VDC	NPN	NO	200 mA	1/100
46CM 18-38NB	EL-CM18-3008NB	0~8	15~30 VDC	NPN	NC	200 mA	1/100
46CM 18-38PA	EL-CM18-3008PA	0~8	15~30 VDC	PNP	NO	200 mA	1/100
46CM 18-38PB	EL-CM18-3008PB	0~8	15~30 VDC	PNP	NC	200 mA	1/100
46CM 18-28A	EL-CM18-2008A	0~8	90~230VAC	SCR	NO	300 mA	1/100



EL-CM24

Catalogue number	Type	Start distance (mm)	Power supply voltage	Type of transition	Type of contact	Output load	Packing / Box (pcs)
46CM 24-12NA	EL-CM24-3012NA	8	15~30 VDC	NPN	NO	200 mA	1/100
46CM 24-12NB	EL-CM24-3012NB	8	15~30 VDC	NPN	NC	200 mA	1/100
46CM 24-12PA	EL-CM24-3012PA	8	15~30 VDC	PNP	NO	200 mA	1/100
46CM 24-12PB	EL-CM24-3012PB	8	15~30 VDC	PNP	NC	200 mA	1/100
46CM 24-12A	EL-CM24-2012A	8	90~230VAC	SCR	NO	300 mA	1/100

3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

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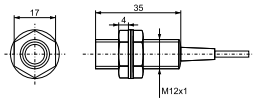

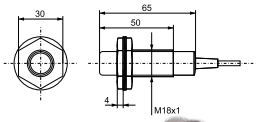



EL-SM12

Catalogue number	Type	Start distance (mm)	Power supply voltage	Type of transition	Type of contact	Output load	Packing / Box (pcs)
46SM 12-31NA	EL-SM12-3110NA	10	15~30 VDC	NPN	NO	200 mA	2/200
46SM 12-31NB	EL-SM12-3110NB	10	15~30 VDC	NPN	NC	200 mA	2/200
46SM 18-31PA	EL-SM18-3110PA	10	15~30 VDC	PNP	NO	200 mA	1/100
46SM 18-31PB	EL-SM18-3110PB	10	15~30 VDC	PNP	NC	200 mA	1/100
46XM 18-35A	EL-XM18-305PMI	5	15~30 VDC	Inductive	NO	100 mA	1/100
46XM 18-35B	EL-XM18-305PMU	5	15~30 VDC	Inductive	NC	100 mA	1/100

Note: Sensor of Hall



EL-XM24

Catalogue number	Type	Start distance (mm)	Power supply voltage	Type of transition	Type of contact	Output load	Packing / Box (pcs)
46XM 24-38A	EL-XM24-308PMI	8	15~30 VDC	Inductive	NO	300 mA	1/100
46XM 24-38B	EL-XM24-308PMU	8	15~30 VDC	Inductive	NC	300 mA	1/100

Note: MI - current type; MU - voltage type

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

Scan each QR code to see product price and availability.

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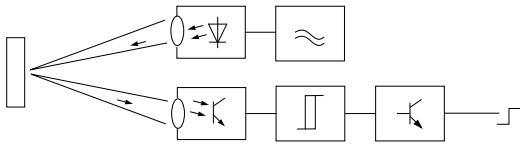
PHOTO-ELECTRICAL SENSOR

Photo-electrical sensors of the Gxx series are all-purpose switches used in machine systems and equipment for no contact surveillance of motion of elements. They are based on the photoelectric principle of operation – inside the sensor there is a photo signal emitter and receiver of the returned signal. There are three types of sensors: diffuse sensors, reflector sensors and emitter-receiver sensors. These types of sensors differ in the way of returning the signal. They allow for gearing distance adjustment. They are developed on the base of PNP and NPN transition. They have small dimensions and feature a cylindrical metal shell resistant to vibrations and a plastic lid which is oil and water resistant.

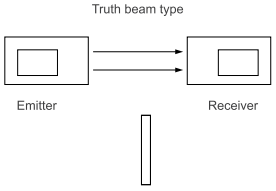


TECHNICAL DATA
- Power supply voltage: 15~30 VDC
- Insulating resistance: ≥ 50 M Ω
- Gearing distance: from 2 mm to 7 mm
- Precision of repetition: 0.01
- Ambient temperature: -25˚C to +65˚C
- Gearing speed: 5mm/s
- Rated voltage: 6~36VDC; 90~230VAC
- IP code: IP 67



EL-G12

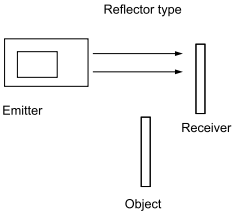
Catalogue number	Type	Start distance	Type of transition	Type of contact	Type of sensor	Packing / Box (pcs)
46G12A071	EL-G12-3A07NA	70 mm	NPN	Ø12; l=50	Diffuse	1/100
46G12A072	EL-G12-3A07PA	70 mm	PNP	Ø12; l=50	Diffuse	1/100





EL-G18

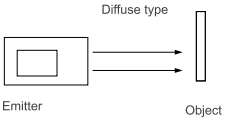
Catalogue number	Type	Start distance	Type of transition	Type of contact	Type of sensor	Packing / Box (pcs)
46G18A101	EL-G18-3A10NA	100 mm	NPN	Ø18; l=70	Diffuse	1/100
46G18A102	EL-G18-3A10PA	100 mm	PNP	Ø18; l=70	Diffuse	1/100
46G183B11	EL-G18-3B2NA	2 m	NPN	Ø18; l=70	Reflector	1/100
46G183B12	EL-G18-3B2PA	2 m	PNP	Ø18; l=70	Reflector	1/100
46G185C11	EL-G18-3C5NA	5 m	NPN	Ø18; l=70	Truth beam	1/100
46G185C12	EL-G18-3C5PA	5 m	PNP	Ø18; l=70	Truth beam	1/100





EL-G30

Catalogue number	Type	Start distance	Type of transition	Type of contact	Type of sensor	Packing / Box (pcs)
46G30A101	EL-G30-3A70NA	500 mm	NPN	Ø22; l=70	Diffuse	1/100
46G30A102	EL-G30-3A70PA	500 mm	PNP	Ø22; l=70	Diffuse	1/100
46G305C11	EL-G30-3C101NA	10 m	NPN	Ø22; l=70	Truth beam	1/52
46G305C12	EL-G30-3C101PA	10 m	PNP	Ø22; l=70	Truth beam	1/52



3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.

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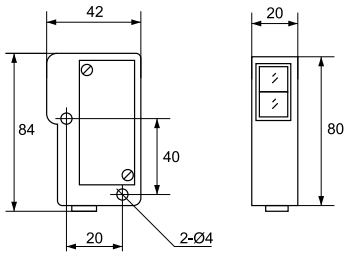
EL-G35

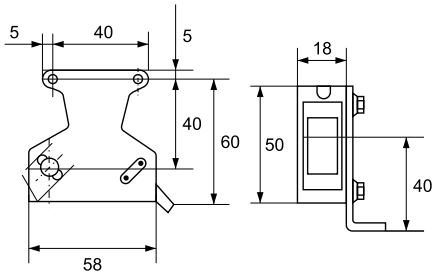
Catalogue number	Type	Start distance	Type of transition	Type of contact	Type of sensor	Packing/ Box (pcs)
46G35A102	EL-G35-3A50PA	500 mm	PNP	NO	Diffuse	1/100
46G353B11	EL-G35-3B3NA	3 m	NPN	NO	Reflector	1/100
46G353B12	EL-G35-3B3PA	3 m	PNP	NO	Reflector	1/100





EL-G50

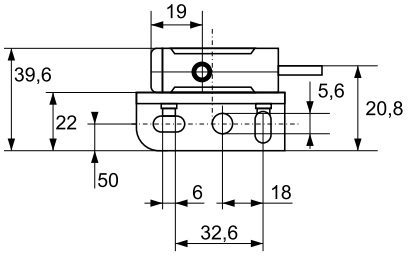
Catalogue number	Type	Start distance	Type of transition	Type of contact	Type of sensor	Packing/ Box (pcs)
46G50A101	EL-G50-3A30NA	500 mm	NPN	NO	Diffuse	1/100
46G50A102	EL-G50-3A30PA	500 mm	PNP	NO	Diffuse	1/100
46G503B11	EL-G50-3B4NA	4 m	NPN	NO	Reflector	1/100
46G503B12	EL-G50-3B4PA	4 m	PNP	NO	Reflector	1/100
46G505C11	EL-G50-3C5NA	5 m	NPN	NO	Truth beam	1/50
46G505C12	EL-G50-3C5PA	5 m	PNP	NO	Truth beam	1/50





EL-BZJ

Catalogue number	Type	Start distance	Type of transition	Type of contact	Type of sensor	Packing/ Box (pcs)
46BZJ211	EL-BZJ-211	10 mm	Reflector	NO	Colour detector	1/50
46BZJ311	EL-BZJ-311	9mm	Reflector	NO	Colour detector	1/50
46BZJ411	EL-BZJ-411	9mm	Reflector	NO	Colour detector	1/50



3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.

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POWER SUPPLIES

The DRP-xx-xx series of power supplies are voltage reduction and rectification units ideally suited to provide stable power supply of systems and equipment for contact-free movement monitoring elements (such as inductive, capacity and photo sensors, logic elements and systems, etc.). They have small overall dimensions and can be installed on a DIN rail. The power units have metal or plastic cases resistant to vibrations and plastic oil and waterproof covers. They can provide stable output voltage at comparatively fluctuating input voltage. Devices have built-in overload and short circuit protection, allowing short time overload of up to 130%. Power supplies are available with various output voltages (5, 12, 15 and 24 V DC) and different output power rates.

TECHNICAL DATA
- Input voltage: 80 ~ 230V AC
- Over-voltage: 115 ~ 135% of the rated output voltage
- Overload: 120 ~ 120% of the rated output power
- Terminals: Input – 2 screw terminals; Output: 4 screw terminals;
- IP code: IP44
- Power indicator
- Installation: DIN rail
- Cooling: Free air-cooling convection



DR - 45

LIMITED STOCK

Catalogue number	Type	Output Voltage (V)	Output Load (A)	Tolerance	Power (W)	Dimensions W/H/L (mm)	Packing / Box (pcs)
46DR455	DR - 45 -5	5	5	±2%	25	78 / 93 / 56	1/50
46DR4512	DR - 45 - 12	12	3.5	±1%	42	78 / 93 / 56	1/50
46DR4515	DR - 45 - 15	15	2.8	±1%	42	78 / 93 / 56	1/50
46DR4524	DR - 45 - 24	24	2	±1%	48	78 / 93 / 56	1/16



DRP-240-24

LIMITED STOCK

Catalogue number	Type	Output Voltage (V)	Output Load (A)	Tolerance	Power (W)	Dimensions W/H/L (mm)	Packing / Box (pcs)
46DR7512	DR - 75 -12	12	6.3	±2%	75	55.5 / 125.3 / 100	1/18
46DR7524	DR - 75 - 24	24	3.2	±1%	75	55.5 / 125.3 / 100	1/18
46DR2424	DRP - 240 - 24	24	10	±1%	240	125.5 / 125.3 / 100	1/12

5 YEARS TOTAL WARRANTY
3 standard + 2 extended

Scan each QR code to see product price and availability.

SINGLE OUTPUT INDUSTRIAL DC POWER SUPPLY

TECHNICAL DATA
- Input voltage: 85 ~ 264V AC
- Overload: 110 ~ 150% hiccup mode, recovers autamatically after fault condition is removed
- Over-voltage: 115 ~ 135% hiccup mode, recovers autamatically after fault condition is removed
- Protections: Short circuit, over load and over voltage
- LED power indicator
- Installation: DIN rail
- Ambient temperature: from -25°C to 70°C
- Cooling: Free air-cooling convection



DR - 60 - 12



DR - 60 - 24

SINGLE OUTPUT INDUSTRIAL DC POWER SUPPLY, TYPE DR-60

Catalogue number	Type	Output Voltage (V)	Output Load (A)	Power (W)	Dimensions L/W/H (mm)	Packing / Box (pcs)
46DR6012	DR-60-12	12	4,5	54	78x93x56	1/45
46DR6024	DR-60-24	24	2,5	60	78x93x56	1/45



DR - 120 -12

SINGLE OUTPUT INDUSTRIAL DC POWER SUPPLY, TYPE DR-120

Catalogue number	Type	Output Voltage (V)	Output Load (A)	Power (W)	Dimensions L/W/H (mm)	Packing / Box (pcs)
46DR12012	DR-120-12	12	10	120	65,5x125,2x100	1/24
46DR12024	DR-120-24	24	5	120	65,5x125,2x100	1/24
46DR24024	DR-240-24	24	10	240	125x125,2x100	1/12



DR - 240 -24

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA

ELMARK
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FLOAT SWITCHES

The automatic level control units of the DHC1Y-xx series are intended for mounting on pumping control panels. They do not use any additional sensors, but conductive probes to contact the liquid. The unit sends low (harmless) voltage signals to the probes and once a contact between a probe and liquid is established, the unit changes its contactors' state. Units are available in three variants with different number of control contacts suitable for different applications. Each contact can transfer current of up to 5A, which is enough to ensure control over the powerful pumps' contactors or to directly control pumps with mounted power of 1 kW. The automatic level control units can be installed on a DIN rail.

Float switches of the type QW-xx-xx are sealed units for direct pump control. They are intended for continuous liquid level maintenance in pools, tanks or ponds exercised through direct control of the pumping in or out process in the respective reservoir. They are pre-wired and depending on the chosen configuration can control either the pumping in or pumping out of the reservoir. They allow direct control of single-phase pumps with mounted power of 1 kW. Float switches are waterproof.



DHC1Y

Catalogue number	Type	Number of probes (No. of levels)	Output Load (A)	Accuracy	Operating Voltage (V)	Packing / Box (pcs)
46DW001	DHC1Y - S	1	5	±1%	230	1/100
46DW002	DHC1Y - SD	3	5	±1%	230	1/100
46DW003	DHC1Y - T*	1	5	±1%	230	1/100

**Note: 2 pumps control*



QW - M 15 - 3



QW - 70AB

Catalogue number	Type	Number of probes (No. of levels)	Output Load (A)	Accuracy	Operating Voltage (V)	Packing / Box (pcs)
46DW004	QW - M 15 - 3	2	6	±1%	230	1 / 30
46DW005	QW - 70AB	2	4	±1%	230	1 / 20

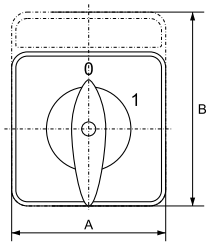
3 YEARS TOTAL WARRANTY
3 standard + 0 extended

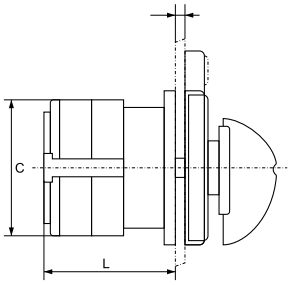
Scan each QR code to see product price and availability.

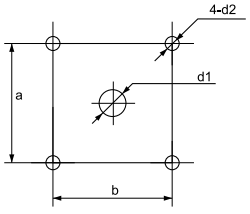
ROTARY SWITCHES LW26 SERIES

Documents corresponding to the product:
Standard: EN 60947-1;
EN 60947-3-1

The rotary switches LW26 series are produced for switching on/off electrical circuits with commutated current from 20 to 160A. They are designed on the bases of the rotor-eccentric switching on which is realized through turning of the handle to 60 or 90 degrees. The normal operation is used for commutation of two, three or four conductor systems. There are special rotary switches that switch on under given connection schemes and are used to control motors, electric welding machines and other consumers.







TECHNICAL DATA
- Power supply voltage: 230/400V; 50Hz
- Insulation voltage: 690V
- Impulse voltage wear resistance: 6000V
- Mechanical wear resistance: 3x105 commutation cycles
- Operating temperature: -10 ÷ +65°C
- Humidity: 35 – 85% RH
- Commuting capacity: up to 160A according to the tables
- Plastic: UV rays wear resistance
- IP code:
  - IP42 for the ordinary breakers mounted in a panel
  - IP65 for the breakers offered in a box
- Cable connection: screw joining
- Tightening moment of the bolt: 1.33N
- Maximum section of the power supply conductors: according to the dimensions table
- Weight: according to the number of the contacts

MOUNTING
- directly to the control panel
- thickness of the surface to which it is mounted: max 5mm

Type	Front panel	Joining conductor (mm^2)	Overall dimensions (mm)				Mounting dimensions (mm)			
			A	B	C	L	a	b	d1	d2
LW26-20	M1 panel	1x2.5	48	48	43	22 + 9.6n	36	36	Ø8.5	Ø4.5
	M1 panel with inscription field		48	60	43	22 + 9.6n	36	36	Ø8.5	Ø4.5
LW26-25	M1 panel	1x4.0	48	48	45.2	23+12.8n	36	36	Ø8.5	Ø4.5
LW26-32	M2 panel	1x6.0	64	64	58	29.2 + 12.8n	48	48	Ø10	Ø4.5
LW26-63	M2 panel	1x16	64	64	66	29.2 + 21.5n	48	48	Ø10	Ø4.5
LW26-125	M3 panel	1x35	88	88	84	35 + 26.5n	68	68	Ø13	Ø6
LW26-160	M3 panel	1x50	88	88	88	35 + 32.5n	68	68	Ø13	Ø6

* n - number of modules



Catalogue number	Type	Scheme	In (A)	Levels	Packing / Box (pcs)
492101	LW26 - 10Q	Q10 three-poles switching on; motor starting and stopping; voltage turning on/off to the consumers	10	2	1/100
492161	LW26 - 16Q		16	2	1/100
492201	LW26 - 20Q		20	2	1/100
492251	LW26 - 25Q		25	2	1/100
492321	LW26 - 32Q		32	2	1/72
492631	LW26 - 63Q		63	2	1/30
492951	LW26 - 125Q		125	2	1/24
492961	LW26 - 160Q		160	2	1/27

5 YEARS TOTAL WARRANTY
3 standard + 2 extended

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ELMARK
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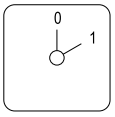
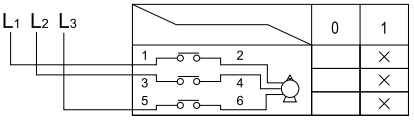
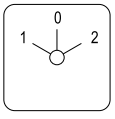
Catalogue number	Type	Scheme	In (A)	Levels	Packing/ Box (pcs)
492207	LW26GS - 20/04	Q11 three-poles switching over; motor starting and stopping; voltage turning on/off to the consumers; possibility for access control	20	2	1/100
492257	LW26GS - 25/04		25	2	1/100
492327	LW26GS - 32/04		32	2	1/72
492637	LW26GS - 63/04		63	2	1/30

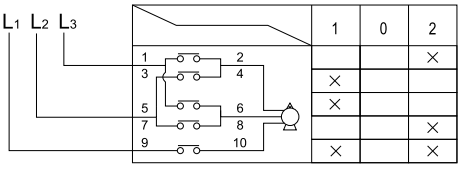






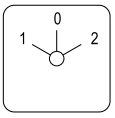
Catalogue number	Type	Scheme	In (A)	Levels	Packing / Box (pcs)
492202	LW26 - 20N	N11 3-position – 2 start positions and 1 stop;for motor reversing	20	3	1/100
492252	LW26 - 25N		25	3	1/100
492322	LW26 - 32N		32	3	1/64
492632	LW26 - 63N		63	3	1/48
492952	LW26 - 125N		125	3	1/24
492962	LW26 - 160N		160	3	1/18

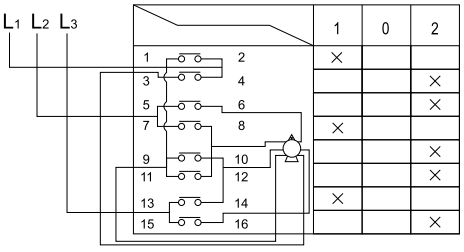






Catalogue number	Type	Scheme	In (A)	Levels	Packing / Box (pcs)
492253	LW26 - 25S	S19 3-position – 2 start positions and 1 stop; for two speed motor control; switching over between charging*	25	4	1 / 100
492633	LW26 - 63S		63	4	1 / 30
492953	LW26 - 125S		125	4	1 / 24
492963	LW26 - 160S		160	4	1 / 18





Note: It is necessary that additional bridges be placed at switching over between charging

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

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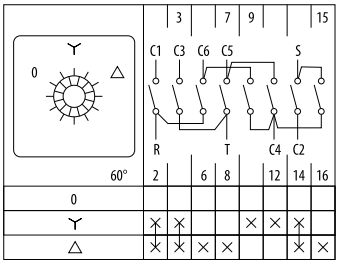
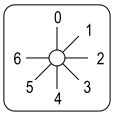
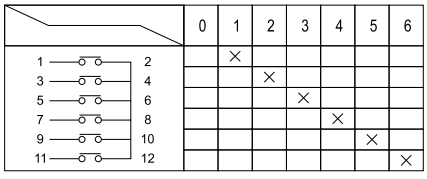
Catalogue number	Type	Scheme	In (A)	Levels	Packing/ Box (pcs)
492025	LW26 - 25 SD	S21 3-position switching on star/delta	25	4	1/100
492063	LW26 - 63 SD		63	4	1/30





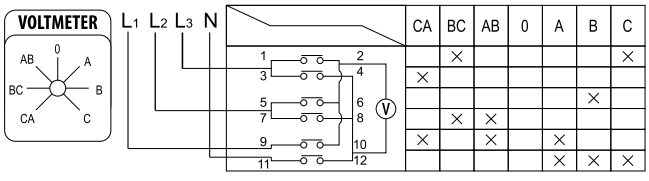
Catalogue number	Type	Scheme	In (A)	Levels	Packing/ Box (pcs)
492324	LW26 - 32H 5881/3	H5881/3 – 85 for welding transformer windings switching over	32	3	1/64
492634	LW26 - 63H 5881/3		63	3	1/48







Catalogue number	Type	Scheme	In (A)	Levels	Packing/ Box (pcs)
492205	LW26 - 20 YH5/3	YH5/3 - 66 for voltage switching over	20	3	1/72



5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

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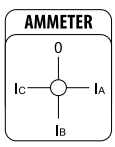
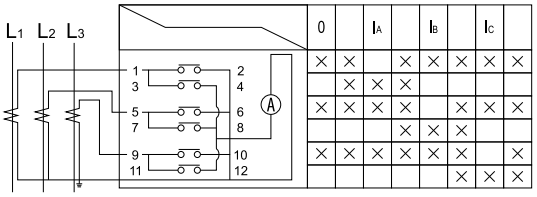
Catalogue number	Type	Scheme	In (A)	Levels	Packing/ Box (pcs)
492206	LW26 - 20 LH3/3	LH3/3 - 58 for ampere meter switching on to current transformers	20	3	1/100



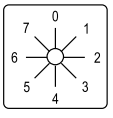




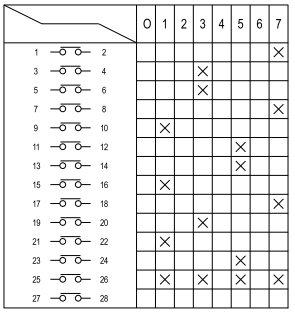
Catalogue number	Type	Scheme	IP code:	Packing/ Box (pcs)
492037	LW26 - 20-25-Q	Box for LW26-20/25	IP 42	1/68
492038	LW26 - 32-Q	Box for LW26-32	IP 42	1/30
492039	LW26 - 20-25-DIN	Adaptor for DIN-rail for LW26-20/25		15/1500



Catalogue number	Type	Scheme	In (A)	Levels	Packing / Box (pcs)
492028	LW26 4.I7168/7	4.I7168/7	20	7	1/100



4.I7168/7



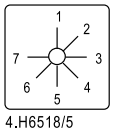
5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

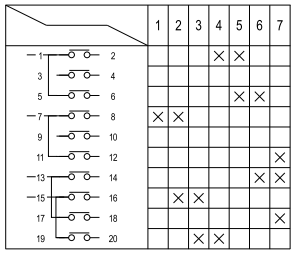
TESTED IN **ELMARK** FACTORY BULGARIA



Catalogue number	Type	Scheme	In (A)	Levels	Packing/ Box (pcs)
492029	LW26 4.H6518/5	4.H6518/5	25	5	1/100



4.H6518/5

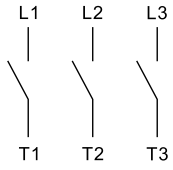




Catalogue number	Type	Scheme	In (A)	Levels	Packing / Box (pcs)
492030	LW30-20	LW30-20	20	3	1 / 32
492031	LW30-32	LW30-32	32	3	1 / 32
492033	LW30-40	LW30-40	40	3	1 / 32
492034	LW30-63	LW30-63	63	3	1 / 32

* Note: Possibility for access control

LW30-20-100A
ON/OFF switch 3 poles

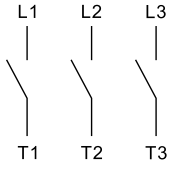




Catalogue number	Type	Scheme	IP code:	In (A)	Levels	Packing / Box (pcs)
492032	LW30-32	LW30-32	IP54	32	3	1 / 30

* Note: Possibility for access control

LW30-20-100A
ON/OFF switch 3 poles



5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

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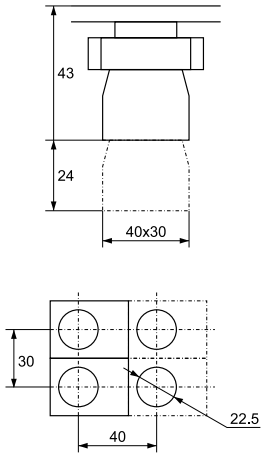
BUTTONS AND LED INDICATORS

Documents corresponding to the product:
Standard: EN 60947-1;
EN 60947-5-1



Overall dimensions
Diagram for drill the openings

These are devices used in control and indication systems, command boards and panels in industrial automation systems. They are manufactured to commutate controlling circuits and to control the switching on or off executive mechanisms such as relays, contactors, etc. The signal lamps and indicators find broad application in all industrial fields. The devices endure short time current overload up to 10A, and normally they can commutate thermal current up to 6A in their contact system. The connection to the contact terminals is through screw terminals to which operational conductors with section up to 2.5mm² can be joined.

TECHNICAL DATA
- Insulation voltage: 660V; 50/60Hz
- Impulse voltage wear resistance: 6000V;
- Rated current: 6A (230V AC); 0.3A (230V DC)
- Short circuit protection: safety device 10A gG outside in the circuit
- Mechanical wear resistance: 1x106 commutation cycles
- Power of mechanical compression:
  - at closing: 20N
  - at opening: 8N
- Operating temperature: -20 - +65°C
- Humidity: 35 – 85%RH
- Tightening moment of the joining conductors: 0.15Nm
- Section of the conductor: 1x0.5; 1x0.75; 1x1; 1x1.5; 1x2.5mm²

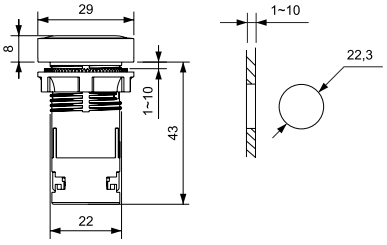
MOUNTING
- to a flat metal or plastic surface with thickness: max 4mm
- opening with size: Ø 22.5mm5mm

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

BUTTON ROUND WITH SPRING REVERSE



Catalogue number	Type	Type of contacts	Rated current (A) at 400V	Colour	Packing / Box (pcs)
401025	EL-EA25	NO+NC	6	Black	10/500
401030	EL-EA31	NO	6	Green	10/500
401040	EL-EA42	NC	6	Red	10/500



BUTTON ROUND WITH SPRING REVERSE AND SILICON LID- IP44



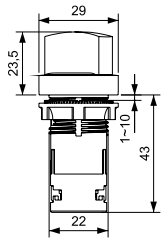
Catalogue number	Type	Type of contacts	Rated current (A) at 400V	Colour	Packing / Box (pcs)
401026	EL-EA25	NO+NC	6	Black	10/500
401033	EL-EA31	NO	6	Green	10/500
401041	EL-EA42	NC	6	Red	10/500

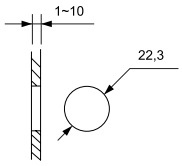
Scan each QR code to see product price and availability.



SWITCH WITH ARREST

Catalogue number	Type	Type of contacts	Rated current (A) at 400V	Colour	Packing / Box (pcs)
401425	EL-ED25	NO+NC	6	Black	10/500







ECONOMIC TWO POSITION SWITCH WITH ARREST AND PLASTIC BASE

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

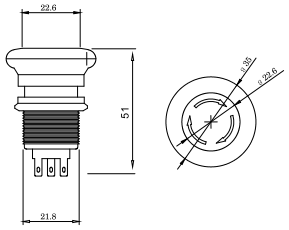
Catalogue number	Type	Type of contacts	Rated current (A) at 400V	Colour	Packing / Box (pcs)
401425E	EL-ED25	NO+NC	6	Black	10/500



BUTTON WITH HEAD "MUSHROOM" TYPE

Catalogue number	Type	Type of contacts	Rated current (A) at 230V	Colour	Diameter (mm)	Packing/ Box (pcs)
401546	EL-2211T	1NO+1NC	5	Red	22	20/800

Material: Stainless steel | Chromium plated brass | IP65
** Note: release with spinning*



5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

TESTED IN **ELMARK** FACTORY BULGARIA

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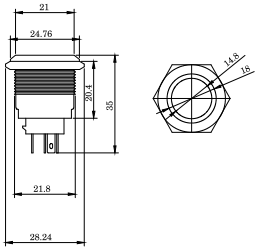
The Brand of Electricity



ROUND BUTTONS WITH LED INDICATOR- LATCHING

Catalogue number	Type	Type of contacts	Rated current (A) at 230V	Colour	Diameter (mm)	Packing/ Box (pcs)
401547	EL-2211DZR	1NO+1NC	5	Red	22	20/800
401548	EL-2211DZG	1NO+1NC	5	Green	22	20/800

Material: Stainless steel | Chromium plated brass | IP65

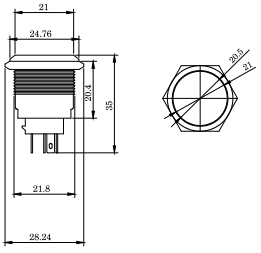




ROUND MOMENTARY BUTTON

Catalogue number	Type	Type of contacts	Rated current (A) at 230V	Diameter (mm)	Packing/Box (pcs)
401549	EL-2211F	1NO+1NC	5	22	20/800

Material: Stainless steel | Chromium plated brass | IP65

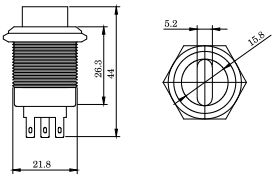




TWO POSITION SWITCH WITH ARREST

Catalogue number	Type	Type of contacts	Rated current (A) at 230V	Colour	Diameter (mm)	Packing/ Box (pcs)
401550	EL-22X2	1NO+1NC	5	Red	22	20/800

Material: Stainless steel | Chromium plated brass | IP65
** Note: release with spinning*

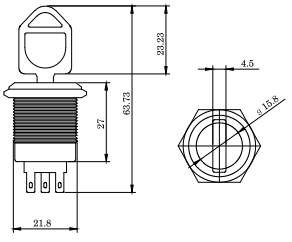




TWO POSITION KEY SWITCHES WITH ARREST

Catalogue number	Type	Type of contacts	Rated current (A) at 230V	Colour	Diameter (mm)	Packing / Box (pcs)
401551	EL-22Y2	1NO+1NC	5	Red	22	20/800
401552	EL-22Y3	2NO+2NC	5	Green	22	20/800

Material: Stainless steel | Chromium plated brass | IP65



5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA

LED INDICATOR LIGHTS 5MM, 12-24V AC/DC



TECHNICAL DATA

- Rated voltage: 12-24V AC/DC
- Diode diameter: 5mm
- Housing diameter: 12mm
- Mounting hole diameter: 10mm
- Max. thickness of mounting plate: 8mm
- Cable wire 2 x 0,5mm2 for singe colour and 3 x 0,5mm2 for green/red
- Power consumption: 1W
- Max. current draw: 20mA
- IP degree: IP20

Catalogue number	Rated voltage	Colour	Brightness (mcd)	Mounting hole diameter (mm)	Packing / Box (pcs)
84405005	12 - 24V AC/DC	Green	20 - 60	10	1/10
84405001	12 - 24V AC/DC	Red	1000 - 1500	10	1/10
84405015	12 - 24V AC/DC	Green / Red	20 / 1000	10	1/10
84405006	12 - 24V AC/DC	White	2000 - 3000	10	1/10

LED INDICATOR LIGHTS 5MM, 230V AC



TECHNICAL DATA

- Rated voltage: 230V AC
- Diode diameter: 5mm
- Housing diameter: 12mm
- Mounting hole diameter: 10mm
- Max. thickness of mounting plate: 8mm
- Cable wire 2 x 0,5mm2 for singe colour and 3 x 0,5mm2 for green/red
- Power consumption: 1W
- Max. current draw: 20mA
- IP degree: IP20

Catalogue number	Rated voltage	Colour	Brightness (mcd)	Mounting hole diameter (mm)	Packing / Box (pcs)
84505005	230V AC	Green	20 - 60	10	1/10
84505001	230V AC	Red	1000 - 1500	10	1/10
84505015	230V AC	Green / Red	20 / 1000	10	1/10
84505006	230V AC	White	2000 - 3000	10	1/10

3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA

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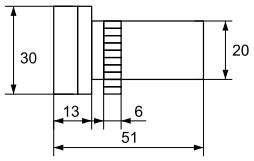
LED INDICATORS



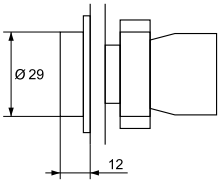


Catalogue number	Type	Voltage (V)	Colour	Packing / Box (pcs)
401123	AD56-22-W-230	230V AC	White	10 / 500
401111	AD56-22-W-110	110V AC	White	10 / 500
401124	AD56-22-W-24	24V AC/DC	White	10 / 500
401211	AD56-22-A-110	110V AC	Amber	10 / 500
401224	AD56-22-A-24	24V AC/DC	Amber	10 / 500
401223	AD56-22-A-230	230V AC	Amber	10 / 500
401323	AD56-22-PG-230	230V AC	Green	10 / 500
401311	AD56-22-PG-110	110V AC	Green	10 / 500
401324	AD56-22-PG-24	24V AC/DC	Green	10 / 500
401523	AD56-22-B-230	230V AC	Blue	10 / 500
401511	AD56-22-B-110	110V AC	Blue	10 / 500
401524	AD56-22-B-24	24V AC/DC	Blue	10 / 500
401723	AD56-22-Y-230	230V AC	Yellow	10 / 500
401711	AD56-22-Y-110	110V AC	Yellow	10 / 500
401724	AD56-22-Y-24	24V AC/DC	Yellow	10 / 500
401423	AD56-22-R-230	230V AC	Red	10 / 500
401411	AD56-22-R-110	110V AC	Red	10 / 500
401424	AD56-22-R-24	24V AC/DC	Red	10 / 500

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

ROUND BUTTONS WITH SPRING REVERSE





Catalogue number	Type	Type of contacts	Rated current (A) at 400V	Colour	Packing / Box (pcs)
401021	EL 2- BA 21	NO	6	Black	20 / 300
401031	EL 2- BA 31	NO	6	Green	20 / 300
401051	EL 2- BA 51	NO	6	Yellow	20 / 300
401061	EL 2- BA 61	NO	6	Blue	20 / 300
401042	EL 2- BA 42	NC	6	Red	20 / 300

ECONOMIC ROUND BUTTONS WITH SPRING REVERSE AND PLASTIC BASE

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended



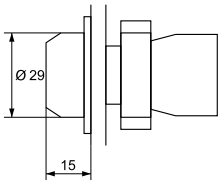
Catalogue number	Type	Type of contacts	Rated current (A) at 400V	Colour	Packing / Box (pcs)
401021E	EL 2- BA 21 ECONOMIC	NO	6	Black	20 / 300
401031E	EL 2- BA 31 ECONOMIC	NO	6	Green	20 / 300
401042E	EL 2- BA 42 ECONOMIC	NC	6	Red	20 / 300

Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA

ROUND BUTTONS SWITH SPRING REVERSE





Catalogue number	Type	Type of contacts	Rated current (A) at 400V	Colour	Packing / Box (pcs)
401032	EL 2- BP 31	NO	6	Green	20 / 300
401043	EL 2- BP 42	NC	6	Red	20 / 300

**Note: IP65 - Provided from silicon lid*

ECONOMIC ROUND BUTTONS SWITH SPRING REVERSE AND PLASTIC BASE

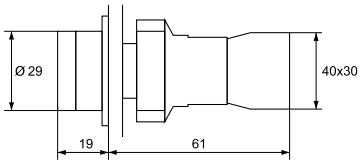
3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended



Catalogue number	Type	Type of contacts	Rated current (A) at 400V	Colour	Packing / Box (pcs)
401032E	EL 2- BP 31 ECONOMIC	NO	6	Green	20 / 300

ROUND BUTTONS WITH SPRING REVERSE AND LED INDICATOR





Catalogue number	Type	Voltage (V)	Rated current (A) at 400V	Colour	Packing / Box (pcs)
401474	EL 2- BW3471	24V	6	Red	20 / 200
401374	EL 2- BW3371	24V	6	Green	20 / 200
401574	EL 2- BW3571	24V	6	Yellow	20 / 200
401674	EL 2- BW3671	24V	6	Blue	20 / 200
401473	EL 2- BW3471	110V	6	Red	20 / 200
401373	EL 2- BW3371	110V	6	Green	20 / 200
401573	EL 2- BW3571	110V	6	Yellow	20 / 200
401673	EL 2- BW3671	110V	6	Blue	20 / 200
401471	EL 2- BW3471	230V	6	Red	20 / 200
401371	EL 2- BW3371	230V	6	Green	20 / 200
401571	EL 2- BW3571	230V	6	Yellow	20 / 200
401671	EL 2- BW3671	230V	6	Blue	20 / 200

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA

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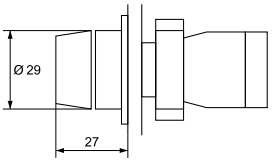
SWITCHES WITH ARREST



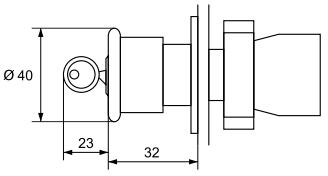
Catalogue number	Type	Type of contacts	Rated current (A) at 400V	Colour	Note	Packing / Box (pcs)
401421	EL 2- BD 21	1NO	6	Black	Two-positions	20 / 200
401433	EL 2- BD 33	2NO	6	Black	Three-positions	20 / 200



BUTTONS WITH HEAD "MUSHROOM" TYPE AND WITH KEY



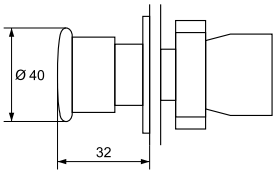
Catalogue number	Type	Type of contacts	Rated current (A) at 400V	Colour	Note	Packing / Box (pcs)
401142	EL2-BS 142	NC	6	Red	Release with spinning	15/150



BUTTONS WITH HEAD "MUSHROOM" TYPE



Catalogue number	Type	Type of contacts	Rated current (A) at 400V	Colour	Note	Packing / Box (pcs)
401642	EL 2- BC 42	1NC	6	Red	Spring reverse	15 / 150



BUTTON WITH HEAD "MUSHROOM" TYPE



Catalogue number	Type	Type of contacts	Rated current (A) at 400V	Colour	Packing/Box (pcs)
401545	EL 2- BS 545	1NC + 1NO	6	Red	15 /150

**Note: release with spinning*

5 YEARS TOTAL WARRANTY
+ 3 standard
2 extended

Scan each QR code to see product price and availability.

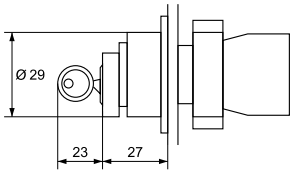
TESTED IN **ELMARK** FACTORY BULGARIA

CHANGE-OVER SWITCH WITH KEY



Catalogue number	Type	Type of contacts	Rated current (A) at 400V	Packing/Box (pcs)
401121	EL 2- BG 21	1NO	6	20/200

**Note: two-position with switch*

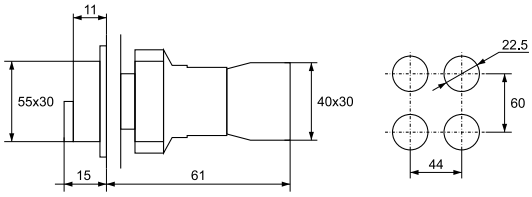


DOUBLE BUTTONS



Catalogue number	Type	Type of contacts	Rated current (A) at 400V	Voltage (V)	Packing/ Box (pcs)
401844	EL 2- BW8475	1NO+1NC	6	24 AC	20/200
401845	EL 2-BW8475	1NO+1NC	6	230 AC	20/200

**Note: Green and red button + LED indicator*



AUXILIARY CONTACTS



Catalogue number	Type	Type of contacts	Colour	Packing/ Box (pcs)
401001	EL02 - BE101	1 NO	Green	100/1000
401002	EL02 - BE102	1 NC	Red	100/1000

GLIM INDICATOR LAMP



Catalogue number	Type	Voltage (V)	Dimensions (mm)	Base diameter (mm)	Packing / Box (pcs)
M030015	**EL-1035**	**220 VAC**	**10x30**	**10**	**1**

- Shape and color of the indicator - oval, red
- Case colour: red
- Conductor length: 20mm

*Warranty: 2 years

5 YEARS TOTAL WARRANTY
3 standard + 2 extended

Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA

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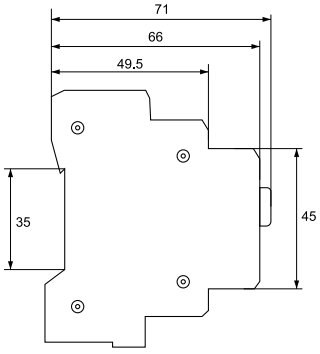
DIN-RAIL BUTTONS AND LED INDICATORS

Documents corresponding to the product:
Standard EN 60947-1
EN 60 947-5-1 t



These are devices used in control and indication systems adjusted for mounting in command boards and panels directly on DIN-rail. They are manufactured to commutate controlling circuits and to control the switching on or off executive mechanisms such as relays, contactors, etc. The signal lamps and indicators find broad application in all industrial fields. The devices endure short time current overload up to 20A, and normally they can commutate current up to 10A with their contact system. The connection to the contact terminals is through screw terminals to which operational conductors with section up to 2.5mm² can be joined. There are also designed buttons combined with lamps.

TECHNICAL DATA

- Insulation voltage: 660V; 50/60Hz
- Impulse voltage wear resistance: 6000V;
- Rated current: up to 10A (230V AC)
- Short circuit protection: safety device 10A gG outside in the circuit
- Rated consumed current (for indicators and buttons combined with indicators): <20mA
- Wear resistance (indicators): >2000h
- Mechanical wear resistance (buttons): 1x106 commutation cycles
- Power of mechanical compression:
  - At closing: 20N
  - At opening: 8N
- Operating temperature: -20 - +65°C
- Humidity: 35 – 85%RH
- Tightening moment of the joining conductors: 0.15Nm
- Section of the conductor: 1x0.5; 1x0.75; 1x1; 1x1.5; 1x2.5mm²
- Plastic: UV rays wear resistance conductors: 0.15Nm
- Section of the conductor: 1x0.5; 1x0.75; 1x1; 1x1.5; 1x2.5mm²

MOUNTING

- To a DIN-rail
- Altitude: up to 2000m

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended



Catalogue number	Type	Description	Voltage (V)	Rated current (A) at 400V	Colour	Packing/ Box (pcs)
401559	ELD-RG-DIN	Lamp	230V	<20	Red/Green	12/240



Catalogue number	Type	Description	Voltage (V)	Rated current (A) at 400V	Colour	Packing/ Box (pcs)
401560	ELD-RGB-DIN	Lamp	230V	<20	Red/Green/ Blue	12/240

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended



Catalogue number	Type	Description	Voltage (V)	Rated current (A) at 400V	Colour	Packing/ Box (pcs)
401560E	ELD-RGB-DIN ECONOMIC	Lamp	230V	<20	Red/Green/ Blue	12/240

Scan each QR code to see product price and availability.



Catalogue number	Type	Description	Voltage (V)	Rated current (A) at 400V	Colour	Packing/ Box (pcs)
401500	ELD - G - DIN	Lamp	230V	<20	Green	12/240
401501	ELD - R - DIN	Lamp	230V	<20	Red	12/240
401502	ELD - Y - DIN	Lamp	230V	<20	Yellow	12/240
401503	ELD - B - DIN	Lamp	230V	<20	Blue	12/240
401504	ELD -W - DIN	Lamp	230V	<20	White	12/240

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended



Catalogue number	Type	Description	Voltage (V)	Rated current (A) at 400V	Colour	Packing/ Box (pcs)
401500E	ELD - G - DIN ECONOMIC	Lamp	230V	<20	Green	12/240
401501E	ELD - R - DIN ECONOMIC	Lamp	230V	<20	Red	12/240

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 3 standard
2 extended

ELMARK
The Brand of Electricity

BUTTONS AND SWITCHES WITH BOX



EMPTY ENCLOSURES FOR ONE, TWO AND THREE BUTTONS, IP65

TECHNICAL DATA
- Material: Non flame ABS
- Hole diameter: 22mm
- IP degree: IP65
- Threaded cable entry with membrane conduit knock: PG 13,5
- Ambient temperature: from -40°C to + 100°C

Catalogue number	Type	Hole QTY	IP code	Overall dimensions (mm)			Packing/ Box (pcs)
				L	H	W	
401103	EL- B1W	1	IP65	73	73	60	1/100
401104	EL- B2W	2	IP65	111	73	60	1/100
401105	EL- B3W	3	IP65	151	73	60	1/100



SWITCHING ON 0-1

Catalogue number	Type	IP code	Overall dimensions (mm)			Type of the contact	Colour	Packing/ Box (pcs)
			L	H	W			
401134	EL1-B134	IP44	68	68	50	1 NO	Black	1/100



1 BUTTON WITH SPRING RETURN

Catalogue number	Type	IP code	Overall dimensions (mm)			Type of the contact	Colour	Packing/ Box (pcs)
			L	H	W			
401102	EL1-B102	IP44	68	68	50	1 NO	Green	1/100
401132	EL1-BP102	IP65	68	68	50	1 NO	Green	1/100

Scan each QR code to see product price and availability.



2 BUTTONS WITH SPRING RETURN

Catalogue number	Type	IP code	Overall dimensions (mm)			Type of the contact	Colour	Packing/ Box (pcs)
			L	H	W			
401213	EL1-B213	IP44	104	68	50	1 NC 1 NO	1 - Red 1 - Green	1/100
401233	EL1-BP213	IP65	104	68	50	1 NC 1 NO	1 - Red 1 - Green	1/100



3 BUTTONS WITH SPRING RETURN

Catalogue number	Type	IP code:	Overall dimensions (mm)			Type of the contact	Colour	Packing/ Box (pcs)
			L	H	W			
401339	EL1-B339	IP44	134	68	50	1 NO 1 NC 1 NO	1 - Green 1 - Red 1 - Green	1/50
401349	EL1-BP339	IP65	134	68	50	1 NO 1 NC 1 NO	1 - Green 1 - Red 1 - Green	1/50



EMERGENCY BUTTON WITH HEAD "MUSHROOM" TYPE Ø40

Catalogue number	Type	IP code:	Overall dimensions (mm)			Type of the contact	Colour	Packing / Box (pcs)
			L	H	W			
401174	EL1-B174	IP44	68	68	50	1 NC	Red	1 / 100

- Release through turning

5 YEARS TOTAL WARRANTY
+ 3 standard
2 extended

TESTED IN **ELMARK** FACTORY BULGARIA

ELMARK
The Brand of Electricity

SWITCH DISCONNECTOR SERIES 66, BLACK IP65



MAIN TECHNICAL FEATURES:
- Material: Shock resistant halogen free technopolymer on ABS base
- Knob padlock (3 padlocks)
- Turning angle 90°
- Operated voltage: 690V
- Mechanical durability: 100 000 times
- Resistance to abnormal heat 650°C
- Standard: EC 947-3; EN 60947-3; UL 508
- Body colour: Grey RAL 7035
- Knockouts for conduit entry: 16A: 2x ø20/25mm; 63-100A: 2x ø25/32

HALOGEN FREE

PRODUCED FOR **ELMARK** IN ITALY

Catalogue number	Number of poles	In (A)	Dimensions (mm)			Packing/ Box (pcs)
			W	H	D	
EC660162M	2	16	155	115	105	1/24
EC660632M	2	63	205	155	125	1/10
EC660163M	3	16	155	115	105	1/24
EC660633M	3	63	205	155	125	1/10
EC661003M	3	100	205	155	125	1/10
EC660164M	4	16	155	115	105	1/10
EC660634M	4	63	205	155	125	1/10
EC661004M	4	100	205	155	125	1/10





MAIN TECHNICAL FEATURES:
- Material: Shock resistant halogen free technopolymer on ABS base
- Knob padlock (3 padlocks)
- Turning angle 90°
- Operated voltage: 690V
- Mechanical durability: 100 000 times
- Resistance to abnormal heat 650°C
- Standard: EC 947-3; EN 60947-3; UL 508
- Body colour: Grey RAL 7035
- Knockouts for conduit entry: 16A: 2x ø20/25mm; 63-100A: 2x ø25/32

HALOGEN FREE

PRODUCED FOR **ELMARK** IN ITALY

Catalogue number	Number of poles	In (A)	Dimensions (mm)			Packing/ Box (pcs)
			W	H	D	
EC660162E	2	16	155	115	105	1/24
EC660632E	2	63	205	155	125	1/10
EC660163E	3	16	155	115	105	1/24
EC660633E	3	63	205	155	125	1/10
EC661003E	3	100	205	155	125	1/10
EC660164E	4	16	155	115	105	1/10
EC660634E	4	63	205	155	125	1/10
EC661004E	4	100	205	155	125	1/10



5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

DEVICES FOR TELPHER CONTROL MBP TYPE

They represent different combinations of START and STOP buttons mounted in plastic boxes in different sizes. They are connected to the operating circuits of cranes or telphers and serve as a remote control of their movement. They are connected directly to the operating cable of the telpher and send commands directly to the executive mechanisms. They are designed to provide protection from dust and moisture IP65.

TECHNICAL DATA

- Supplying voltage: 230V; 50/60Hz
- Electrical wear resistance: 1x105 cycles
- Operating temperature: -10 +65°C
- Humidity: 35 – 85% RH
- Number of contacts: according to the number of the buttons
- Commuting capacity: up to 6A
- Plastic: UV rays wear resistance
- IP code: IP65
- Weight: according to the number of the contacts

MOUNTING

- directly to the control cable of the telpher (crane)

MBP-Axxxx
- stop button type
- button type: one-speed (x81) or two-speed (x91)
- number of buttons










Catalogue number	Type	Number of buttons	Contact block and scheme		Packing / Box (pcs)
			Emergency	For the directions	
46281	MBP-A281	2	-	NO+NC	1/20
46291	MBP-A291 two speed	2	-	NO+NC	1/20
46283	MBP-A2813	2+1	Emergency button	NO+NC	1/20
46283K	MBP-A2813K	2+1	Emergency button with switch	NO+NC	1/20
46294	MBP-A2913 two speed	2+1	Emergency button	NO+NC	1/20
46294K	MBP-A2913K two speed	2+1	Emergency button with switch	NO+NC	1/20
46481	MBP-A481	4	-	NO+NC	1/20
46491	MBP-A491 two speed	4	-	NO+NC	1/20
46483	MBP-A4813	4+1	Emergency button	NO+NC	1/20
46483K	MBP-A4813K	4+1	Emergency button with switch	NO+NC	1/20
46493	MBP-A4913 two speed	4+1	Emergency button	NO+NC	1/20
46493K	MBP-A4913K two speed	4+1	Emergency button with switch	NO+NC	1/20
46681	MBP-A681	6	-	NO+NC	1/20
46691	MBP-A691 two speed	6	-	NO+NC	1/20
46683	MBP-A6813	6+1	Emergency button	NO+NC	1/20
46683K	MBP-A6813K	6+1	Emergency button with switch	NO+NC	1/20
46693	MBP-A6913 two speed	6+1	Emergency button	NO+NC	1/20
46693K	MBP-A6913K two speed	6+1	Emergency button with switch	NO+NC	1/20
46881	MBP-A881	8	-	NO+NC	1/20
46891	MBP-A891 two speed	8	-	NO+NC	1/20
46883	MBP-A8813	8+1	Emergency button	NO+NC	1/20
46883K	MBP-A8813K	8+1	Emergency button with switch	NO+NC	1/20
46893	MBP-A8913 two speed	8+1	Emergency button	NO+NC	1/20
46893K	MBP-8913K two speed	8+1	Emergency button with switch	NO+NC	1/20

5 YEARS TOTAL WARRANTY
3 standard + 2 extended

Scan each QR code to see product price and availability.

TESTED IN **ELMARK** FACTORY BULGARIA

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WARNING LIGHTS

The revolving warning lights and towers are devices intended for use as status indicators in the human-machine control systems. They are suitable for installation on control cabinets and panels or directly on machines. They are manufactured in different colour combinations to attract attention of operators working in a given production sector. Warning lights and towers are widely used in almost any industrial branch. They can be mounted on movable components or such, creating potential danger and can warn all workers for a critical situation with their blinking light and siren. These devices are electrically connected through cables, protruding out of the lamp casing.

TECHNICAL DATA

- Rated voltage: 12 VAC/230VAC; 50/60 Hz;
- Isolation voltage: 660V; 50/60 Hz;
- Impulse voltage stability: 6000V
- Rated power: see the tables below
- Short circuit protection: 1A gG external fuse
- Operating Temperature: - 20°C + 65°C
- Humidity: 35 – 85% RH
- Plastic cover: UV resistant polycarbonate not considered as being harmful to human health

INSTALLATION

- Warning lights are fixed to the respective machine body with the studs protruding from the light plastic casing.







WARNING LIGHTS WITHOUT AND WITH SIREN

Catalogue number	Type	Description	Voltage (VAC)	Rated Power (W)	Colour	Packing / Box (pcs)
401525R	LTE1101 - R	Warning light	12	10	Red	1 / 30
401525G	LTE1101 - G	Warning light	12	10	Green	1 / 30
401525Y	LTE1101 - Y	Warning light	12	10	Yellow	1 / 30
401526R	LTE1101J - R	Warning light + siren	12	11	Red	1 / 30
401526G	LTE1101J - G	Warning light + siren	12	11	Green	1 / 30
401526Y	LTE1101J - Y	Warning light + siren	12	11	Yellow	1 / 30
402525R	LTE1101 - R	Warning light	230	8	Red	1 / 30
402525G	LTE1101 - G	Warning light	230	8	Green	1 / 30
402525Y	LTE1101 - Y	Warning light	230	8	Yellow	1 / 30
402526R	LTE1101J - R	Warning light + siren	230	9	Red	1 / 30
402526G	LTE1101J - G	Warning light + siren	230	9	Green	1 / 30
402526Y	LTE1101J - Y	Warning light + siren	230	9	Yellow	1 / 30
401527R	LTE1161 - R	Warning light	12	35	Red	1 / 8
401527G	LTE1161 - G	Warning light	12	35	Green	1 / 8
401527Y	LTE1161 - Y	Warning light	12	35	Yellow	1 / 8
402527R	LTE1161 - R	Warning light	230	28	Red	1 / 8
402527G	LTE1161 - G	Warning light	230	28	Green	1 / 8
402527Y	LTE1161 - Y	Warning light	230	28	Yellow	1 / 8

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

Scan each QR code to see product price and availability.

PRODUCED FOR **ELMARK** IN ITALY





WALL MOUNTING WARNING LIGHTS, IP55

MAIN TECHNICAL FEATURES:

- Material: Polycarbonate
- Ready to house ø20 mm conduits
- Lamp holder E14
- Lamp not included- max. 1x25W

Catalogue number	Tyoe	Colour	Dimensions (mm)			Packing/ Box (pcs)
			W	H	D	
EC320B	EC320	Blue	67	83	91	1/30
EC320G	EC320	Yellow	67	83	91	1/30
EC320R	EC320	Red	67	83	91	1/30
EC320T	EC320	Transparent	67	83	91	1/30
EC320V	EC320	Green	67	83	91	1/30

TESTED IN **ELMARK** FACTORY BULGARIA



WARNING LIGHTS - TOWER

Catalogue number	Type	Description	Voltage (VAC)	Rated Power (W)	Colour	Packing / Box (pcs)
401528	LTA205 - 1	Tower / flashing	12	4	1 - Red	1 / 20
401529	LTA205 - 2	Tower / flashing	12	8	2 - Red/Green	1 / 20
401530	LTA205 - 3	Tower / flashing	12	12	3 - Red/Yellow/Green	1 / 20
401531	LTA205 - 3J	Tower / flashing + siren	12	12	3 - Red/Yellow/Green	1 / 20
401532	LTA205 - 5	Tower / flashing	12	18	5 - Red/Yellow/Green/ Blue/Transparent	1 / 20
402528	LTA205 - 1	Tower / flashing	230	6	1 - Red	1 / 20
402529	LTA205 - 2	Tower / flashing	230	8	2 - Red/Green	1 / 20
402530	LTA205 - 3	Tower / flashing	230	10	3 - Red/Yellow/Green	1 / 20
402531	LTA205 - 3J	Tower / flashing + siren	230	11	3 - Red/Yellow/Green	1 / 20
402532	LTA205 - 5	Tower / flashing	230	14	5 - Red/Yellow/Green/ Blue/Transparent	1 / 20

3 YEARS TOTAL WARRANTY
3 standard + 0 extended

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended



METAL/PLASTIC SIREN

Catalogue number	Type	Voltage (V)	Rated Power (W)	Sound level (dB)	Material	Packing/ Box (pcs)
401533	MS-290A	230	60	100	Metal	1/24
401541	MS-290B	230	60	100	Plastic	1/24



SIREN

Catalogue number	Type	Voltage (V)	Rated Power (W)	Sound level (dB)	Packing / Box (pcs)
401534	MS-390	230	160	120	1 / 10



ALARM BELLS

Catalogue number	Type	Voltage (V)	Sound level (dB)	Packing / Box (pcs)
401535	CB-4	12	85	1 / 50
401536	CB-4	24	85	1 / 50
401537	CB-4	110	85	1 / 50
401538	CB-4	230	85	1 / 50



FIRE ALARM

Catalogue number	Type	Voltage (V)	Sound level (dB)	Packing / Box (pcs)
401540	FA-01	230	120	1 / 100

Scan each QR code to see product price and availability.

INSTALLATION

- INDUSTRIAL PLUGS AND SOCKETS
- INDUSTRIAL BOARDS
- MODULAR DISTRIBUTION ENCLOSURES
- DISTRIBUTION BOARDS
- CABLE INSULATION SYSTEMS
- CABLE TRUNKING
- INSULATING CONDUITS & CABLE SUPPORT SYSTEMS
- LIGHTING PROTECTION
- DISTRIBUTION BOXES
- CABLE TERMINALS & CABLE ACCESSORIES
- EX-PROOF INSTALLATION SYSTEMS
- REELS, MULTI-PLUGS & ACCESSORIES
- CABLES



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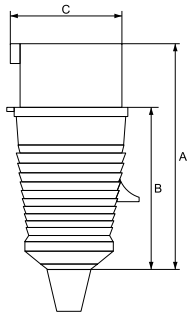
INDUSTRIAL PLUGS HT/HTN TYPE

Documents corresponding to the product:
Standard EN 60309-1; EN 60309-2



Made of special high quality plastic with alloys against aging at sun light exposing and for increasing the mechanical strength. They are designed in accordance with standard EN 60309 and provide reliable connection
and high protection level against electrical current. They provide IP protection not less than IP 44/67. They are
designed for surface or flush mounting, movable or fixed type.

TECHNICAL DATA

- Rated voltage: 500V
- Rated short circuit current: according to the mounted protection in the boards
- Impulse voltage wear resistance: 8kV
- Mechanical wear resistance: 3000 cycles
- IP code: IP 44/67
- Plastic: UV rays wear resistance
- Ambient temperature: -5 to +65°C
- Altitude: up to 2000m
- Plugs and sockets: 6h



Catalogue number	Model	In (A)	Poles	Un (V)	Dimensions (mm)			IP code	Packing/ Box
					A	B	C		
37013	HT-013	16	1P+N+E	230	121	84	53	44	2/10/100
37023	HT-023	32	1P+N+E	230	138	92	63	44	2/10/60



Catalogue number	Model	In (A)	Poles	Un (V)	Dimensions (mm)			IP code	Packing/ Box
					A	B	C		
37014	HT-014	16	3P+E	400	121	84	51	44	2/10/100
37024	HT-024	32	3P+E	400	138	92	63	44	2/10/60
37034	HT-034	63	3P+E	400	230	109	36	44	2/10
37044	HT-044	125	3P+E	400	295	124	50	44	2/10



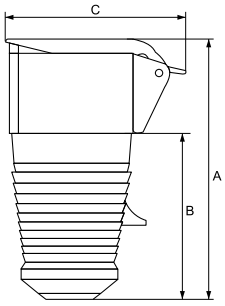
Catalogue number	Model	In (A)	Poles	Un (V)	Dimensions (mm)			IP code	Packing/ Box
					A	B	C		
37015	HT-015	16	3P+N+E	400	129	92	62	44	2/10/60
37025	HT-025	32	3P+N+E	400	149	97	70	44	2/10/60
37035	HT-035	63	3P+N+E	400	230	109	36	44	2/10
37045	HT-045	125	3P+N+E	400	295	124	50	44	2/10

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

MOVABLE INDUSTRIAL SOCKETS HT TYPE IP44

5 YEARS TOTAL WARRANTY
5 standard
0 extended





Catalogue number	Model	In (A)	Poles	Un (V)	Dimensions (mm)		IP code	Packing/ Box
					A	C		
37213	HT-213	16	1P+N+E	230	130	96	44	2/10/100
37223	HT-223	32	1P+N+E	230	149	90	44	2/10/60



Catalogue number	Model	In (A)	Poles	Un (V)	Dimensions (mm)		IP code	Packing/ Box
					A	C		
37214	HT-214	16	3P+E	400	131	96	44	2/10/100
37224	HT-224	32	3P+E	400	149	90	44	2/10/60
37234	HT-234	63	3P+E	400	230	109	44	2/10
37244	HT-244	125	3P+E	400	290	124	44	2/10



Catalogue number	Model	In (A)	Poles	Un (V)	Dimensions (mm)		IP code	Packing/ Box
					A	C		
37215	HT-215	16	3P+N+E	400	139	90	44	2 / 10 / 60
37225	HT-225	32	3P+N+E	400	154	100	44	2 / 10 / 60
37235	HT-235	63	3P+N+E	400	230	100	44	2 / 10
37245	HT-245	125	3P+N+E	400	290	124	44	2 / 10

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

ELMARK
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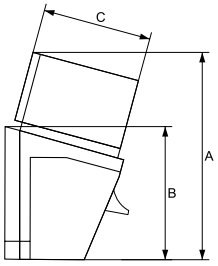
FIXED INDUSTRIAL PLUGS HT TYPE IP44





Catalogue number	Model	In (A)	Poles	Un (V)	Dimensions (mm) A	Dimensions (mm) C	IP code	Packing/ Box
37513	HT-513	16	1P+N+E	230	121	79	44	2/10/60
37523	HT-523	32	1P+N+E	230	131	83	44	2/10/60



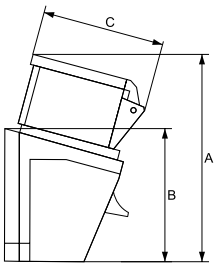
Catalogue number	Model	In (A)	Poles	Un (V)	Dimensions (mm) A	Dimensions (mm) C	IP code	Packing/ Box
37514	HT 514	16	3P+E	400	121	76	44	2/10/60
37524	HT 524	32	3P+E	400	131	83	44	2/10/60



Catalogue number	Model	In (A)	Poles	Un (V)	Dimensions (mm) A	Dimensions (mm) C	IP code	Packing/ Box
37515	HT 515	16	3P+N+E	400	123	79	44	2/10/60
37525	HT 525	32	3P+N+E	400	132	84	44	2/10/60

Scan each QR code to see product price and availability.

FIXED INDUSTRIAL SOCKETS HT TYPE IP44





Catalogue number	Model	In (A)	Poles	Un (V)	Dimensions (mm)		IP code	Packing/ Box
					A	C		
37113	HT-113	16	1P+N+E	230	126	86	44	2/10/60
37123	HT-123	32	1P+N+E	230	141	97	44	2/10/60



Catalogue number	Model	In (A)	Poles	Un (V)	Dimensions (mm)		IP code	Packing/ Box
					A	C		
37114	HT-114	16	3P+E	400	132	91	44	2/10/60
37124	HT-124	32	3P+E	400	141	96	44	2/10/60
37134	HT-134	63	3P+E	400	193	122	44	2/10
37144	HT-144	125	3P+E	400	220	140	44	2/10

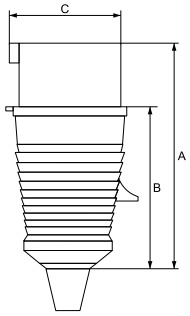


Catalogue number	Model	In (A)	Poles	Un (V)	Dimensions (mm)		IP code	Packing/ Box
					A	C		
37115	HT-115	16	3P+N+E	400	129	96	44	2/10/60
37125	HT-125	32	3P+N+E	400	141	98	44	2/10/60
37135	HT-135	63	3P+N+E	400	193	122	44	2/10
37145	HT-145	125	3P+N+E	400	220	140	44	2/10

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
5 standard
0 extended

MOVABLE INDUSTRIAL PLUGS HTN TYPE IP67





Catalogue number	Model	In (A)	Poles	Un (V)	Dimensions (mm)			IP code	Packing/ Box
					A	B	C		
37131	HTN 0131	16	1P+N+E	230	120	71	12	67	1 / 60
37231	HTN 0231	32	1P+N+E	230	150	93	17	67	1 / 40



Catalogue number	Model	In (A)	Poles	Un (V)	Dimensions (mm)			IP code	Packing/ Box
					A	B	C		
37141	HTN 0141	16	3P+E	400	125	79	12	67	2/60
37241	HTN 0241	32	3P+E	400	150	93	17	67	2/40
37341	HTN 0341	63	3P+E	400	230	109	36	67	10
37441	HTN 0441	125	3P+E	400	230	109	36	67	10

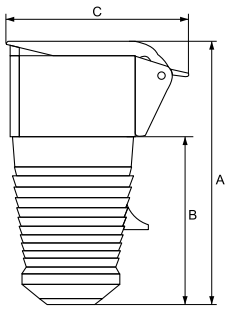


Catalogue number	Model	In (A)	Poles	Un (V)	Dimensions (mm)			IP code	Packing/ Box
					A	B	C		
37151	HTN 0151	16	3P+N+E	400	133	87	12	67	2/60
37251	HTN 0251	32	3P+N+E	400	155	99.5	17	67	2/40
37351	HTN 0351	63	3P+N+E	400	230	109	36	67	10
37451	HTN 0451	125	3P+N+E	400	295	124	50	67	10

5 YEARS TOTAL WARRANTY
5 standard
0 extended

Scan each QR code to see product price and availability.

MOVABLE INDUSTRIAL SOCKET HTN TYPE IP67





Catalogue number	Model	In (A)	Poles	Un (V)	Dimensions (mm)		IP code	Packing/ Box
					A	C		
37831	HTN 2131	16	1P+N+E	230	131	90	67	2/60
37931	HTN 2231	32	1P+N+E	230	149	90	67	2/40



Catalogue number	Model	In (A)	Poles	Un (V)	Dimensions (mm)		IP code	Packing/ Box
					A	C		
37841	HTN 2141	16	3P+E	400	131	76	67	2/60
37941	HTN 2241	32	3P+E	400	149	90	67	2/40
37942	HTN 2341	63	3P+E	400	271	115	67	10
37943	HTN 2441	125	3P+E	400	295	137	67	6

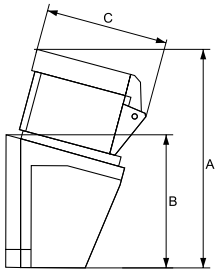


Catalogue number	Model	In (A)	Poles	Un (V)	Dimensions (mm)		IP code	Packing/ Box
					A	C		
37851	HTN 2151	16	3P+N+E	400	139	90	67	2/60
37951	HTN 2251	32	3P+N+E	400	154	100	67	2/40
37952	HTN 2351	63	3P+N+E	400	240	112	67	10
37953	HTN 2451	125	3P+N+E	400	300	126	67	6

5 YEARS TOTAL WARRANTY
5 standard
0 extended

Scan each QR code to see product price and availability.

FIXED INDUSTRIAL SOCKET HTN TYPE IP67





Catalogue number	Model	In (A)	Poles	Un (V)	Dimensions (mm)			IP code	Packing/ Box
					A	B	C		
37731	HTN 1131	16	1P+N+E	230	101	150	93.5	67	2/40
37631	HTN 1231	32	1P+N+E	230	114	162	93.5	67	2/40



Catalogue number	Model	In (A)	Poles	Un (V)	Dimensions (mm)			IP code	Packing/ Box
					A	B	C		
37741	HTN 1141	16	3P+E	400	104	150	93.5	67	2/40
37641	HTN 1241	32	3P+E	400	116	162	93.5	67	2/40
37842	HTN 1341	63	3P+E	400	171	170	230	67	1/10
37844	HTN 1441	125	3P+E	400	171	170	230	67	1/6



Catalogue number	Model	In (A)	Poles	Un (V)	Dimensions (mm)			IP code	Packing/ Box
					A	B	C		
37751	HTN 1151	16	3P+N+E	400	107	150	93.5	67	2/40
37651	HTN 1251	32	3P+N+E	400	116	162	93.5	67	2/40
37852	HTN 1351	63	3P+N+E	400	171	170	230	67	10
37854	HTN 1451	125	3P+N+E	400	171	170	230	67	6

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

INDUSTRIAL SOCKETS FOR FLUSH MOUNTING HT TYPE IP44



Catalogue number	Model	In (A)	Poles	Un (V)	Dimensions (mm)			IP code	Packing/ Box
					A	B	C		
37413	HT-413	16	1P+N+E	230	70	60	67	44	2/10/60
37423	HT-423	32	1P+N+E	230	80	95	79	44	2/10/60



Catalogue number	Model	In (A)	Poles	Un (V)	Dimensions (mm)			IP code	Packing/ Box
					A	B	C		
37414	HT-414	16	3P+E	400	75	86	75	44	2/10/60
37424	HT-424	32	3P+E	400	80	95	79	44	2/10/60



Catalogue number	Model	In (A)	Poles	Un (V)	Dimensions (mm)			IP code	Packing/ Box
					A	B	C		
37415	HT-415	16	3P+N+E	400	75	85	70	44	2/10/60
37425	HT-425	32	3P+N+E	400	98	98	83	44	2/10/60



Catalogue number	Model	In (A)	Poles	Un (V)	Dimensions (mm)			IP code	Packing/ Box
					A	B	C		
37105	HT-105SR	16	German type	230	50	63	42	44	500

GERMAN TYPE SOCKET FOR DIN RAIL MOUNTING



It provides plug presence in electric boards and easy cabling.
- Supply voltage: 230V
- Computing option: up to 16A
- Operation temperature: from -10 up to +65°C
- Humidity: up to 85%RH

Mounting method:
- DIN rail

Catalogue number	Type	Poles	Packing / Box (pcs)
37004	German type socket for DIN rail	German type	5/100

5 YEARS TOTAL WARRANTY
5 standard + 0 extended

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
5 standard
+ 0 extended

ELMARK
The Brand of Electricity

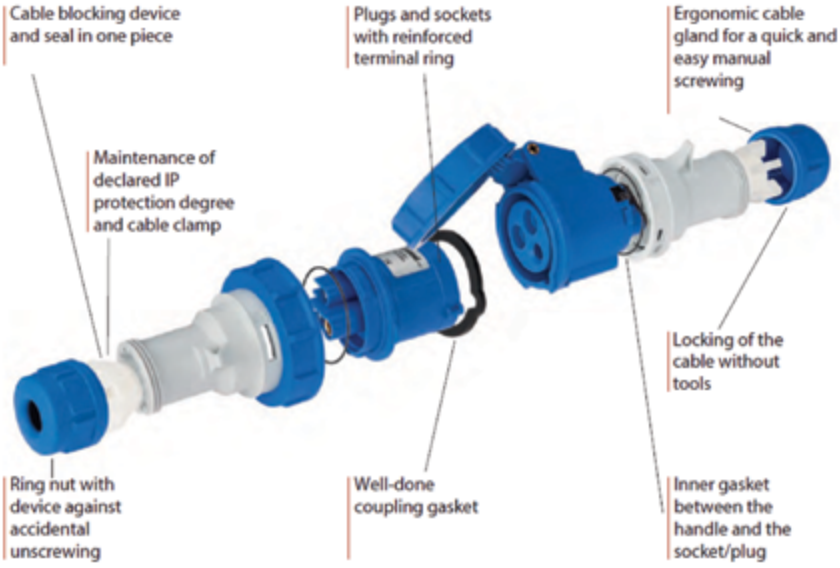
INDUSTRIAL PLUGS AND SOCKETS, EC690 SERIES

HALOGEN FREE

PRODUCED FOR ELMARK IN ITALY

MAIN TECHNICAL FEATURES

- Material: made of polyamide tecnopolymer with high resistance to UV rays for plastics parts, copper-zinc alloy with high electric capacity for contacts
- Halogen free plastic materials resistant to acidic and basic chemicals free from Cadmium and Halogens.
- Nickel-plated contacts for excellent abrasion resistance and corrosion applications in aggressive environments
- Snap-in assembly and cable retainer system without screws: saFe time.
- Open connection contacts fast wiring.
- Shock resistance: IK08 up to 5J.
- Resistance to abnormal heat: up to 650/850°C (Glow wire Test, Reference Standard IEC 60695-2-11)
- Operating temperature: minimum -25°C, maximum +40°C according EN 60309 Standard. EC690 Series plugs and sockets can operate with maximum temperature of +80°C (+100°Cfor 1 hour).









Scan each QR code to see product price and availability.

LOW VOLTAGE QUICK ASSEMBLY STRAIGHT PLUGS IP44, EC690 SERIES

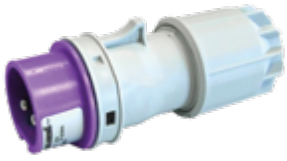
HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP44



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC69470	Violet	16A	2P	24V AC	without	IP44	10/80
EC69471	Violet	16A	3P	24V AC	without	IP44	10/80

LOW VOLTAGE QUICK ASSEMBLY STRAIGHT PLUGS IP67, EC690 SERIES

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP67



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC69472	Violet	16A	2P	24V AC	without	IP67	10/80
EC69473	Violet	16A	3P	24V AC	without	IP67	10/60

LOW VOLTAGE QUICK ASSEMBLY STRAIGHT SOCKETS IP44, EC690 SERIES

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP44



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC69480	Violet	16A	2P	24V AC	without	IP44	10/80
EC69481	Violet	16A	3P	24V AC	without	IP44	10/80

LOW VOLTAGE QUICK ASSEMBLY STRAIGHT SOCKETS IP67, EC690 SERIES

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP67



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC69482	Violet	16A	2P	24V AC	without	IP67	10/80
EC69483	Violet	16A	3P	24V AC	without	IP67	10/60

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
5 standard
0 extended

LOW VOLTAGE PANEL MOUNTING SOCKETS IP44, EC690 SERIES

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP44



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC69400	Violet	16A	2P	24V AC	without	IP44	10/80
EC69401	Violet	16A	3P	24V AC	without	IP44	10/60

LOW VOLTAGE PANEL MOUNTING SOCKETS IP67, EC690 SERIES

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP67



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC69402	Violet	16A	2P	24V AC	without	IP67	10/80
EC69403	Violet	16A	3P	24V AC	without	IP67	10/60

LOW VOLTAGE SURFACE MOUNTING SOCKETS IP44, EC690 SERIES

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP44



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC694001D	Violet	16A	2P	24V AC	without	IP44	12
EC694011D	Violet	16A	3P	24V AC	without	IP44	12

5 YEARS TOTAL WARRANTY
5 standard + 0 extended

Scan each QR code to see product price and availability.

PHASE INVERTER PLUGS IP44, EC690 SERIES

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP44



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC69072P	Red	16A	3P+E	380V	6	IP44	10
EC69076P	Red	32A	3P+E	380V	6	IP44	10

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP44



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC69074P	Red	16A	3P+N+E	380V	6	IP44	10
EC69078P	Red	32A	3P+N+E	380V	6	IP44	10

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP67



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC69073P	Red	16A	3P+E	380V	6	IP67	10
EC69077P	Red	32A	3P+E	380V	6	IP67	10

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP67



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC69075P	Red	16A	3P+N+E	380V	6	IP67	10
EC69079P	Red	32A	3P+N+E	380V	6	IP67	10



5 YEARS TOTAL WARRANTY
5 standard
0 extended

Scan each QR code to see product price and availability.

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QUICK ASSEMBLY STRAIGHT PLUGS IP44, EC690 SERIES

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP44



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC69070	Blue	16A	1P+N+E	200-250V	6	IP44	10/80
EC69272	Blue	32A	1P+N+E	200-250V	6	IP44	10/80

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP44



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC69072	Red	16A	3P+E	380-415V	6	IP44	10/80
EC69076	Red	32A	3P+E	380-415V	6	IP44	10/80

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP44



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC69074	Red	16A	3P+N+E	346-415V	6	IP44	10/80
EC69078	Red	32A	3P+N+E	346-415V	6	IP44	10/80

5 YEARS TOTAL WARRANTY
5 standard + 0 extended

Scan each QR code to see product price and availability.

QUICK ASSEMBLY STRAIGHT PLUGS IP67, EC690 SERIES

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP67



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC69071	Blue	16A	1P+N+E	200-250V	6	IP67	10/80
EC69276	Blue	32A	1P+N+E	200-250V	6	IP67	10/40
EC69278	Blue	63A	1P+N+E	200-250V	6	IP67	2/16
EC69671	Blue	125A	1P+N+E	200-250V	6	IP67	2/8

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Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC69073	Red	16A	3P+E	380-415V	6	IP67	10/60
EC69077	Red	32A	3P+E	380-415V	6	IP67	10/40
EC69370	Red	63A	3P+E	380-415V	6	IP67	2/16
EC69673	Red	125A	3P+E	380-415V	6	IP67	2/8

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP67



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC69075	Red	16A	3P+N+E	346-415V	6	IP67	10/60
EC69079	Red	32A	3P+N+E	346-415V	6	IP67	10/40
EC69371	Red	63A	3P+N+E	346-415V	6	IP67	2/16
EC69675	Red	125A	3P+N+E	346-415V	6	IP67	2/8

5 YEARS TOTAL WARRANTY
5 standard
0 extended

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

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QUICK ASSEMBLY STRAIGHT SOCKETS IP44, EC690 SERIES

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP44



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC69080	Blue	16A	1P+N+E	200-250V	6	IP44	10/80
EC69282	Blue	32A	1P+N+E	200-250V	6	IP44	10/80

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP44



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC69082	Red	16A	3P+E	380-415V	6	IP44	10/80
EC69086	Red	32A	3P+E	380-415V	6	IP44	10/60

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP44



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC69084	Red	16A	3P+N+E	346-415V	6	IP44	10/80
EC69088	Red	32A	3P+N+E	346-415V	6	IP44	10/40

Scan each QR code to see product price and availability.

QUICK ASSEMBLY STRAIGHT SOCKETS IP67, EC690 SERIES

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP67



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC69081	Blue	16A	1P+N+E	200-250V	6	IP67	10/80
EC69286	Blue	32A	1P+N+E	200-250V	6	IP67	10/60
EC69288	Blue	63A	1P+N+E	200-250V	6	IP67	2/16
EC69681	Blue	125A	1P+N+E	200-250V	6	IP67	2/8

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP67



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC69083	Red	16A	3P+E	380-415V	6	IP67	10/60
EC69087	Red	32A	3P+E	380-415V	6	IP67	10/40
EC69380	Red	63A	3P+E	380-415V	6	IP67	2/16
EC69683	Red	125A	3P+E	380-415V	6	IP67	2/8

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP67



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC69085	Red	16A	3P+N+E	346-415V	6	IP67	10/40
EC69089	Red	32A	3P+N+E	346-415V	6	IP67	10/40
EC69381	Red	63A	3P+N+E	346-415V	6	IP67	2/16
EC69685	Red	125A	3P+N+E	346-415V	6	IP67	2/8

5 YEARS TOTAL WARRANTY
5 standard
0 extended

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

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INDUSTRIAL SOCKETS FOR FLUSH MOUNTING IP44, EC690 SERIES

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Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC69050	Blue	16A	1P+N+E	200-250V	6	IP44	10/80
EC69252	Blue	32A	1P+N+E	200-250V	6	IP44	10/60

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP44



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC69052	Red	16A	3P+E	380-415V	6	IP44	10/80
EC69060	Red	32A	3P+E	380-415V	6	IP44	10/60

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP44



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC69054	Red	16A	3P+N+E	346-415V	6	IP44	10/60
EC69061	Red	32A	3P+N+E	346-415V	6	IP44	10/60

Scan each QR code to see product price and availability.

INDUSTRIAL SOCKETS FOR FLUSH MOUNTING IP67, EC690 SERIES

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP67



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC69051	Blue	16A	1P+N+E	200-250V	6	IP67	10/80
EC69256	Blue	32A	1P+N+E	200-250V	6	IP67	10/80
EC69258	Blue	63A	1P+N+E	200-250V	6	IP67	2/16
EC69651	Blue	125A	1P+N+E	200-250V	6	IP67	2/8

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP67



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC69053	Red	16A	3P+E	380-415V	6	IP67	10/80
EC69058	Red	32A	3P+E	380-415V	6	IP67	10/40
EC69350	Red	63A	3P+E	380-415V	6	IP67	2/16
EC69653	Red	125A	3P+E	380-415V	6	IP67	2/8

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Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC69055	Red	16A	3P+N+E	346-415V	6	IP67	10/60
EC69059	Red	32A	3P+N+E	346-415V	6	IP67	10/40
EC69351	Red	63A	3P+N+E	346-415V	6	IP67	2/16
EC69655	Red	125A	3P+N+E	346-415V	6	IP67	2/8

5 YEARS TOTAL WARRANTY
5 standard + 0 extended

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

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FIXED INDUSTRIAL SOCKETS IP44, EC690 SERIES

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP44



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC690501	Blue	16A	1P+N+E	200-250V	6	IP44	12
EC692521	Blue	32A	1P+N+E	200-250V	6	IP44	12

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP44



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC690521	Red	16A	3P+E	380-415V	6	IP44	12
EC690561	Red	32A	3P+E	380-415V	6	IP44	12

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP44



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC690541	Red	16A	3P+N+E	346-415V	6	IP44	12
EC690581	Red	32A	3P+N+E	346-415V	6	IP44	12

Scan each QR code to see product price and availability.

FIXED INDUSTRIAL SOCKETS IP67, EC690 SERIES

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP67



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC690511	Blue	16A	1P+N+E	200-250V	6	IP67	12
EC692561	Blue	32A	1P+N+E	200-250V	6	IP67	12
EC692581	Blue	63A	1P+N+E	200-250V	6	IP67	12

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP67



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC690531	Red	16A	3P+E	380-415V	6	IP67	12
EC690571	Red	32A	3P+E	380-415V	6	IP67	12
EC693501	Red	63A	3P+E	380-415V	6	IP67	12

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP67



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC690551	Red	16A	3P+N+E	346-415V	6	IP67	2
EC690591	Red	32A	3P+N+E	346-415V	6	IP67	2
EC693511	Red	63A	3P+N+E	346-415V	6	IP67	2

5 YEARS TOTAL WARRANTY
5 standard
0 extended

Scan each QR code to see product price and availability.

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FIXED INDUSTRIAL SOCKETS FOR SURFACE MOUNTING IP44, EC690 SERIES

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP44



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC690501D	Blue	16A	1P+N+E	200-250V	6	IP44	12
EC692521D	Blue	32A	1P+N+E	200-250V	6	IP44	12

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP44



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC690521D	Red	16A	3P+E	380-415V	6	IP44	12
EC690561D	Red	32A	3P+E	380-415V	6	IP44	12

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP44



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC690541D	Red	16A	3P+N+E	346-415V	6	IP44	12
EC690581D	Red	32A	3P+N+E	346-415V	6	IP44	12

5 YEARS TOTAL WARRANTY
5 standard + 0 extended

Scan each QR code to see product price and availability.

FIXED INDUSTRIAL SOCKETS FOR SURFACE MOUNTING IP67, EC690 SERIES

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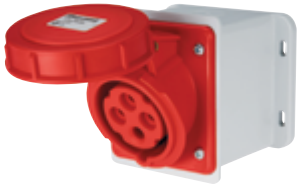
Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC690511D	Blue	16A	1P+N+E	200-250V	6	IP67	12
EC692561D	Blue	32A	1P+N+E	200-250V	6	IP67	12

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP67



Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC690531D	Red	16A	3P+E	380-415V	6	IP67	12
EC690571D	Red	32A	3P+E	380-415V	6	IP67	12

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Catalogue number	Colour	Rated current	Poles	Nominal voltage	Reference h	IP code	Packing/Box
EC690551D	Red	16A	3P+N+E	346-415V	6	IP67	12
EC690591D	Red	32A	3P+N+E	346-415V	6	IP67	12

5 YEARS TOTAL WARRANTY
5 standard
0 extended

Scan each QR code to see product price and availability.

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ADAPTOR INDUSTRIAL 16A TO SCHUKO IP20, EC690 SERIES

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Catalogue number	Colour	Plug type	Socket type	Nominal voltage	Packing/ Box
EC690510	Blue	1 x Industrial 1P+N+E / 16A	2 x Italian / 10A + 1 x Schuko / 16A	200-250V	10/80

ADAPTOR SCHUKO TO INDUSTRIAL 16A IP20, EC690 SERIES

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY



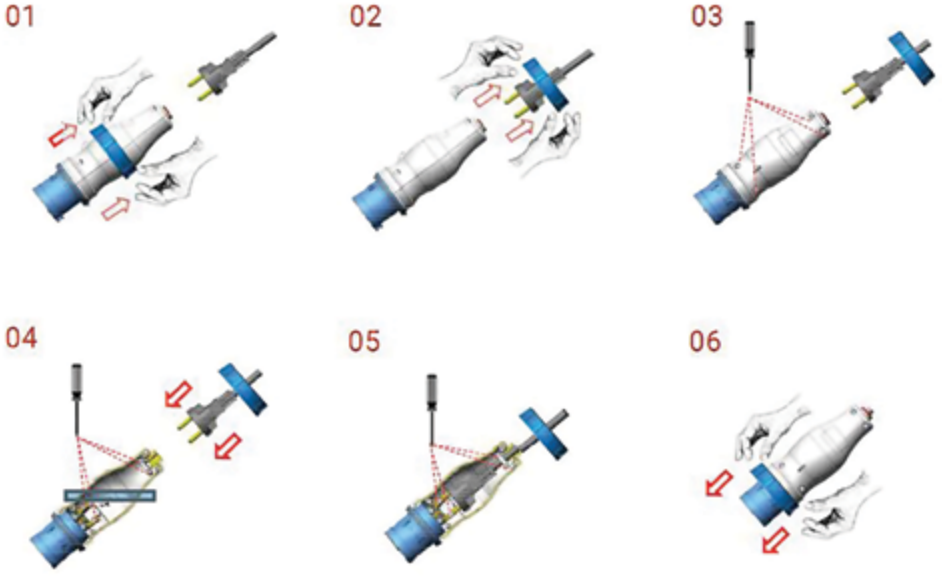
Catalogue number	Colour	Plug type	Socket type	Nominal voltage	Packing/ Box
EC690512	Blue	1P+N+E	1 x Industrial 1P+N+E / 16A	200-250V	10/80

ADAPTOR INDUSTRIAL 16A TO SCHUKO IP67, EC690 KLECT SERIES

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP67



Catalogue number	Colour	Plug type	Nominal voltage	Packing/ Box
EC690555	Blue	1P+N+E	200-250V	1/10



5 YEARS TOTAL WARRANTY
5 standard + 0 extended

Scan each QR code to see product price and availability.

TWO WAY MULTILIER AND PLUG THEE POLES IP44, EC690 SERIES

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP44



Catalogue number	Colour	Plug type	Socket type	Nominal voltage	Packing/ Box
EC690702	Blue	1x Industrial 1P+N+E / 16A	2 x Industrial 1P+N+E / 16A	200-250V	1/10

TWO WAY MULTILIER AND PLUG FOUR POLES IP44, EC690 SERIES

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP44



Catalogue number	Colour	Plug type	Socket type	Nominal voltage	Packing/ Box
EC690722	Red	1x Industrial 3P+E / 16A	2 x Industrial 3P+E / 16A	380-415V	1/5

TWO WAY MULTILIER AND PLUG THEE POLES IP67, EC690 SERIES

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP67



Catalogue number	Colour	Plug type	Socket type	Nominal voltage	Packing/ Box
EC690712	Blue	1x Industrial 1P+N+E / 16A	2 x Industrial 1P+N+E / 16A	200-250V	1/10

TWO WAY MULTILIER AND PLUG FOUR POLES IP67, EC690 SERIES

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP67



Catalogue number	Colour	Plug type	Socket type	Nominal voltage	Packing/ Box
EC690732	Red	1x Industrial 3P+E / 16A	2 x Industrial 3P+E / 16A	380-415V	1/5

5 YEARS TOTAL WARRANTY
5 standard
0 extended

Scan each QR code to see product price and availability.

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INDUSTRIAL BOARD SYSTEM EC690 SERIES

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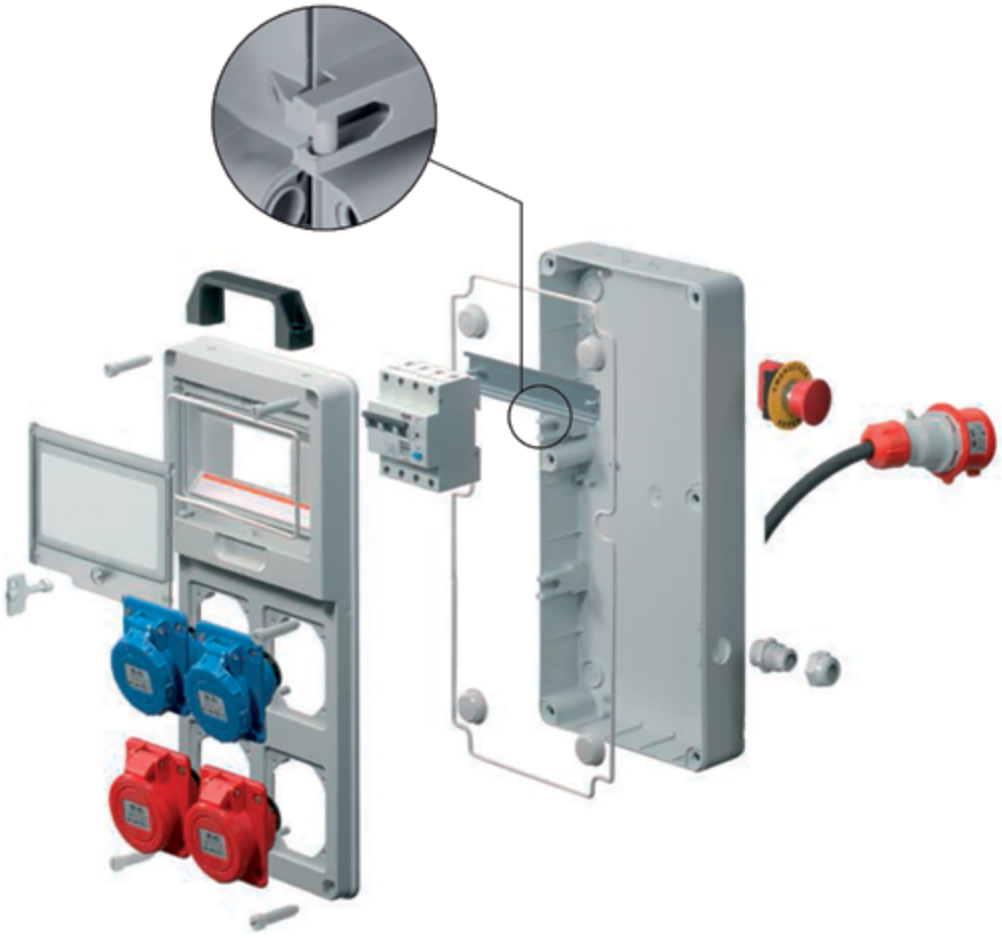
Distribution boards 690 series can be safely used for temporary installation such as construction sites, markets, fairs, etc. They are entirely made up of UV-resistant halogen free technopolymer on ABS- base. They are suitable for outdoor use, thanks to the high impact resistance. The distribution boards are fit to use in different options- movable with handle or fixed on the wall. The distribution boards are suitable with sockets with mounting flange with screw hole center distance 60x60mm.

TECHNICAL DATA

- Material: shock resistant, halogen free technopolymer on ABS base with resistance to UV rays.
- Colour: grey RAL 7035
- IP code: IP65
- Resistance to mechanical shock: IK08-IK10(shocks up to 6-20j)
- Resistance to abnormal heat: up to 650°C(Glow Wire Test, Reference Standard IEC 695-2-1
- Installation temperature range: min-15°C, max+60°C
- DIN rail material: galvanized steel
- Pre-cuts for conduit or cable inlet of different sizes.
- Standards: IEC60670; CEI 23-48; CEI 23-49; EN 50102
- RoHS 2002/95/CE

Documents corresponding to the product:
Standard IEC60670; CEI 23-48; CEI 23-49; EN 50102

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended



Scan each QR code to see product price and availability.



EMPTY DISTRIBUTION BOARD EC690 SERIES 2 VERTICAL SOCKETS

Catalogue number	Type	Number of modules	IP code	Dimensions (mm)			Packing pcs/box
				W	H	D	
53EC69021	EC69021	4	65	105	337	95	1/15



EMPTY DISTRIBUTION BOARD EC690 SERIES 3 VERTICAL SOCKETS

Catalogue number	Type	Number of modules	IP code	Dimensions (mm)			Packing pcs/box
				W	H	D	
53EC69022	EC69022	4	65	105	430	95	1/13



EMPTY DISTRIBUTION BOARD EC690 SERIES 3 VERTICAL SOCKETS

Catalogue number	Type	Number of modules	IP code	Dimensions (mm)			Packing pcs/box
				W	H	D	
EC69024	EC69024	12	65	320	360	135	1/10

** All boards are not compatible with all industrial plugs and sockets we offer. Some of the equipment requires additional adaptation, for this we recommend ordering an equipped panel, according to your needs, published on the next two pages of the catalog.*

For sockets with 60x60mm hole center distance.

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

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EMPTY DISTRIBUTION BOARD EC690 SERIES 4 SOCKETS

Catalogue number	Type	Number of modules	IP code	Dimensions (mm)			Packing pcs/box
				W	H	D	
53EC69023	EC69023	8	65	200	430	95	1/10



EMPTY DISTRIBUTION BOARD EC690 SERIES 6 SOCKETS

Catalogue number	Type	Number of modules	IP code	Dimensions (mm)			Packing pcs/box
				W	H	D	
53EC69025	EC69025	12	65	320	510	135	1

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

** All boards are not compatible with all industrial plugs and sockets we offer. Some of the equipment requires additional adaptation, for this we recommend ordering an equipped panel, according to your needs, published on the next two pages of the catalog for sockets with 60x60mm hole center distance.*

Scan each QR code to see product price and availability.

ASSEMBLED DISTRIBUTION BOARD 690 SERIES 2 VERTICAL SOCKETS, 4 MODULES



Catalogue number	Empty board type	German type	1P+N+E	3P+N	3P+N+E	IP code
53EC690212A1	EC69021		1x16A+1x32A			44
53EC690212A2	EC69021		1x16A		1x16A	44
53EC690212A3	EC69021		1x16A	1x16A		44
53EC690212A4	EC69021	2x16A				44
53EC690212B1	EC69021		1x16A+1x32A			67
53EC690212B2	EC69021		1x16A		1x16A	67
53EC690212B3	EC69021		1x16A	1x16A		67

- Dimensions W x H x D: 105 x 337 x 95mm

ASSEMBLED DISTRIBUTION BOARD 690 SERIES 3 VERTICAL SOCKETS, 4 MODULES



Catalogue number	Empty board type	German type	1P+N+E	3P+N	3P+N+E	IP code
53EC690223A1	EC69022		1x16A+1x32A		1x16A	44
53EC690223A2	EC69022		1x32A		1x16A+1x32A	44
53EC690223A3	EC69022		1x16A+1x32A	1x16A		44
53EC690223A4	EC69022		1x32A	1x16A+1x32A		44
53EC690223A5	EC69022	2x16A	1x16A			44
53EC690223B1	EC69022		1x16A+1x32A		1x16A	67
53EC690223B2	EC69022		1x32A		1x16A+1x32A	67
53EC690223B3	EC69022		1x16A+1x32A	1x16A		67
53EC690223B4	EC69022		1x32A	1x16A+1x32A		67

- Dimensions W x H x D: 105 x 430 x 95mm

ASSEMBLED DISTRIBUTION BOARD 690 SERIES 4 SOCKETS, 8 MODULES



Catalogue number	Empty board type	German type	1P+N+E	3P+N	3P+N+E	IP code
53EC690234A1	EC69023		1x16A+1x32A		1x16A+1x32A	44
53EC690234A2	EC69023		2x32A		2x16A	44
53EC690234A3	EC69023		1x16A+1x32A	1x16A+1x32A		44
53EC690234A4	EC69023		2x32A	2x16A		44
53EC690234A5	EC69023	2x16A	1x16A+1x32A			44
53EC690234A6	EC69023	2x16A		1x16A+1x32A		44
53EC690234B1	EC69023		1x16A+1x32A		1x16A+1x32A	67
53EC690234B2	EC69023		2x32A		2x16A	67
53EC690234B3	EC69023		1x16A+1x32A	1x16A+1x32A		67
53EC690234B4	EC69023		2x32A	2x16A		67

- Dimensions W x H x D: 200 x 430 x 95mm

** If you need equipment with items other than those listed in the kits, please contact your sales representative or send an inquiry on info@elmarkholding.eu, to prepare an individual offer, according to your needs.*

5 YEARS TOTAL WARRANTY
5 standard
0 extended

ELMARK
The Brand of Electricity

PRODUCED FOR **ELMARK** IN ITALY

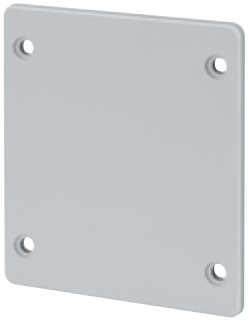


ASSEMBLED DISTRIBUTION BOARD 690 SERIES 6 SOCKETS, 12 MODULES

Catalogue number	Empty board type	German type	1P+N+E	3P+N	3P+N+E	IP code
53EC690256A1	EC69025		2x16A+1x32A		2x16A+1x32A	44
53EC690256A2	EC69025		1x16A+2x32A		1x16A+2x32A	44
53EC690256A3	EC69025		2x16A+1x32A	2x16A+1x32A		44
53EC690256A4	EC69025		1x16A+2x32A	1x16A+2x32A		44
53EC690256A5	EC69025	3x16A	2x16A+1x32A			44
53EC690256A6	EC69025	2x16A	1x16A	2x16A+1x32A		44
53EC690256B1	EC69025		2x16A+1x32A		2x16A+1x32A	67
53EC690256B2	EC69025		1x16A+2x32A		1x16A+2x32A	67
53EC690256B3	EC69025		2x16A+1x32A	2x16A+1x32A		67
53EC690256B4	EC69025		1x16A+2x32A	1x16A+2x32A		67

Dimensions W x H x D: 320 x 510 x 135mm

** If you need equipment with items other than those listed in the kits, please contact your sales representative or send an inquiry on info@elmarkholding.eu, to prepare an individual offer, according to your needs.*



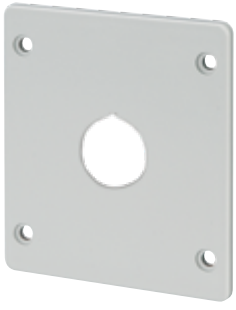
SPARE FLANGE WITH SCREWS AND GASKETS

Catalogue number	Type	Dimensions (mm) W	Dimensions (mm) H	Packing pcs/ box
53EC690F1	EC690F1	85	74	1/10

The flange mounted is used for closing of the factory maid openings,in case there is no switch for it at the moment,and assures the necessary IP of the board. Another function is assuring the possibility for mounting of great number of additional appliances within assembling the board when making a suitable opening in the flange.

HALOGEN FREE

PRODUCED FOR **ELMARK** IN ITALY



FLANGE FOR AUXILIARY CONTROL Ø22

Catalogue number	Type	Hole diameter (mm)	Dimensions (mm) W	Dimensions (mm) H	Packing pcs/ box
EC690F6	EC690F6	22	85	74	1/10



Spare flange with mounted limit switch



Limit switch page 170



Spare flange with mounted stop button



Stop button page 180

5 YEARS TOTAL WARRANTY
5 standard
0 extended

Scan each QR code to see product price and availability.



PANEL MOUNTING SWITCH DISCONNECTOR SERIES 66, BLACK

MAIN TECHNICAL FEATURES
- Knob padlock (3 padlocks)
- Turning angle 90°
- Operated voltage: 690V
- Mechanical durability: 100 000 times
- Resistance to abnormal heat 650°C
- Standard: EC 947-3; EN 60947-3; UL 508
- Suitable with boards from series 690

HALOGEN FREE

PRODUCED FOR ELMARK IN ITALY

Catalogue number	Number of modules	In (A)	Dimensions (mm)			Packing pcs/ box
			W	H	D	
EC660402MI	2	40	74	85	88	1/12
EC660403MI	3	40	74	85	88	1/12
EC660404MI	4	40	74	85	88	1/12



PANEL MOUNTING SWITCH DISCONNECTOR SERIES 66, RED

MAIN TECHNICAL FEATURES
- Knob padlock (3 padlocks)
- Turning angle 90°
- Operated voltage: 690V
- Mechanical durability: 100 000 times
- Resistance to abnormal heat 650°C
- Standard: EC 947-3; EN 60947-3; UL 508
- Suitable with boards from series 690

HALOGEN FREE

PRODUCED FOR ELMARK IN ITALY

Catalogue number	Number of modules	In (A)	Dimensions (mm)			Packing pcs/ box
			W	H	D	
EC660402EI	2	40	74	85	88	1/12
EC660403EI	3	40	74	85	88	1/12
EC660404EI	4	40	74	85	88	1/12



HANDLE WITH SCREWS

PRODUCED FOR ELMARK IN ITALY

Catalogue number	Type	Dimensions (mm)			Packing pcs/ box
		W	H	D	
53EC690MA	EC690MA	134	42	25.6	1/10

It assures a convenience when carrying the board.

5 YEARS TOTAL WARRANTY
5 standard + 0 extended

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended



EMPTY DISTRIBUTION BOARD EC690 SERIES 2 HORIZONTAL INTERLOCKED SOCKETS WITHOUT FUSE HOLDER

PRODUCED FOR ELMARK IN ITALY

Catalogue number	Type	Number of modules	IP code	Dimensions (mm)			Packing pcs/box
				W	H	D	
EC69034	EC69034	12	65	320	360	135	1/10



EMPTY DISTRIBUTION BOARD EC690 SERIES 2 VERTICAL INTERLOCKED SOCKETS WITH FUSE HOLDER

PRODUCED FOR ELMARK IN ITALY

Catalogue number	Type	Number of modules	IP code	Dimensions (mm)			Packing pcs/box
				W	H	D	
EC69045	EC69045	12	65	320	510	135	1/10

Scan each QR code to see product price and availability.



SURFACE WALL MOUNTING BASES FOR INTERLOCKED SOCKETS

PRODUCED FOR ELMARK IN ITALY

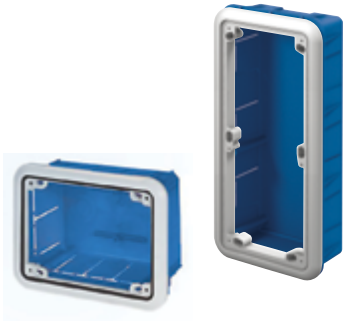
Catalogue number	Description	Dimensions (mm)			Packing pcs/ box
		W	H	D	
EC690900	Base for horizontal socket without fuse holders	154	114	50	1/20
EC6909004	Base for vertical socket with fuse holders	120	280	67	1/10



FLUSH MOUNTING BOXES FOR INTERLOCKED SOCKETS FOR CONCRETE

PRODUCED FOR ELMARK IN ITALY

Catalogue number	Description	Dimensions (mm)			Packing pcs/ box
		W	H	D	
EC690910	Box for horizontal socket without fuse holders	180	145	70	1/12
EC690920	Box for vertical socket with fuse holders	309	149	70	1/14



FLUSH MOUNTING BOXES FOR INTERLOCKED SOCKETS FOR DRY LINING

PRODUCED FOR ELMARK IN ITALY

Catalogue number	Description	Dimensions (mm)			Packing pcs/ box
		W	H	D	
EC690915	Box for horizontal socket without fuse holders	185	145	80	1/12
EC690930	Box for vertical socket with fuse holders	309	149	70	1/14

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
5 standard
+ 0 extended

ELMARK
The Brand of Electricity



HORIZONTAL INTERLOCKED SOCKETS WITHOUT FUSE HOLDER AND WALL BASE, IP44

MAIN TECHNICAL FEATURES

- 20° inclined industrial sockets for flush or surface mounting
- Switch type AC23A- 10kA
- Lockable handle in ON or OFF position
- Stainless steel for lid closing

Mounting possibility:
- Surface: with box EC690900 or board EC69034
- Flush: with box EC690910 for concrete or EC690915 for plaster board or lid closing

PRODUCED FOR **ELMARK** IN ITALY

Catalogue number	Colour	Rated current	Number of poles	Nominal voltage	Reference h	IP Degree	Packing pcs/box
EC69090	Blue	16A	1P+N+E	200-250V	6	IP44	1/24
EC69292	Blue	32A	1P+N+E	200-250V	6	IP44	1/24

Catalogue number	Colour	Rated current	Number of poles	Nominal voltage	Reference h	IP Degree	Packing pcs/box
EC69092	Red	16A	3P+E	380-415V	6	IP44	1/24
EC69096	Red	32A	3P+E	380-415V	6	IP44	1/24

Catalogue number	Colour	Rated current	Number of poles	Nominal voltage	Reference h	IP Degree	Packing pcs/box
EC69094	Red	16A	3P+N+E	346-415V	6	IP44	1/24
EC69098	Red	32A	3P+N+E	346-415V	6	IP44	1/24



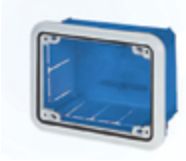
EC69034



EC690900



EC690910



EC690915

Scan each QR code to see product price and availability.



HORIZONTAL INTERLOCKED SOCKETS WITHOUT FUSE HOLDER AND WALL BASE, IP65

MAIN TECHNICAL FEATURES

- 20° inclined industrial sockets for flush or surface mounting
- Switch type AC23A- 10kA
- Lockable handle in ON or OFF position
- Stainless steel for lid closing

Mounting possibility:
- Surface: with box EC6909004 or board EC69034
- Flush: with box EC690910 for concrete or EC690915 for plaster board or lid closing

PRODUCED FOR **ELMARK** IN ITALY

Catalogue number	Colour	Rated current	Number of poles	Nominal voltage	Reference h	IP Degree	Packing pcs/box
EC69091	Blue	16A	1P+N+E	200-250V	6	IP65	1/24
EC69296	Blue	32A	1P+N+E	200-250V	6	IP65	1/24

Catalogue number	Colour	Rated current	Number of poles	Nominal voltage	Reference h	IP Degree	Packing pcs/box
EC69093	Red	16A	3P+E	380-415V	6	IP65	1/24
EC69097	Red	32A	3P+E	380-415V	6	IP65	1/24

Catalogue number	Colour	Rated current	Number of poles	Nominal voltage	Reference h	IP Degree	Packing pcs/box
EC69095	Red	16A	3P+N+E	346-415V	6	IP65	1/24
EC69099	Red	32A	3P+N+E	346-415V	6	IP65	1/24



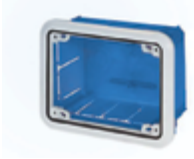
EC69034



EC690900



EC690910



EC690915

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

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VERTICAL INTERLOCKED SOCKETS WITH FUSE HOLDER WITHOUT WALL BASE, IP44

MAIN TECHNICAL FEATURES

- 20° inclined industrial sockets for flush or surface mounting
- Switch type AC23A- 10kA
- Fuse type gG 10.3x38mm (not included)
- LED light indicator for blown fuse
- Lockable handle in ON or OFF position
- Stainless steel for lid closing

Mounting possibility:
- Surface: with box EC690900 or board EC69045
- Flush: with box EC690920 for concrete or EC690930 for plaster board or lid closing

Suitable fuse holders:
- Cat. number for 16A: 10G103816
- Cat. number for 16A: 10G103832

PRODUCED FOR ELMARK IN ITALY

Catalogue number	Colour	Rated current	Number of poles	Nominal voltage	Reference h	IP Degree	Packing pcs/box
EC690904F	Blue	16A	1P+N+E	200-250V	6	IP44	1/10
EC692924F	Blue	32A	1P+N+E	200-250V	6	IP44	1/10

Catalogue number	Colour	Rated current	Number of poles	Nominal voltage	Reference h	IP Degree	Packing pcs/box
EC690924F	Red	16A	3P+E	380-415V	6	IP44	1/10
EC690964F	Red	32A	3P+E	380-415V	6	IP44	1/10

Catalogue number	Colour	Rated current	Number of poles	Nominal voltage	Reference h	IP Degree	Packing pcs/box
EC690944F	Red	16A	3P+N+E	346-415V	6	IP44	1/10
EC690984F	Red	32A	3P+N+E	346-415V	6	IP44	1/10



EC69045



EC690900



EC6900920



EC690930



Scan each QR code to see product



VERTICAL INTERLOCKED SOCKETS WITH FUSE HOLDER WITHOUT WALL BASE, IP65

MAIN TECHNICAL FEATURES

- 20° inclined industrial sockets for flush or surface mounting
- Switch type AC23A- 10kA
- Fuse type gG 10.3x38mm (not included)
- LED light indicator for blown fuse
- Lockable handle in ON or OFF position
- Stainless steel for lid closing

Mounting possibility:
- Surface: with box EC690900 or board EC69045
- Flush: with box EC690920 for concrete or EC690930 for plaster board or lid closing

Suitable fuse holders:
- Cat. number for 16A: 10G103816
- Cat. number for 16A: 10G103832

PRODUCED FOR **ELMARK** IN ITALY

Catalogue number	Colour	Rated current	Number of poles	Nominal voltage	Reference h	IP Degree	Packing pcs/box
EC690914F	Blue	16A	1P+N+E	200-250V	6	IP65	1/10
EC692964F	Blue	32A	1P+N+E	200-250V	6	IP65	1/10

Catalogue number	Colour	Rated current	Number of poles	Nominal voltage	Reference h	IP Degree	Packing pcs/box
EC690934F	Red	16A	3P+E	380-415V	6	IP65	1/10
EC690974F	Red	32A	3P+E	380-415V	6	IP65	1/10

Catalogue number	Colour	Rated current	Number of poles	Nominal voltage	Reference h	IP Degree	Packing pcs/box
EC690954F	Red	16A	3P+N+E	346-415V	6	IP65	1/10
EC690994F	Red	32A	3P+N+E	346-415V	6	IP65	1/10



EC69045



EC690900



EC6900920



EC690930

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 3 standard
2 extended

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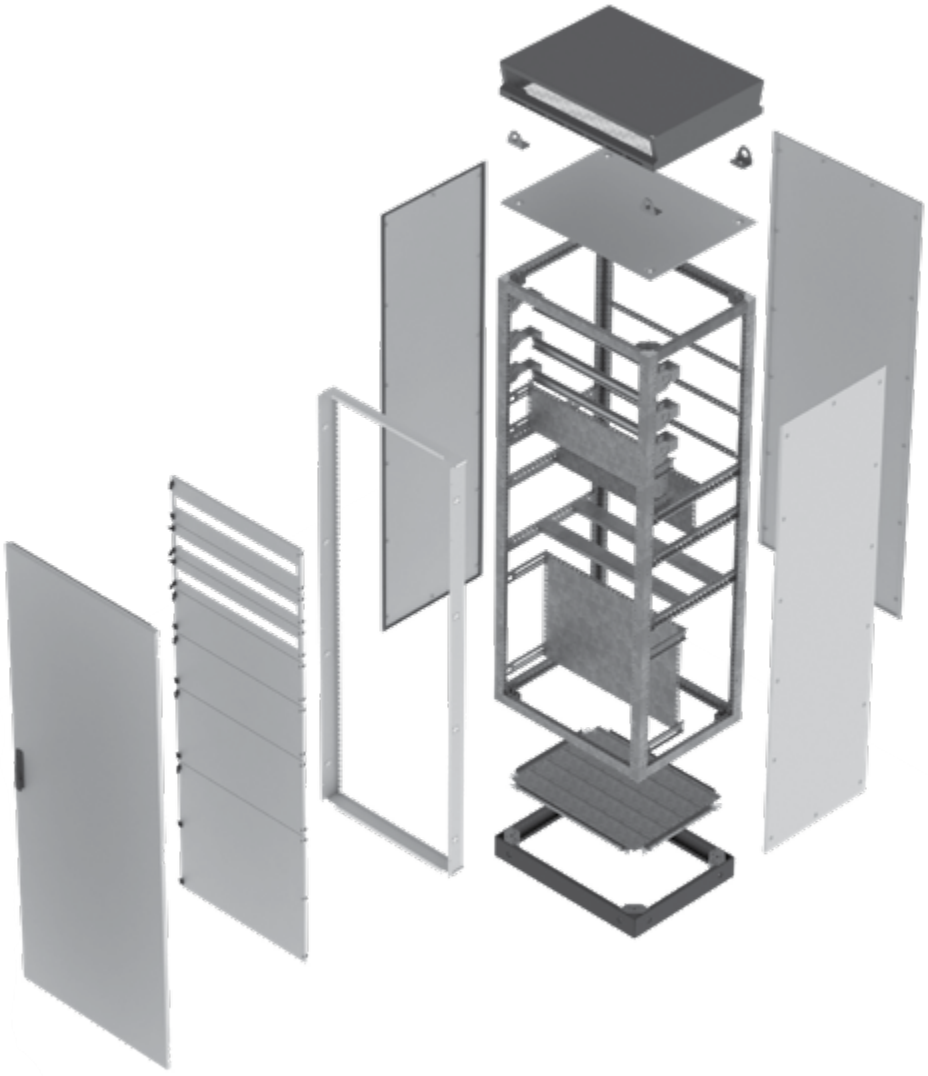
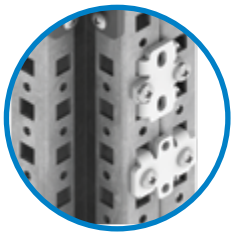
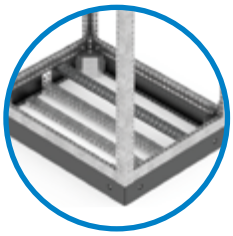
The Brand of Electricity

ASSEMBLED MODULAR DISTRIBUTION ENCLOSURES MATRIX, SERIES





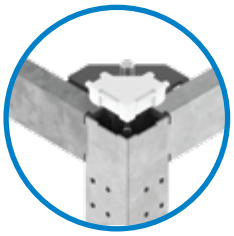
Enclosure connection system (with Nails).



Helps easier cable entrance from under plinth.



Corner, 4mm thickness for much stronger and useful for all sizes.



Vertical profiles set - Top stopper for much higher sealing.

Scan each QR code to see product price and availability.

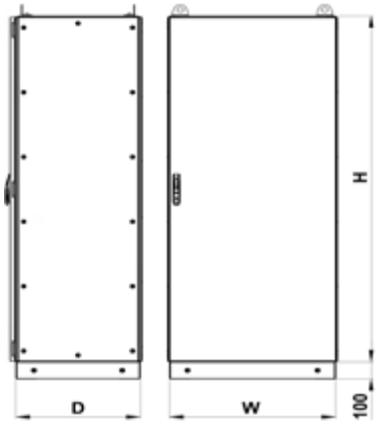
ASSEMBLED MODULAR DISTRIBUTION ENCLOSURES WITHOUT MOUNTING PLATES SET MATRIX, SERIES



FEATURES
- Latest moduler system
- Possibility to dismantled after initial assembling
- Easy montage. Installation in 8 - 10 minute.
- Base covers can be removed from 4 corners. This feature provides ease of transportation and assembly.
- Mounting plate with adjustable depth, specially designed for automation

MAIN INFORMATION
- Series: MATRIX
- Application: Multi-purpose
- Mounting: Floor-standing
- Items included in the set
  - Vertical profiles, SET
  - Tor cover panel
  - Front door
  - Back panel
  - Enclosure ground plint
  - Housing for ground mounting
- Dimensions WxHxD:
  - 600x2000x600mm
  - 800x2000x600mm

Catalogue number	Type	Dimensions (mm)			Packing/ Box
		W	H	D	
53SET6060	Matrix-600	600	2000	600	1
53SET8060	Matrix-800	800	2000	600	1





DETAILED DESCRIPTION OF ASSEMBLED MODULAR DISTRIBUTION ENCLOSURES WITHOUT MOUNTING PLATES, INCLUDED IN THE SET:

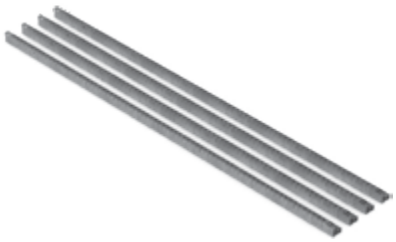
53SET6060
- 53DPT200: DPT-Vertical profiles 2000 (mm): 1 set
- 53UKT6060: UKT- top panel set for 600x2000x600 (mm): 1 set
- 53OKT60200: OKT- Front door for 600x2000x600 (mm): 1 set
- 53SKT60200: SKT- Side/back panel SET for 600X2000 (mm)- 1 set
- 53BTZ6060: BZT- Housing for ground mounting 600X2000X600: 1 set

53SET8060
- 53DPT200: DPT-Vertical profiles 2000 (mm): 1 set
- 53UKT8060: UKT- top panel set for 800x2000x600 (mm): 1 set
- 53OKT80200: OKT- Front door for 800x2000x600 (mm): 1 set
- 53SKT80200: SKT- Back panel SET for 800X2000 (mm)- 1 set
- 53BTZ8060: BZT- Housing for ground mounting 800X2000X600: 1 set

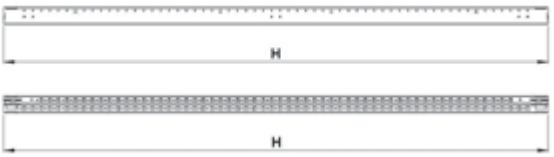
5 YEARS TOTAL WARRANTY
3 standard + 2 extended

5 YEARS TOTAL WARRANTY
3 standard
2 extended

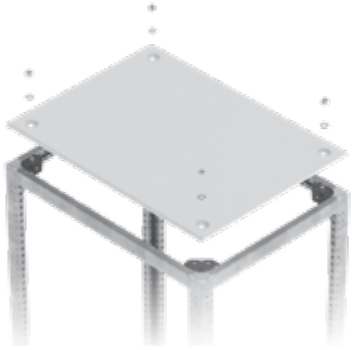
DPT- VERTICAL PROFILES, SET



Catalogue number	Type	Length (mm)	QTY in the SET	Packing/SET
53DPT200	DPT-2000	2000	4	1

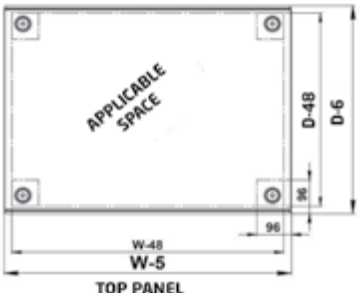


UKT- TOP PANELS, SET



Catalogue number	Type	Dimensions (mm)		Packing/ SET
		W	D	
53UKT6060	UKT-600	600	600	1
53UKT8060	UKT-800	800	600	1

- The set includes: Panel and all fixing elements



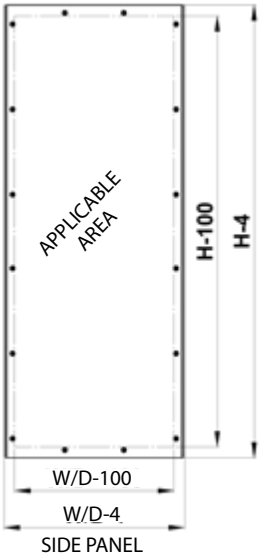
SKT- SIDE AND BACK PANELS





Catalogue number	Type	Dimensions (mm)		Packing/ SET
		H	W	
53SKT60200	SKT-600	2000	600	1
53SKT80200	SKT-800	2000	800	1

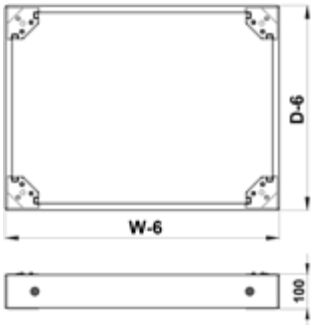
- Panel with dimensions 600x2000mm is suitable for side and back cover for enclosures with width of 600mm
- Panel with dimensions 800x2000mm is suitable only for back cover for enclosures with width of 800mm
- The set includes: Panel and all fixing elements



Scan each QR code to see product price and availability.

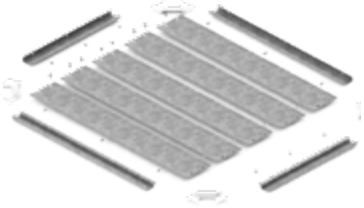
BZT- HOUSING (PLINTH) FOR GROUND MOUNTING

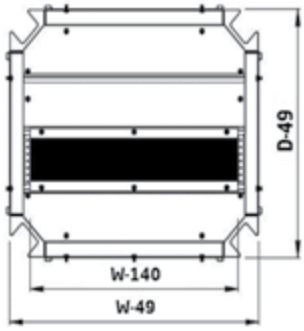




Catalogue number	Type	Dimensions (mm)		Packing/ SET
		W	H	
53BTZ6060	BZT-600	600	600	1
53BTZ8060	BZT-800	800	600	1

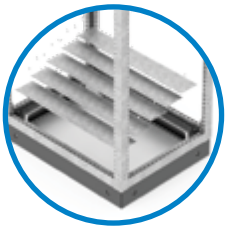
AOT- BOTTOM PLATE SET



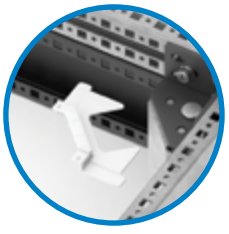


Catalogue number	Type	Dimensions (mm)		Packing/ SET
		W	D	
53AOT6060	AOT-600	600	600	1
53AOT8060	AOT-800	800	600	1

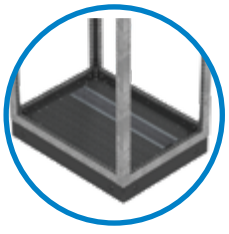
- The set includes all needed elements and fixing accessories:
  - Bottom plate rail;
  - Bottom plate corner;
  - Bottom plate brushes.



Bottom plate rail and Itself can be put on enclosure anytime.



Bottom Plate Corner Plastic can be attached after assembly.



Bottom Plate Brushes can be added after assembly.

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

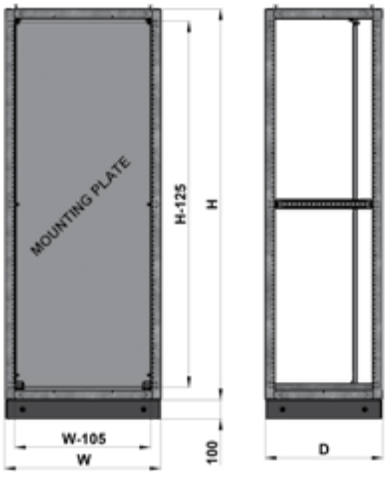
5 YEARS TOTAL WARRANTY
+ 3 standard
2 extended



MPT- MOUNTING PLATE SET

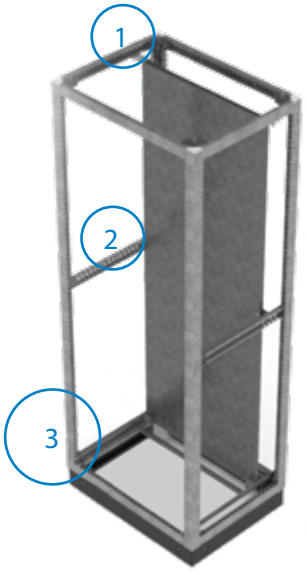
Catalogue number	Type	Dimensions (mm) W	H	Packing/ SET
53MPT60200	MPT-600	600	2000	1
53MPT80200	MPT-800	800	2000	1

- The set includes:
  - Mounting plate;
  - Fixing accessories.

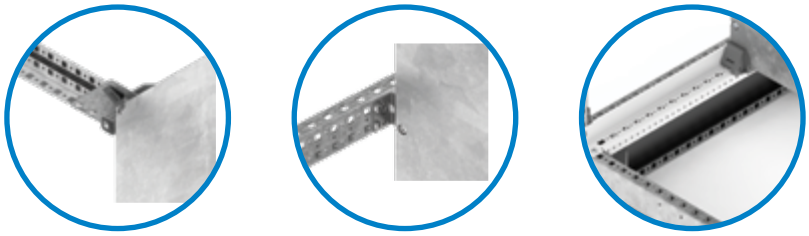


MPR- MOUNTING PLATE RAIL SET

Catalogue number	Type	Depth (mm)	Packing/ SET
53MPR60	MPR-600	600	1

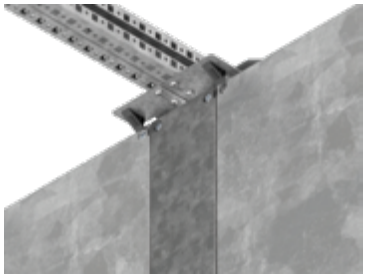


MPR- Mounting Plate Fixings



Rail and wheel system makes mounting plate installation easier.

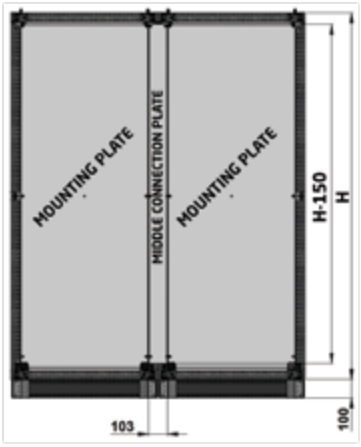
Scan each QR code to see product price and availability.

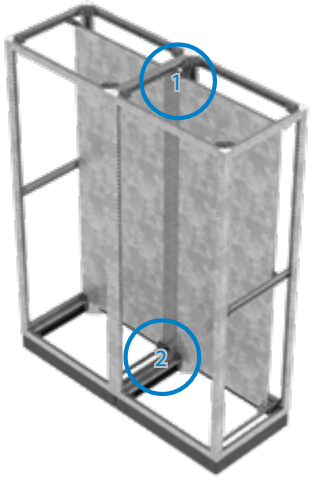


MAT- MIDDLE CONNECTION PLATE

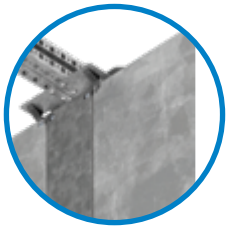
Catalogue number	Type	Height (mm)	Packing/ SET
53MAT200	MAT-2000	2000	1

- The set includes:
  - Middle connection plate;
  - Fixing accessories for fastening.





MAT- Middle Connection Plate Fixings



1



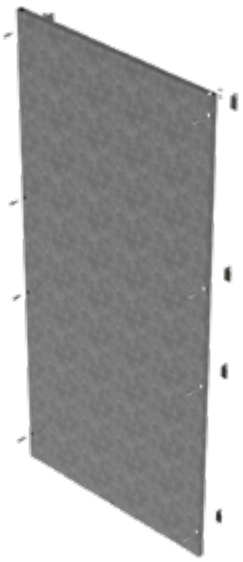
2

5 YEARS TOTAL WARRANTY
3 standard + 2 extended

Scan each QR code to see product price and availability.

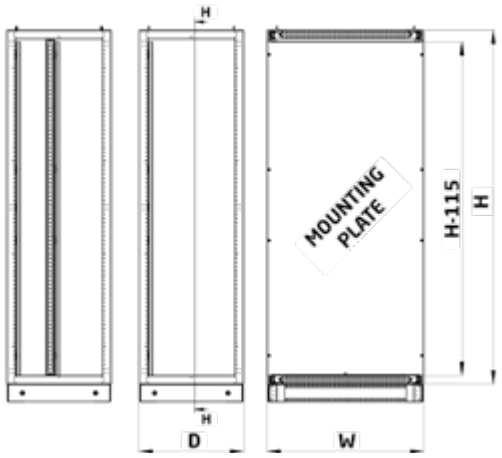
5 YEARS TOTAL WARRANTY
+ 3 standard
2 extended

OTT- AUTOMATION MOUNTING PLATES

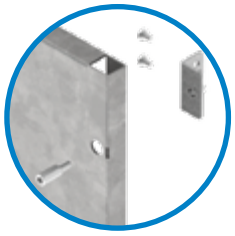


Catalogue number	Type	Dimensions (mm)		Packing/ SET
		W	H	
53OTT60200	OTT-600	600	2000	1
53OTT80200	OTT-800	800	2000	1

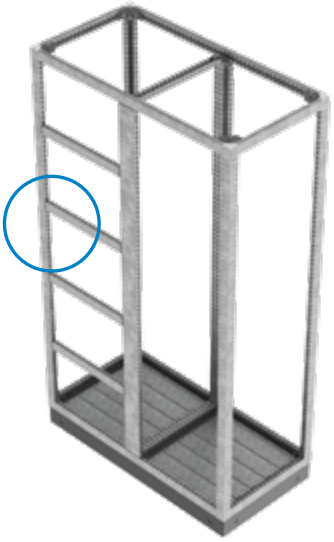
- The set includes:
  - Automation mounting plate;
  - Fixing accessories for fastening.



OTT- Automation Plate Fixings

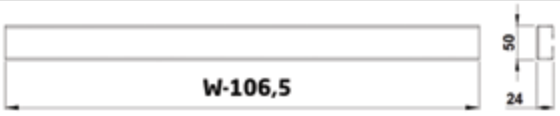


YBT- HORIZONTAL SPLITTING SET



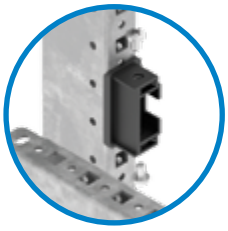
Catalogue number	Type	Width (mm)	Packing/ SET
53YBT60	YBT-600	600	1
53YBT80	YBT-800	800	1

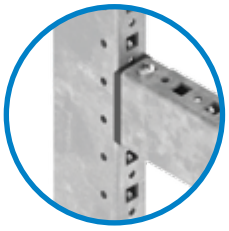
- The set includes:
  - Horizontal splitting element;
  - Fixing accessories.



YBT- Horizontal Splitting Fixings





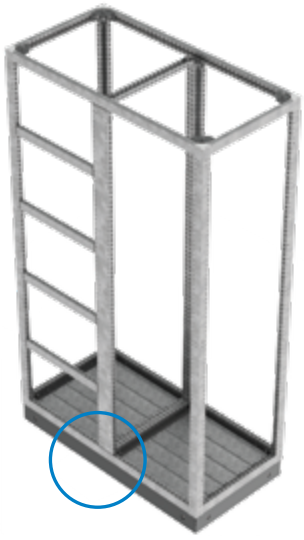


Side Gaskets for higher protection at the point of connect.

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
3 standard + 2 extended

DBT- VERTICAL SPLITTING SET



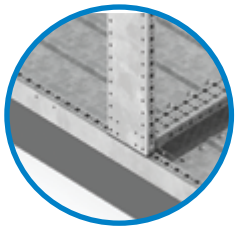
Catalogue number	Type	Height (mm)	Packing/ SET
53DBT200	DBT-2000	2000	1

- The set includes:
  - Vertical splitting element;
  - Fixing accessories.

DBT- Vertical Splitting Fixing Sets









Gaskets for higher protection and tightness at the point of connect.

PPT- COVER PLATE MOUNTING SET

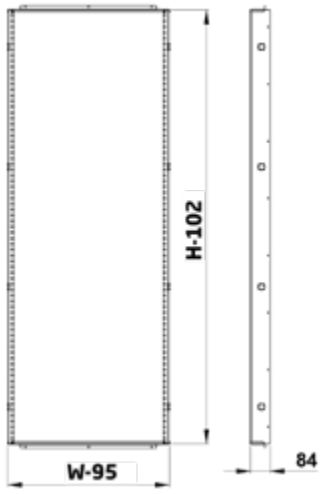


Catalogue number	Type	Dimensions (mm)		Packing/ SET
		W	H	
53PPT60200	PPT-600	600	2000	1
53PPT80200	PPT-800	800	2000	1

- The set includes:
  - Cover plate;
  - Fixing accessories.

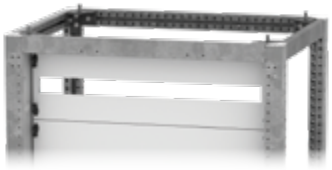
PPT - Cover Plate Mounting Set





Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

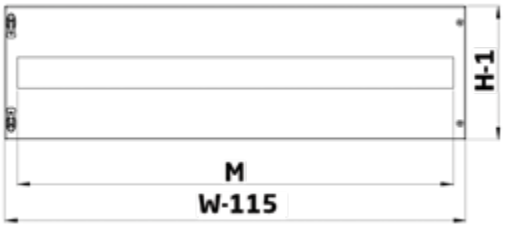


PWT- Cover plate for MCB's

PWT- COVER PLATES FOR 24/36 MODULES, SET

Catalogue number	Type	Number of modules	Dimensions (mm)		Packing/ SET
			W	H	
53PWT6020	PWT-600	24	600	200	1
53PWT8020	PWT-800	36	800	200	1

- The set includes:
  - Cover plate;
  - Fixing accessories.



Special design locking system for cover plates.





PRT- Blank cover plate set

PRT- COVER PLATES, SET

Catalogue number	Type	Dimensions (mm)		Packing/ SET
		W	H	
53PRT6020	PRT-600/200	600	200	1
53PRT8020	PRT-800/200	800	200	1
53PRT6050	PRT-600/500	600	500	1
53PRT8050	PRT-800/500	800	500	1

- The set includes:
  - Cover plate;
  - Fixing accessories.

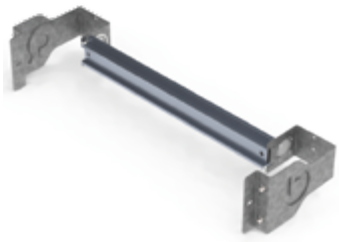
Special design locking system for cover plates.



Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
3 standard + 2 extended

RAT- DIN RAIL FIXING, SET



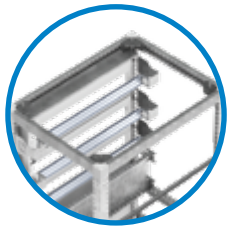
Rail Fixing Set

Catalogue number	Type	Width (mm)	Packing/ SET
53RAT60	RAT-600	600	1
53RAT80	RAT-800	800	1

- The set includes:
  - DIN rail;
  - Fixing accessories.







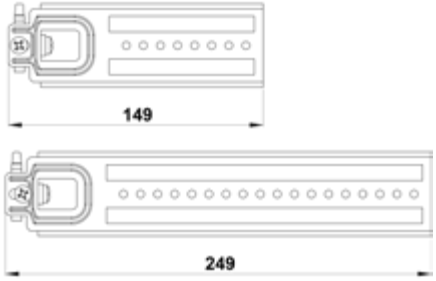
DAT- DEPTH ADJUSTMENT, SET

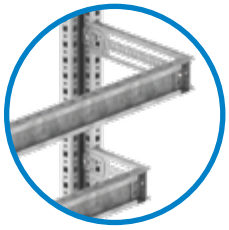


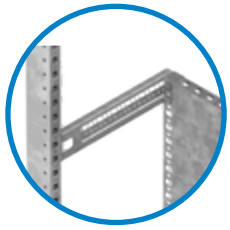
DAT- Depth Adjustment Set

Catalogue number	Type	Length (mm)	Packing/ SET
53DAT12	DAT-12	149	1
53DAT22	DAT-22	249	1

- The set includes:
  - Depth adjustment element;
  - Fixing accessories.







Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 3 standard
2 extended

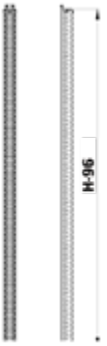
ELMARK
The Brand of Electricity

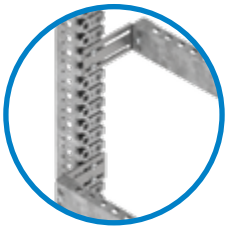
TDT- INTERNAL VERTICAL CARRIER PROFILE, SET



Catalogue number	Type	Height (mm)	Packing/ SET
53TDT200	TDT-2000	2000	1

- The set includes:
  - Internal profile;
  - Fixing accessories.



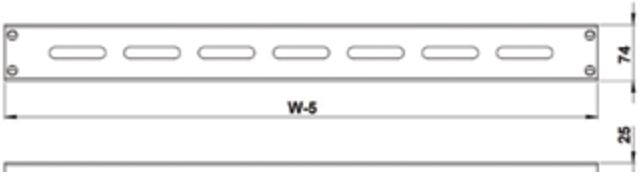


AET- HEAVY EQUIPMENT, SET



Catalogue number	Type	Width (mm)	Packing/ SET
53AET60	AET-600	600	1
53AET80	AET-800	800	1

- The set includes:
  - Internal profile;
  - Fixing accessories.



KTT- CABLE FIXING, SET



Catalogue number	Type	Width (mm)	Packing/ SET
53KTT60	KTT-600	600	1
53KTT80	KTT-800	800	1

- The set includes:
  - Cable fixing element;
  - Fixing accessories.



Scan each QR code to see product price and availability.

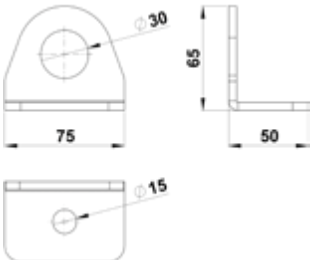
5 YEARS TOTAL WARRANTY
3 standard
2 extended

ATT-1 SINGLE LIFTING LUG, SET

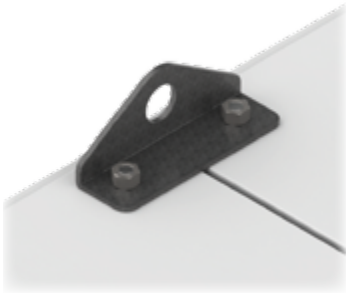


Catalogue number	Type	Dimensions (mm)			Packing/ SET
		W	H	D	
53ATT001	ATT-1	75	65	50	1

- The set includes:
  - Single lifting lug;
  - Fixing accessories.

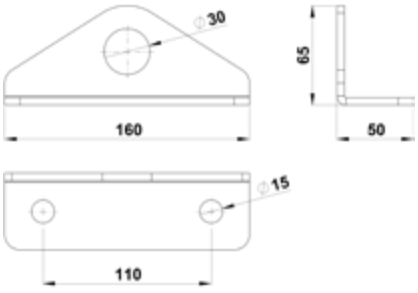


ATT-2 DOUBLE LIFTING LUG, SET

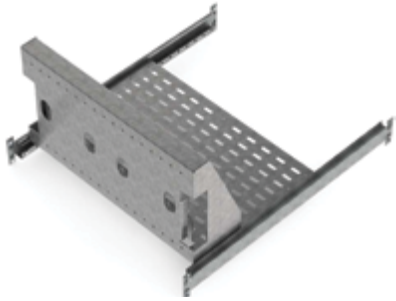


Catalogue number	Type	Dimensions (mm)			Packing/ SET
		W	H	D	
53ATT002	ATT-2	160	65	50	1

- The set includes:
  - Double lifting lug;
  - Fixing accessories.



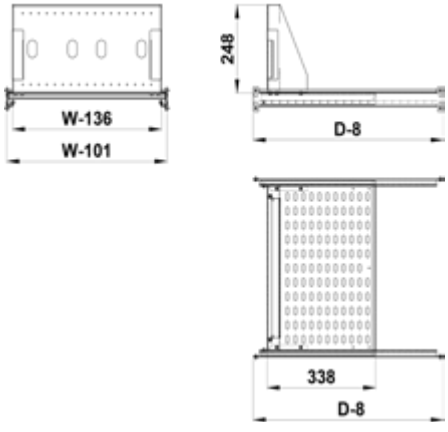
CMT- DRAWER MODULE, SET





Catalogue number	Type	Dimensions (mm)		Packing/ SET
		W	D	
53CMT6060	CMT-600	600	600	1
53CMT8060	CMT-800	800	600	1

- The set includes:
  - Drawer module;
  - Fixing accessories.



Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 3 standard
2 extended

ELMARK
The Brand of Electricity

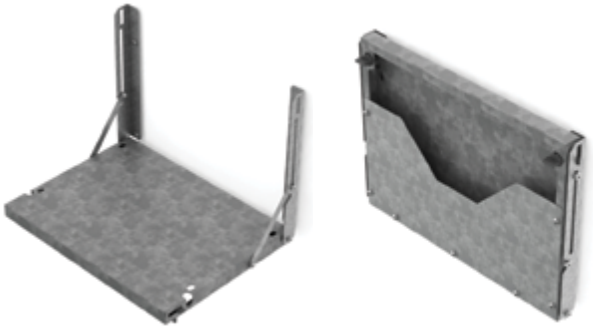


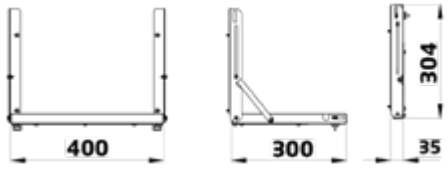
LPT- LAPTOP TABLES, SET

Catalogue number	Type	Dimensions (mm) W	Packing/ SET
53LPT60	LPT-600	600	1
53LPT80	LPT-800	800	1

- The set includes:
  - Laptop table;
  - Additional accessories.

LPT - Laptop table set



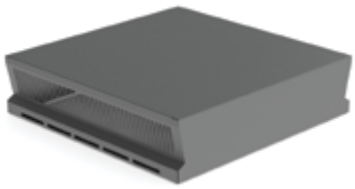






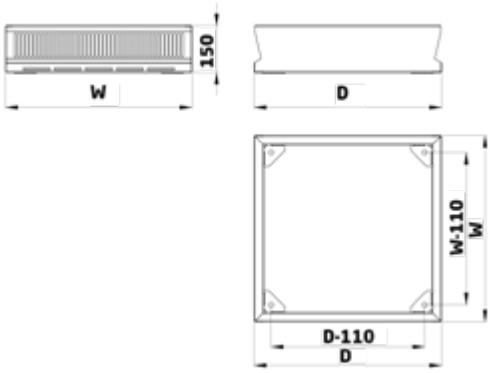
Scan each QR code to see product price and availability.

UHT- ROOF VENTILATION, SET



Catalogue number	Type	Dimensions (mm)		Packing/ SET
		W	D	
53UHT6060	UHT-600	600	600	1
53UHT8060	UHT-800	800	600	1

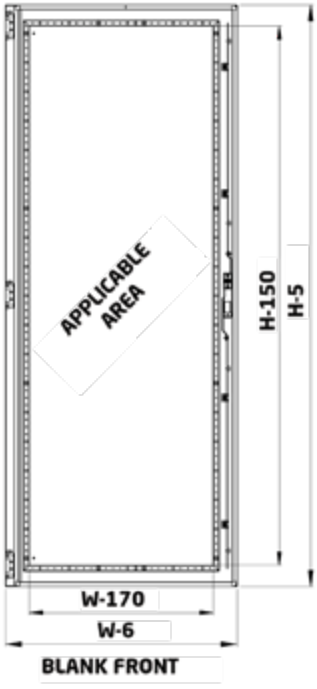
- The set includes:
  - Ventilation roof;
  - Additional accessories.



OKT- BLANK FRONT DOORS



Catalogue number	Type	Dimensions (mm)		Packing/ SET
		W	H	
53OKT60200	OKT-600	600	2000	1
53OKT80200	OKT-800	800	2000	1



5 YEARS TOTAL WARRANTY
3 standard + 2 extended

Scan each QR code to see product price and availability.

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ACCESSORIES FOR MODULAR DISTRIBUTION ENCLOSURES

3 YEARS TOTAL WARRANTY
+ 2 standard
1 extended

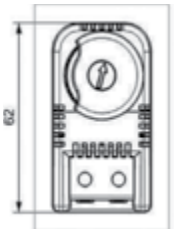
MECHANICAL THERMOSTAT FOR HEATERS

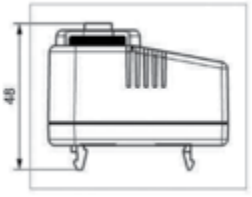


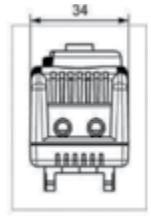
TECHNICAL DATA

- Rated voltage: 250V AC
- Rated current: 10A
- Temperature setting range: 0-60°C
- Type of switch function: NC
- Contact type: Snap action
- Colour of potentiometer: Red
- Sensor type: Bi-metal
- Electrical connection: 2-Pole terminal
- Material: UL94 V0 ABS flame retardant
- Protection degree: IP20
- Working temperature: -25~+80°C
- Mounting: On DIN rail
- Installation position: Variable
- Sizes (HxWxD): 61x34x38 mm

Catalogue number	Rated current (A)	Contact function	Temperature range (C°)	Potentiometer colour	Packing/ Box
53300	10	NC	0-60°	Red	1







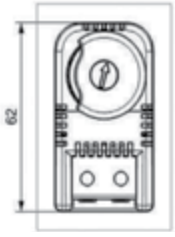
MECHANICAL THERMOSTAT FOR FANS

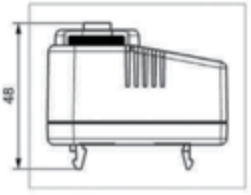


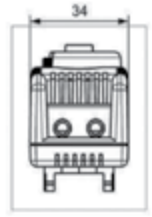
TECHNICAL DATA

- Rated voltage: 250V AC
- Rated current: 15A
- Temperature setting range: 0-60°C
- Type of switch function: NO
- Contact type: Snap action
- Colour of potentiometer: Blue
- Sensor type: Bimetal
- Electrical connection: 2-Pole terminal
- Material: UL94 V0 ABS flame retardant
- Protection degree: IP20
- Working temperature: -25~+80°C
- Mounting: On DIN rail
- Installation position: Variable
- Sizes (HxWxD): 61x34x38 mm

Catalogue number	Rated current (A)	Contact function	Temperature range (C°)	Potentiometer colour	Packing/ Box
53301	10	NO	0-60°	Blue	1







Scan each QR code to see product price and availability.

3 YEARS TOTAL WARRANTY
2 standard + 1 extended

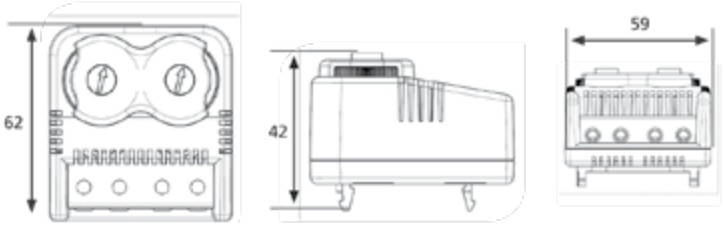
DUAL THERMOSTAT FOR FANS



TECHNICAL DATA

- Rated voltage: 250V AC
- Rated current: 10A
- Temperature setting range: 0-60°C
- Type of switch function: NC+NO
- Contact type: Snap action
- Colour of potentiometer: Red + Blue
- Sensor type: Bi-metal
- Electrical connection: 4-Pole terminal
- Material: UL94 V0 ABS flame retardant
- Protection degree: IP20
- Working temperature: -25~+80°C
- Mounting: On DIN rail
- Installation position: Variable
- Sizes (HxWxD): 65x59x42 mm

Catalogue number	Rated current (A)	Contact function	Temperature range (C°)	Potentiometer colour	Packing/ Box
53302	10	NC+NO	0-60°	Red+Blue	1



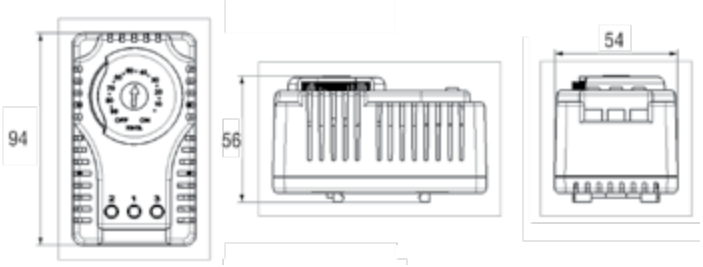
MECHANICAL HYGROSTAT



TECHNICAL DATA

- Setting range: 10-90% RH
- Colour of potentiometer: Black
- Sensor type: Polyamide ribbon
- Differential: 5%
- Electrical connection: 3-Pole terminal
- Protection degree: IP20
- Working temperature: -25~+60°C
- Mounting: On DIN rail
- Sizes (HxWxD): 94x56x54 mm

Catalogue number	Rated current (A)	Humidity range (% RH)	Potentiometer colour	Packing/ Box
53303	5	10-90	Black	1



Scan each QR code to see product price and availability.

3 YEARS TOTAL WARRANTY
+ 2 standard 1 extended

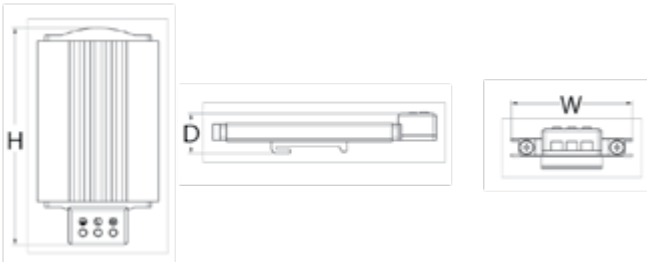


PTC SLIM HEATERS

TECHNICAL DATA

- Rated voltage: 100-250V AC/DC
- Heating element type: PTC resistor, self regulating
- Over current protection: Electronic thermal overload
- Electrical connection: 3-Pole terminal
- Protection class: II
- Protection degree: IP20
- Working temperature: -25~+70°C
- Radiator: Aluminum profile, anodized
- Mounting: On DIN rail
- Installation position: Best efficiency in vertical position

Catalogue number	Power (W)	Rated current (A)	Dimensions (mm)			Packing/ Box
			H	W	D	
53318	30	2	148	80	27	1
53319	50	2	148	80	27	1
53320	100	4	166	80	27	1





FANS WITH FILTERS

TECHNICAL DATA

- Rated voltage: 250V AC, 50/60Hz
- Over current protection: Impedance
- Electrical connection: Lead wire
- IP Degree: IP54
- Working temperature: -10~+70°C
- Flow direction: Outside-in
- Plastic material: UL94 V0 ABS flame retardant
- RAL: 7035
- Mounting: via clips (fast clip on)

Catalogue number	Power (W)	Air flow rate (m^3/h)	Current consumption (A)	Noise level (bB)	Dimensions (mm)			Packing/ Box
					H	W	D	
53314	14	30	0.08	28	120	120	58.5	1
53315	26	100	0.14	42	160	160	69	1
53316	26	125	0.14	42	210	210	98	1
53317	37	240	0.23	52	260	260	103	1

Scan each QR code to see product price and availability.



FILTERS

TECHNICAL DATA

- IP Degree: IP54
- Working temperature: -10~+70°C
- Plastic material: UL94 V0 ABS flame retardant
- RAL: 7035
- Mounting: via clips (fast clip on)

Catalogue number	Dimensions (mm)			Packing/ Box
	H	W	D	
53310	120	120	20.5	1
53311	160	160	31	1
53312	210	210	31	1
53313	260	260	31	1

3 YEARS TOTAL WARRANTY
+ 2 standard 1 extended

3 YEARS TOTAL WARRANTY
+ 2 standard 1 extended

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COMMUNICATION CABINET RACKS - DATA SERIES

WALL MOUNT CABINET RACKS, DATA SERIES



Premium rack enclosure cabinet, DATA series is suitable for quick and easy deployment in secure, high-density server, telecommunication and IT networking environments.

TECHNICAL DATA

- Material: High quality cold rolled steel
- Steel thickness: 1.5mm of profiles and 1.0mm of others
- Front door material: tempered glass
- Door thickness: 5.0mm
- Colour: Black RAL 9004

Wall mounted rack cabinet includes:
- 1 cabinet
- 1 layer board
- 1 bag of nuts and bolts
- 1 set of universal keys

NOTE: All cabinets are delivered disassembled.

Catalogue number	Type	Layer QTY	Dimensions (mm)		
			L	H	W
53350	Wall mount cabinet rack 4U	1	300	226	95
53351	Wall mount cabinet rack 9U	1	500	226	95
53352	Wall mount cabinet rack 12U	1	650	226	95
53353	Wall mount cabinet rack 15U	1	855	226	95

FREE STANDING CABINET RACK, DATA SERIES



Premium rack enclosure cabinet, DATA series is suitable for quick and easy deployment in secure, high-density server, telecommunication and IT networking environments.

TECHNICAL DATA

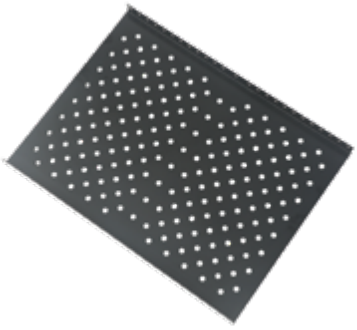
- Material: SPCC high quality cold rolled steel
- Steel thickness: 1.5mm of profiles and 1.0mm of others
- Front door material: tempered glass
- Door thickness: 5.0mm
- Colour: Black RAL 9004
- Static load: 800kg
- IP code: IP23

Free standing rack cabinet includes:
- 1 cabinet
- 1-3 layer board
- 1 bag of nuts and bolts
- 1 set of universal keys

NOTE: All cabinets are delivered disassembled.

Catalogue number	Type	Layer QTY	Dimensions (mm)		
			L	H	W
53354	Free standing cabinet rack 22U	1	600	600	1200
53355	Free standing cabinet rack 32U	2	600	600	1600
53356	Free standing cabinet rack 42U	3	600	600	1600
53357	Free standing cabinet rack 42U	3	600	800	2000

Scan each QR code to see product price and availability.



LAYERS FOR CABINET RACK, DATA SERIES

Catalogue number	Type	Dimensions (mm)	
		L	H
53358	4U / 9U / 12U	600	450
53359	15U / 22U / 32U / 42U with cat. number 53356	600	600
53360	42U with cat. number 53357	600	800

Bolts and nuts are not included
Compatible bolt and nut SET: 53362 (1 SET included 1 bolt and 1 nut. For mounting of 1 layer, must be used 4 SET's)



WHEELS FOR CABINET RACK, DATA SERIES

Catalogue number: 53361

* Catalogue number included 1 wheel.
For 1 cabinet must be used 4 PCS



BOLTS AND NUTS, SET

Catalogue number: 53362

THE SET INCLUDES:
- Bolt - 1 pc.
- Nut - 1 pc.

3 YEARS TOTAL WARRANTY
+ 2 standard 1 extended

METAL DISTRIBUTION BOARDS AND BOXES



METAL DISTRIBUTION BOXES FOR SURFACE MOUNTING- DELTA SERIES

Documents corresponding to the product:
Standard IEC60439-3

The metal distribution boxes have wide range of application for mounting in buildings under construction or new communal objects, offices, shops, house facilities. Inside the box, could be mounted circuit elements for protection in the electrical installation. They are made of high quality electro-galvanized steel sheet and provide proper prevention from fire. They are shock-proof as well. The box is also equipped with zero and ground terminals.

TECHNICAL DATA

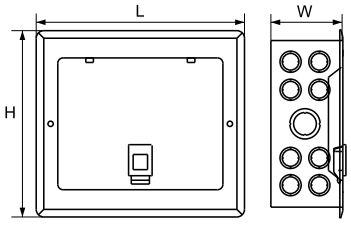
- Material: High quality electro-galvanized steel sheet
- Maximum insulation voltage: 690V; 50Hz
- Single phase: 4; 8; 12; 16 modules
- Triple phase: 4; 6; 8; 10; 12 modules
- Steel thickness: 1,0mm
- MCB mounting design: Din-rail
- Main switch rated current: MCB125A
- Mounting type: Surface
- Colour of body: grey
- IP code: IP40
- Fire resistance: 960°C/30s
- Humidity: Max.95%
- Storage temperature: -40+75°C
- Specification: CE, ROHS, BS, EN,EIC60439-3



SINGLE PHASE METAL DISTRIBUTION BOXES, DELTA SERIES

LIMITED STOCK

Catalogue number	Type	Number of poles	Module capacity	Material	Dimensions (mm) L	H	W	Packing/ Box
600104N	Delta 1/4	1	4	Metal	226	226	95	1/10
600108N	Delta 1/8	1	8	Metal	298	226	95	1/10
600112N	Delta 1/12	1	12	Metal	370	226	95	1/10
600116N	Delta 1/16	1	16	Metal	442	226	95	1/10

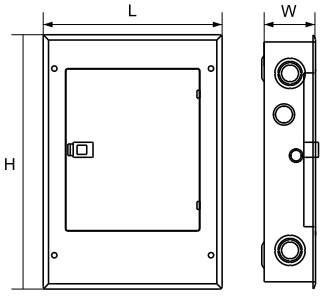




THREE PHASE METAL DISTRIBUTION BOXES, DELTA SERIES

LIMITED STOCK

Catalogue number	Type	Number of poles	Module capacity	Material	Dimensions (mm) L	H	W	Packing/ Box
600304N	Delta 3/4	3	4	Metal	506	350	105	1/10
600306N	Delta 3/6	3	6	Metal	560	350	105	1/10
600308N	Delta 3/8	3	8	Metal	614	350	105	1/10
600310N	Delta 3/10	3	10	Metal	668	350	105	1/10
600312N	Delta 3/12	3	12	Metal	722	350	105	1/10



5 YEARS TOTAL WARRANTY
3 standard
2 extended

Scan each QR code to see product price and availability.

METAL CONSUMER UNITS - ZETA SERIES

Documents corresponding to the product:
Standard IEC60439-3

The metal distribution boxes have wide range of application for mounting in buildings under construction or new communal objects, offices, shops, house facilities. Inside the box, could be mounted circuit elements for protection in the electrical installation. They are made of high quality electro-galvanized steel sheet and provide proper prevention from fire. They are shock-proof as well. The box is also equipped with zero and ground terminals.

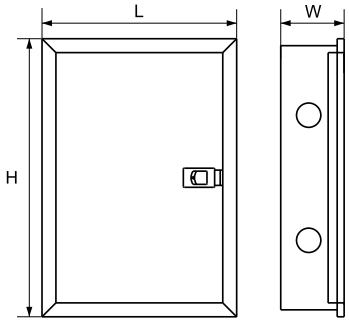
TECHNICAL DATA

- Material: High quality electro-galvanized steel sheet
- Modules: 30; 36; 45; 60; 72
- Steel thickness: 1,2mm
- Rated voltage In (A): 100A
- Mounting type: Surface
- Colour of body: White RAL7035
- Colour of door: White RAL7035
- IP code: IP40
- Fire resistance: 960°C/30s
- Humidity: Max.95%
- Storage temperature: -40+75°C
- Specification: CE, ROHS, EIC60439-3





Zero and ground terminals included



METAL CONSUMER UNIT ENCLOSURES, ZETA SERIES

Catalogue number	Type	Number of ways	Number of rows	Material	Dimensions (mm)		
					L	H	W
55030	Zeta 30	30	2	Metal	428	428	110
55036	Zeta 36	36	2	Metal	482	428	110
55045	Zeta 45	45	3	Metal	428	578	110
55060	Zeta 60	60	4	Metal	428	728	110
55072	Zeta 72	72	4	Metal	482	728	110

5 YEARS TOTAL WARRANTY
3 standard + 2 extended

Scan each QR code to see product price and availability.

METAL DISTRIBUTION BOARDS JXF SERIES, IP65

Documents corresponding to the product:
Standard EN 62208;
EN 60439-1; EN 60 439-3

Supplied with a special lock, metal plate for fixing of electrical devices, lid for the input-output conductors, grounded dowel pin, gaskets, etc. Option to change the opening direction. Made of single steel sheet, treated with decorative powder coating.

TECHNICAL DATA

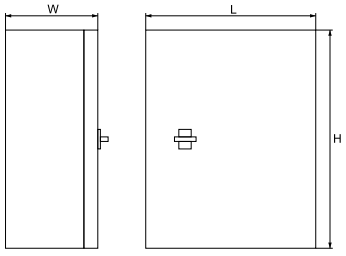
- Rated voltage: up to 1000V
- Maximum current: up to 1250A
- Material: steel
- Mounting plate: Galvanized
- RAL 7032
- Coating: powder style painting
- IP code: IP 65

MOUNTING

- Vertically on flat surface







Catalogue number	Type	Thickness of metal sheet (mm)	Nominal working current In (A)	Dimensions (mm)			Packing/ Box
				L	H	W	
53025	JXF 25/25/15	1.0	80	250	250	150	1
53026	JXF 25/30/15	1.0	100	300	250	150	1
53030	JXF 30/25/15	1.0	100	250	300	150	1
53031	JXF 30/40/20	1.0	160	400	300	200	1
53040	JXF 40/30/20	1.0	160	300	400	200	1
53041	JXF 40/50/20	1.2	250	500	400	200	1
53044	JXF 40/40/20	1.2	250	400	400	200	1
53050	JXF 50/40/20	1.2	250	400	500	200	1
53051	JXF 40/60/20	1.2	250	600	400	200	1
53060	JXF 60/40/20	1.2	250	400	600	200	1
53066	JXF 60/60/20	1.2	250	600	600	200	1
53070	JXF 70/50/20	1.2	350	500	700	200	1
53080	JXF 80/60/25	1.5	400	600	800	250	1
53100	JXF 100/80/30	1.5	630	800	1000	300	1
53120	JXF 120/80/30	1.5	630	800	1200	300	1
53140	JXF 140/80/30	1.5	800	800	1400	300	1
53188	JXF 180/80/30	1.5	1000	800	1800	300	1
53180	JXF 180/100/30*	1.5	1250	1000	1800	300	1

*Note: *Metal boxes with double door*

5 YEARS TOTAL WARRANTY
3 standard + 2 extended

5 YEARS TOTAL WARRANTY
3 standard
2 extended

ELMARK
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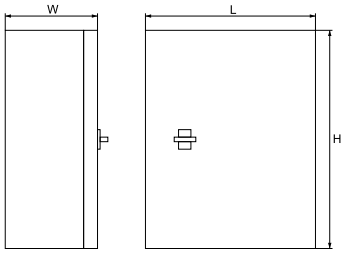
STAINLESS STEEL METAL BOARDS SXF SERIES

Documents corresponding to the product:
Standard EN 62 208;
EN 60439-1; EN 60 439-3

Supplied with a special lock, metal plate for fixing of electrical devices, lid for the input-output conductors, grounded dowel pin, gaskets, etc. Option to change the opening direction. Made of single stainless steel sheet.
The mounting plate is treated with anti-corrosion and decorative powder coating. They are used in case of special requirements regarding the exposure of corrosion.







TECHNICAL DATA

- Rated voltage: up to 1000V
- Maximum current: up to 800A
- Material: stainless steel
- IP code: IP 65

MOUNTING

- Vertically on flat surface

Catalogue number	Type	Thickness of metal sheet (mm)	Dimensions (mm)			Packing / Box
			L	H	W	
54025	SXF 25/25/15	1.0	250	250	150	1
54030	SXF 30/25/15	1.0	250	300	150	1
54040	SXF 40/30/20	1.0	300	400	200	1
54050	SXF 50/40/20	1.2	400	500	200	1
54060	SXF 60/40/20	1.2	400	600	200	1
54070	SXF 70/50/20	1.2	500	700	200	1
54080	SXF 80/60/25	1.5	600	800	250	1
54100	SXF 100/80/30	1.5	800	1000	300	1
54120	SXF 120/80/30	1.5	800	1200	300	1

Scan each QR code to see product price and availability.

ELECTRIC SWITCHBOARDS WITH TYPE-APPROVAL CERTIFICATES

Documents corresponding to the product:
Standard EN 60439-1;
EN 60 439-3

The company has produced and successfully passed the type-approval procedures for the following metal and plastic electric control boxes and boards with ELMARK automation:
- Tower Mounted Switchgear
- Low Voltage Meter Box
- Low Voltage Main Switchboard
- Distribution Switchboard
- Power Compensation System



Low Voltage Meter Box Type TEPO





Low Voltage Main Switchboard Type GRT



Tower Mounted Switchgear Type MTT





Power Compensation System Type CCU



Distribution Switchboard Type KRSH





5 YEARS TOTAL WARRANTY
+ 3 standard
2 extended

Scan each QR code to see product price and availability.

3 YEARS TOTAL WARRANTY
3 standard
+ 0 extended

PLASTIC DISTRIBUTION BOXES FOR SURFACE AND FLUSH MOUNTING, IP40

Documents corresponding to the product:
Standard EN 60670-24



PLASTIC DISTRIBUTION BOXES FOR SURFACE MOUNTING MINI SERIES, IP40

Catalogue number	Type	Number of rows	Module capacity (number of devices)	Dimensions (mm)			Packing/ Box
				L	H	W	
60106	Mini 1	1	1	40	150	65	1/120
60107	Mini 2	1	2	55	150	65	1/84
60108	Mini 4	1	4	95	150	65	1/48

Documents corresponding to the product:
Standard EN 60670-24



PLASTIC DISTRIBUTION BOXES FOR FLUSH MOUNTING ATTIS SERIES, IP40

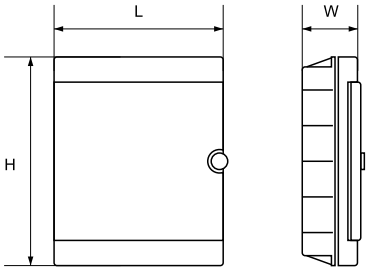
The distribution boxes are designed for mounting in newly built buildings or buildings in reconstruction. They are a module box with mounted protective devices of the given flats electrical current circuit circles. They are supplied with transparent door for each row opening upwards to 90°. They are made of white self-extinguishing plastic, resistant to heat and high temperature with IP code: IP 40. The mounted device in the box is protected from direct contact to the current leading parts. They are offered with DIN-rail for device mounting and terminal strips for the neutral and earthing conductor joining. Mounted directly on the walls with screws.

TECHNICAL DATA

- Maximum insulation voltage: 690V; 50Hz
- Door colour: Transparent
- Mounting type: Surface;Flush
- Number of modules: 6; 9; 12; 16; 24; 36
- IP code: IP40
- Number of rows:
  - Single row for 6, 9, 12 and 16 modules
  - Double rows for 16; 24 and 36 modules
- Material: ABS for body and PC for door
- Fire resistance: 360°C/30s



Catalogue number	Type	Number of rows	Module capacity (number of devices)	Dimensions (mm)			Packing/ Box
				L	H	W	
60026	Attis 6	1	6	185	140	90	1/30
60096	Attis 9	1	9	220	164	90	1/20
60126	Attis 12	1	12	305	205	90	1/16
60166	Attis 16	1	16	355	220	90	1/16
60176	Attis 16	2	16	231	285	90	1/16
60246	Attis 24	2	24	313	345	96	1/8
60366	Attis 36	3	36	315	440	96	1/5



Scan each QR code to see product price and availability.

PLASTIC DISTRIBUTION BOXES FOR SURFACE AND FLUSH MOUNTING PDB1 SERIES, IP40

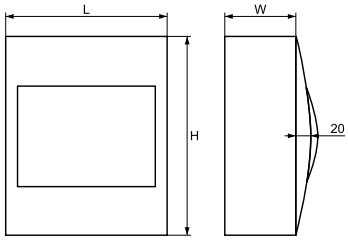


The distribution boxes are designed for mounting in newly built buildings or buildings in reconstruction. They are a module box with mounted protective devices of the given flats electrical current circuit circles. They are supplied with transparent door for each row opening upwards to 90°. They are made of white self-extinguishing plastic, resistant to heat and high temperature with IP rate IP 40. The mounted device in the box is protected from direct contact to the current leading parts. They are offered with DIN-rail for device mounting and terminal strips for the neutral and earthing conductor joining. Mounted directly on the walls with screws.

TECHNICAL DATA

- Maximum insulation voltage: 690V; 50Hz
- fire resistance rate: UL 94
- IP code: IP 40
- Class of current limiting: 2

BOXES FOR SURFACE MOUNTING, PDB1 SERIES, IP40

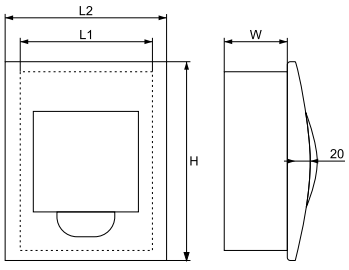


Catalogue number	Type	Number of rows	Module capacity (number of devices)	Dimensions (mm)			Packing/ Box
				L	H	W	
60040	PDB1 4	1	4	110	205	75	1/20
60060	PDB1 6	1	6	150	205	75	1/20
60080	PDB1 8	1	8	190	205	75	1/20
60120	PDB1 12	1	12	260	205	75	1/10
60180	PDB1 18	1	18	365	220	75	1/10
60240	PDB1 24	2	24	270	330	75	1/10

BOXES FOR FLUSH MOUNTING, PDB1 SERIES, IP40



Catalogue number	Type	Number of rows	Module capacity (number of devices)	Dimensions (mm)			Packing / Box
				L	H	W	
60041	PDB1 4	1	4	110	205	75	1/20
60061	PDB1 6	1	6	150	205	75	1/20
60081	PDB1 8	1	8	190	205	75	1/20
60121	PDB1 12	1	12	260	205	75	1/10
60181	PDB1 18	1	18	365	220	75	1/10
60241	PDB1 24	2	24	270	330	75	1/10



5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
5 standard
0 extended

FLUSH MOUNTING MODULARE ENCLOSURES SERIES 630



FLUSH MOUNTING MODULARE ENCLOSURES- SOLID WHITE DOOR SERIES 630

MAIN TECHNICAL FEATURES

- Box material: Shock resistant orange polystyrene.
- Door material: White ABS
- Reversible door
- Self-adhesive label for circuit indentification
- Blank plastic plate for unused modules
- Colour: White RAL 9001
- IP degree: IP40
- Possibility to install the safety lock

PRODUCED FOR ELMARK IN ITALY

Catalogue number	Number of rows	Module capacity (number of devices)	Terminal block holes	Dimensions (mm)			Packing/ Box
				L	H	W	
EC63024CE	2	24 (2x12)	1x(2x12)	320	388	80	1
EC63036CE	2	36 (2x18)	2x(3x12)	430	410	80	1
EC63054CE	3	54 (3x18)	2x(4x12)	430	618	80	1
EC63072CE	4	72 (4x18)	2x(4x12)	450	853	95	1



Safety lock item: EC600SC



FLUSH MOUNTING MODULARE ENCLOSURES BLACK SERIES 630

MAIN TECHNICAL FEATURES

- Box material: Shock resistant orange polystyrene.
- Door material: Smoky grey polycarbonate
- Reversible door
- Self-adhesive label for circuit indentification
- Blank plastic plate for unused modules
- Colour: Black
- IP degree: IP40

PRODUCED FOR ELMARK IN ITALY

Catalogue number	Number of rows	Module capacity (number of devices)	Terminal block holes	Dimensions (mm)			Packing/ Box
				L	H	W	
EC63024NE	2	24 (2x12)	1x(2x12)	320	388	80	1
EC63036NE	2	36 (2x18)	2x(3x12)	430	410	80	1
EC63054NE	3	54 (3x18)	2x(4x12)	430	618	80	1
EC63072NE	4	72 (4x18)	2x(4x12)	450	853	95	1



Safety lock item: EC600SC

Scan each QR code to see product price and availability.

PLASTIC DISTRIBUTION BOXES FOR SURFACE AND FLUSH MOUNTING IP40, BLUE SERIES

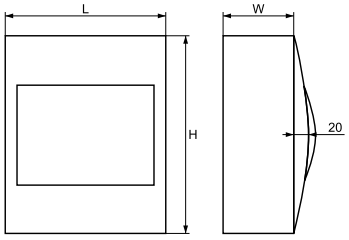
Documents corresponding to the product:
Standard EN 62 208;
EN 60439-1; EN 60 439-3

The distribution boxes are designed for mounting in newly built buildings or buildings in reconstruction. They are a module box with mounted protective devices of the given flats electrical current circuit circles. They are supplied with transparent door for each row opening upwards to 90°. They are made of white self-extinguishing plastic, resistant to heat and high temperature with IP rate IP 40. The mounted device in the box is protected from direct contact to the current leading parts. They are offered with DIN-rail for device mounting and terminal strips for the neutral and earthing conductor joining. Mounted directly on the walls with screws.



TECHNICAL DATA

- Door colour: Transparent blue
- Mounting type: Surface;Flush
- Number of modules: 12; 18; 24; 28; 36
- IP code: IP40
- Number of rows:
  - Single row for 12 and 18 modules
  - Double rows for 24; 28 and 36 modules
- Material: ABS for body and PC for door
- Fire resistance: 650°C/30s
- Ambient temperature(°C): -5 +65°C, max. 95% humidity
- Colour: White RAL 9003
- Storage temperature(°C): -40 +75°C



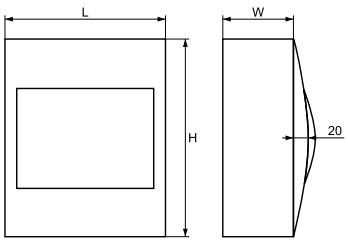
BOXES FOR SURFACE MOUNTING, BLUE SERIES

Catalogue number	Type	Number of rows	Module capacity (number of devices)	Dimensions (mm)			Packing/ Box
				L	H	W	
60122	Blue 12	1	12	300	204	102	1/10
60182	Blue 18	1	18	410	204	102	1/10
60242	Blue 24	2	24	300	294	109	1/5
60362	Blue 36	2	36	410	294	109	1/5



BOXES FOR FLUSH MOUNTING, BLUE SERIES

Catalogue number	Type	Number of rows	Module capacity (number of devices)	Dimensions (mm)			Packing/ Box
				L	H	W	
60123	Blue 12	1	12	317	220	102	1/10
60183	Blue 18	1	18	426	220	102	1/10
60243	Blue 24	2	24	317	310	109	1/5
60363	Blue 36	2	36	426	310	109	1/5



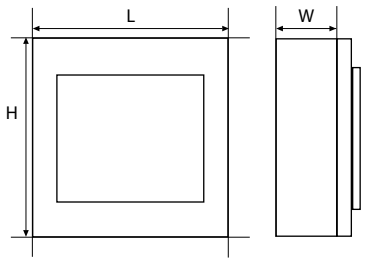
Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

MOISTURE-PROOF DISTRIBUTION BOXES FOR SURFACE MOUNTING,IP65

Documents corresponding to the product:
Standard EN 62 208;
EN 60439-1; EN 60 439-3

The distribution boxes are designed for mounting in newly built buildings or buildings in reconstruction. They are a module box with mounted protective devices of the given flats electrical installation current circles. They are supplied with transparent door for each row opening upwards to 90°. They are made of white non self-extinguishing plastic, resistant to heat and high temperature. The special design of the lids and gaskets provides IP code: IP65. The mounted device in the box is protected from indirect contact to the current leading parts. They are offered with DIN-rail for device mounting and terminal strips for the neutral and earthing conductor joining. For direct wall mounting with screws.





MOISTURE-PROOF DISTRIBUTION BOXES FOR SURFACE MOUNTING HK SERIES, IP65

TECHNICAL DATA

- Rated voltage: 1000V; 50/60Hz
- Cover material: PC
- Body material: ABS
- IP code: IP65
- Colour: RAL7035
- Mounting type: Surface
- Supplied with removable earth/neutral bar

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Catalogue number	Type	Number of rows	Module capacity (number of devices)	IP code	Dimensions (mm)			Packing/ Box
					L	H	W	
60001	ELM-HK05	1	5	65	140	100	140	1
60002	ELM-HK08	1	8	65	195	103	195	1
60003	ELM-HK12	1	12	65	270	103	195	1
60005	ELM-HK18	1	18	65	375	103	195	1



SURFACE MOUNTING MODULARE WATERPROOF ENCLOSURES SERIES 620, 1500V DC IP65

TECHNICAL DATA

- Box material: High-quality halogen free technopolymer with UV resistance
- Door material: Smoky grey polycarbonate
- Insulation nominal voltage: 1500V DC
- Internal pre-cuttings for conduit inlet or cable glands
- Self-adhesive label for circuit indentification
- Screw caps for double insulation
- Colour: Grey RAL 9001
- IP degree: IP65
- Shock resistance: IK08
- Possibility to install the safety lock

5 YEARS TOTAL WARRANTY
+ 5 standard 0 extended

HALOGEN FREE

PRODUCED FOR ELMARK IN ITALY

Catalogue number	Number of rows	Module capacity (number of devices)	Terminal block holes	Dimensions (mm)			Packing/ Box
				L	H	W	
EC62008E	1	8 (1x8)	1x8	200	180	100	1/14
EC62012E	1	12 (1x12)	1x(1x12)	280	220	100	1/8
EC62018E	1	18 (1x18)	1x(1x12)	400	265	140	1
EC62024E	2	24 (2x12)	1x(2x12)	290	390	140	1
EC62036E	2	36 (2x18)	2x(3x12)	400	400	140	1
EC62054E	3	54 (3x18)	2x(4x12)	400	600	140	1
EC62072E	4	72 (4x18)	2x(4x12)	420	885	150	1



Safety lock item: EC600SC

Scan each QR code to see product price and availability.

SURFACE MOUNTING ASSEMBLED PV DISTRIBUTION BOARDS, IP65



1 x EC62008E



1 x 64311



1x 41268



1 x 10RT1832



2 x 10G103820



4 x 411079/MF

SURFACE MOUNTING ASSEMBLED PV DISTRIBUTION BOARD FOR 1 STRING 1500V DC, SET

TECHNICAL DATA

- Box material: High-quality halogen free technopolymer with UV resistance
- Box module capacity: 8
- Box insulation nominal voltage: 1500V DC
- Colour: Grey RAL 9001
- IP degree: IP65
- Shock resistance: IK08
- SPD Total Discharge Current I total (10/350 µs): 12.5kA
- SPD nominal discharge current In (8/20µs): 20kA
- SPD maximum discharge current Imax (8/20µs): 40kA
- MCB breaking capacity: 6kA
- MCB and fuse links rated voltage: 500V

SET INCLUDE

- Halogen free UV resistance enclosure IP65 IK8: 1 x EC62008E
- SPD 3P type T1+T2 1500V DC 12.5kA: 1x 64311
- MCB 2P 20A 500V curve C: 1 x 41268
- Switch disconnector 2P 32A: 1 x 10RT1832
- Fuse links 20A: 2 x 10G103820
- MC4 connectors 1500V 4-6mm2 male/female- 4 x 411079/MF

HALOGEN FREE

Catalogue number	Number of PV string	Plug connection	IP code	Dimensions (mm)			Packing/ Box
				W	H	D	
EC62008E1PV	1	MC4	65	200	180	100	1

Possibility to lock with item: EC600SC



SURFACE MOUNTING ASSEMBLED PV DISTRIBUTION BOARD FOR 2 STRINGS 1500V DC, SET



1 x EC62012E



2 x 64311



2x 41268



2 x 10RT1832



4 x 10G103820



8 x 411079/MF

TECHNICAL DATA

- Box material: High-quality halogen free technopolymer with UV resistance
- Box module capacity: 12
- Box insulation nominal voltage: 1500V DC
- Colour: Grey RAL 9001
- IP degree: IP65
- Shock resistance: IK08
- SPD Total Discharge Current I total (10/350 µs): 12.5kA
- SPD nominal discharge current In (8/20µs): 20kA
- SPD maximum discharge current Imax (8/20µs): 40kA
- MCB breaking capacity: 6kA
- MCB and fuse links rated voltage: 500V

SET INCLUDE

- Halogen free UV resistance enclosure IP65 IK8: 1 x EC62012E
- SPD 3P type T1+T2 1500V DC 12.5kA: 2x 64311
- MCB 2P 20A 500V curve C: 2 x 41268
- Switch disconnector 2P 32A: 2 x 10RT1832
- Fuse links 20A: 4 x 10G103820
- MC4 connectors 1500V 4-6mm2 male/female- 8 x 411079/MF

HALOGEN FREE

Catalogue number	Number of PV string	Plug connection	IP code	Dimensions (mm)			Packing/ Box
				W	H	D	
EC62012E2PV	2	MC4	65	280	220	100	1

Possibility to lock with item: EC600SC



5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

SURFACE MOUNTING ASSEMBLED PV DISTRIBITION BOARDS, IP65



1 x 60002



1 x 64210



1x 41268



1 x 10RT1832



2 x 10G103820



4 x 411079/MF

SURFACE MOUNTING ASSEMBLED PV DISTRIBITION BOARD FOR 1 STRING, SET

TECHNICAL DATA

- Box material: ABS
- Cover material: PC
- Box module capacity: 8
- Box insulation nominal voltage: 1000V
- Colour: RAL 7035
- IP degree: IP65
- SPD nominal discharge current In (8/20μs): 20kA
- SPD maximum discharge current Imax (8/20μs): 40kA
- MCB breacking capacity: 6kA
- MCB and fuse links rated voltage: 500V

THE SET INCLUDES

- ABS enclosure IP65: 1 x 60002
- SPD 2P type 2 1000V DC: 1x 64210
- MCB 2P 20A 500V curve C: 1 x 41268
- Swich disconnector 2P 32A: 1 x 10RT1832
- Fuse links 20A: 2 x 10G103820
- MC4 connectors 1500V 4-6mm2 male/fimale- 4 x 411079/MF

Catalogue number	Number of PV string	Plug connection	Dimensions (mm)			Packing/ Box
			W	H	D	
600021PV	1	MC4	195	103	195	1



2 x 60003



2 x 64210



2x 41268



2 x 10RT183



4 x 10G103820



8 x 411079/MF

SURFACE MOUNTING ASSEMBLED PV DISTRIBITION BOARD FOR 2 STRINGS, SET

TECHNICAL DATA

- Box material: ABS
- Cover material: PC
- Box module capacity: 12
- Box insulation nominal voltage: 1000V
- Colour: RAL 7035
- IP degree: IP65
- SPD nominal discharge current In (8/20μs): 20kA
- SPD maximum discharge current Imax (8/20μs): 40kA
- MCB breacking capacity: 6kA
- MCB and fuse links rated voltage: 500V

THE SET INCLUDES

- ABS enclosure IP65: 1 x 60003
- SPD 2P type 2 1000V DC: 2 x 64210
- MCB 2P 20A 500V curve C: 2 x 41268
- Swich disconnector 2P 32A: 2 x 10RT1832
- Fuse links 20A: 4 x 10G103820
- MC4 connectors 1500V 4-6mm2 male/fimale- 8 x 411079/MF

Catalogue number	Number of PV string	Plug connection	Dimensions (mm)			Packing/ Box
			W	H	D	
600032PV	2	MC4	270	103	195	1

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

POLYESTER DISTRIBUTION BOARDS EC625 SERIES, IP66





POLYESTER BOARDS WITH GREY BLANK DOOR AND METAL BACK PLATE IP66 EC625 SERIES, SET

TECHNICAL DATA

- Material: Polyester thermosetting board, self-extinguishing HB according to UL 94 Standard and halogen free
- Resistance: UV, corrosion, chemical, ingress of dust and water. IK10 shocks up to 20J
- Door open angle: 180°
- Resistance to abnormal heat: 960°C
- Temperature operating conditions: -25°C to 70°C
- Rated operating voltage: 1000VAC - 1500VDC (suitable for PV installations)
- Insulation class: II (when following the user instructions)
- IP degree: IP66
- Colour: Grey RAL 7035

IK10 | HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY

Catalogue number	Material	IP code	Board dimensions (mm)			Back plate dimensions (mm)		Packing/ Box
			W	H	D	W	H	
EC625002S	Polyester	IP66	325	430	185	264	364	1
EC625004S	Polyester	IP66	435	655	215	372	589	1
EC625005S	Polyester	IP66	545	655	265	482	589	1



POLYESTER BOARDS WITH TRANSPARENT WINDOW FRONT DOOR IP66 EC625 SERIES

TECHNICAL DATA

- Material: Polyester thermosetting board, self-extinguishing HB according to UL 94 Standard and halogen free
- Resistance: UV, corrosion, chemical, ingress of dust and water. IK10 shocks up to 20J
- Door open angle: 180°
- Resistance to abnormal heat: 650 °C for the version with transparent window front door
- Temperature operating conditions: -25°C to 70°C
- Rated operating voltage: 1000VAC - 1500VDC (suitable for PV installations)
- Insulation class: II (when following the user instructions)
- IP degree: IP66
- Colour: Grey RAL 7035

IK10 | HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY

Catalogue number	Material	IP code	Board dimensions (mm)			Packing/ Box
			W	H	D	
EC625014	Polyester	IP66	435	655	215	1
EC625015	Polyester	IP66	545	655	265	1



5 YEARS TOTAL WARRANTY
5 standard
0 extended

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

ELMARK
The Brand of Electricity

ACCESSORIES FOR POLYESTER DISTRIBUTION BOARDS EC625 SERIES



METAL BACK PLATE FOR POLYESTER BOARDS EC625 SERIES

PRODUCED FOR ELMARK IN ITALY

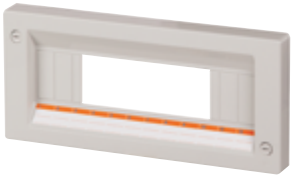
Catalogue number	Material	Suitable with board	Back plate dimensions (mm)		Packing/ Box
			W	H	
EC625034	Metal	EC625014	372	589	1
EC625035	Metal	EC625015	482	589	1



PAIR OF MODULAR FRAME UPRIGHTS FOR POLYESTER BOARDS EC625 SERIES

PRODUCED FOR ELMARK IN ITALY

Catalogue number	Suitable with board	Packing/ Box
EC625074	EC625014 / EC625015 / EC625004S / EC625005S	1 Pair



COVER MODULE WITH WINDOW

PRODUCED FOR ELMARK IN ITALY

Catalogue number	Module capacity	Suitable with board	Packing/ Box
EC625103	12	EC625014 / EC625004S	1
EC625105	18	EC625015 / EC625005S	1



BLANK COVER MODULE

PRODUCED FOR ELMARK IN ITALY

Catalogue number	Suitable with board	Back plate dimensions (mm)		Packing/ Box
		W	H	
EC625113	EC625014 / EC625004S	435	250	1
EC625115	EC625015 / EC625005S	545	250	1

Scan each QR code to see product price and availability.

BLANK COVER MODULE

PRODUCED FOR ELMARK IN ITALY



Catalogue number	Suitable with board	Back plate dimensions (mm)		Packing/ Box
		W	H	
EC625123	EC625014 / EC625004S	435	300	1
EC625125	EC625015 / EC625005S	545	300	1

DIN RAILS WITH FIXING SUPPORTS

PRODUCED FOR ELMARK IN ITALY



Catalogue number	Module capacity	Suitable with board	Length (mm)	Packing/ Box
EC625133	12	EC625014 / EC625004S	435	1
EC625135	18	EC625015 / EC625005S	545	1

BACK PLATE DEPTH ADJUST KIT

PRODUCED FOR ELMARK IN ITALY



Catalogue number	Suitable with board	Packing/ Box	Catalogue number of board	Required number of kits
EC625REG	All types	1 pair	EC625002S	2
			EC625004S	3
			EC625005S	3
			EC625014	3
			EC625015	3

MOUNTING ACCESSORIES

PRODUCED FOR ELMARK IN ITALY

Catalogue number	Description	Suitable with board	Packing/ Box
EC625SZ	Wall-mount galvanized steel brackets (4 units in kit)	All types	1 kit
EC625IO	Encapsulating brass nuts (10 units in kit)	All types	1 kit
EC625GI	Connecting joint (2 units in kit)	All types	1 kit
EC625SC	Cut lock mechanism with handle and 2 unified keys	All types	1 kit



EC625SZ



EC625IO



EC625GI

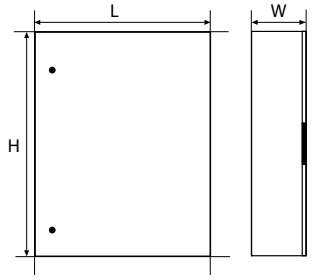


EC625SC

5 YEARS TOTAL WARRANTY
5 standard + 0 extended

Scan each QR code to see product price and availability.

PLASTIC DISTRIBUTION BOARDS, IP65



Plastic distribution boards of various sizes. Intended for extension or distribution of cable lines. Boards are made of ABS. They are resistant to chemical agents, thermal and UV rays.

TECHNICAL DATA

- Resistance: chemical agents, weak acids, alkali, oils, salts, etc.
- Rated Voltage: up to 690V
- Maximum Current: up to 800A
- Thermal Deformation: over 240°C
- Operating Temperature: -35°C + 65°C
- Material: ABS
- IP code: IP65
- Colour: RAL7035 grey
- Recyclable
- Adjustable mounting plate position

MOUNTING

- Vertically on flat surface



ABS DISTRIBUTION BOARDS CP SERIES ECONOMIC - GRAY DOOR

Catalogue number	Board Type	Material	IP code	Dimensions (mm)			Packing/ Box
				L	H	W	
5312821130	CP5001	ABS	IP65	210	280	130	1
5313525150	CP5002D	ABS	IP65	250	330	150	1
5313040165	CP5003	ABS	IP65	300	400	165	1
5313040195	CP5003D	ABS	IP65	300	400	195	1
5313550195	CP5007	ABS	IP65	350	500	192	1
5314050245	CP5004D	ABS	IP65	400	500	245	1
5314060200	CP5005	ABS	IP65	400	600	200	1



ABS DISTRIBUTION BOARDS CP SERIES- TRANSPARENT DOOR

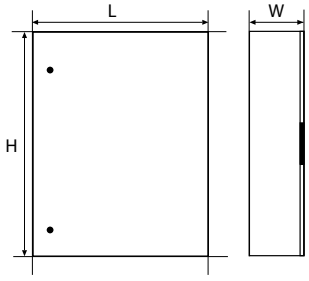
Catalogue number	Board Type	Material	IP code	Dimensions (mm)			Packing/ Box
				L	H	W	
5312128130T	CP5011	ABS	IP65	210	280	130	1
5312535150T	CP5012D	ABS	IP65	250	330	150	1
5313040165T	CP5013	ABS	IP65	300	400	165	1
5313040195T	CP5013D	ABS	IP65	300	400	195	1
5313550195T	CP5017	ABS	IP65	350	500	195	1
5314050245T	CP5014D	ABS	IP65	400	500	245	1
5314060200T	CP5015	ABS	IP65	400	600	200	1

5 YEARS TOTAL WARRANTY
3 standard + 2 extended

Scan each QR code to see product price and availability.

PLASTIC DISTRIBUTION BOARDS ABS - PP SERIES, IP65

Documents corresponding to the product:
Standard EN 60439 -1
EN 60439 -5



Plastic distribution boards of various sizes. Intended for extension or distribution of cable lines. They can also be used as meter boxes. They are resistant to chemical agents, thermal and UV rays.

TECHNICAL DATA

- Resistance: chemical agents, weak acids, alkali, oils,salts, etc.
- Rated Voltage: up to 690V
- Maximum Current: up to 800A
- Thermal Deformation: over 240°C
- Operating Temperature: -35°C + 65°C
- Colour: RAL7035 grey
- Recyclable
- Adjustable mounting plate position

MOUNTING

- Vertically on flat surface



ABS DISTRIBUTION BOARDS PP SERIES- GRAY DOOR

Catalogue number	Board Type	Material	IP code	Dimensions (mm)			Packing / Box
				L	H	W	
5312030130	PP 3001	ABS	IP65	200	300	130	1
5312535150	PP 3002	ABS	IP65	250	350	150	1
5313040170	PP 3004	ABS	IP65	300	400	170	1
5313040220	PP 3005	ABS	IP65	300	400	220	1
5313550190	PP 3006	ABS	IP65	350	500	190	1
5314050240	PP 3007	ABS	IP65	400	500	240	1
5314060190	PP 3008	ABS	IP65	400	600	200	1

Note: Open door angle 180°



ABS DISTRIBUTION MODULE BOARDS PP SERIES- TRANSPARENT DOOR

Catalogue number	Board Type	Material	IP code	Dimensions (mm)			Packing / Box
				L	H	W	
5322535150	PP 3112-18modules	ABS	IP65	250	350	150	1
5323040170	PP 3114-24modules	ABS	IP65	300	400	170	1
5323550190	PP 3116-45modules	ABS	IP65	350	500	190	1
5324060190	PP 3118-60modules	ABS	IP65	400	600	200	1

Note: Transparent door

5 YEARS TOTAL WARRANTY
3 standard
2 extended

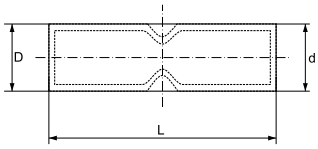
Scan each QR code to see product price and availability.

CABLE SUPPORT MATRIALS & ACCESSORIES



NON-ISOLATED CONNECTION TUBES

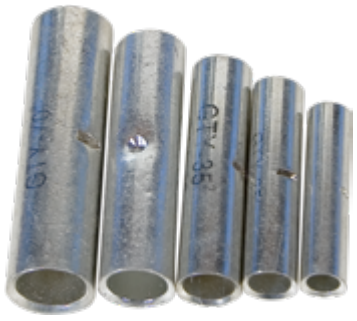
CONNECTION TUBES - GTY TYPE



Copper pipes with galvanic tin coating, used for joining of copper rigid or multicore conductors with different sections. The assembling is made by mechanical pressing with crimping tool.

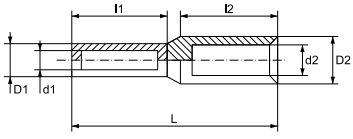
TECHNICAL DATA

- Material: copper alloy
- Coating: tin
- Application: general



Catalogue number	Type	Length L (mm)	Outer diameter D (mm)	Inner diameter d (mm)	Cable cross section (mm^2)	Packing/ Box (pcs)
59213	GTY-4	20	5	3	4	1000/16000
59201	GTY-6	25	5.3	3.7	6	500/1500/12000
59202	GTY-10	30	6.3	4.5	10	500/1500/12000
59203	GTY-16	35	7.5	5.7	16	100/200/4800
59204	GTY-25	40	9	7.2	25	100/500/2000
59205	GTY-35	45	10.8	8.5	35	100/200/1600
59206	GTY-50	50	12.5	9.8	50	20/200/1600
59207	GTY-70	55	14.5	11.5	70	10/100/800
59208	GTY-95	60	17	13.7	95	10/80/640
59209	GTY-120	65	19	15	120	10/60/480
59210	GTY-150	70	21	16.7	150	10/50/400
59211	GTY-185	75	23	18.5	185	10/40/320
59212	GTY-240	80	26	21	240	10/30/240

BIMETALLIC CONNECTION TUBE - GTL TYPE



Pipes made of two metals – copper and alumnum without galvanic coating. They are designed for joining copper and alumnum conductors – rigid or multicore conductors with different section. The connection is accomplished through crimping pliers, through mechanical pressing of the butt terminals and the conductor. They are used for protection against electrochemical corrosion got at two metals contact with different chemical properties and conductivity at electrical current feed. They are manufactured under modern technology and have high quality and long exploitation period.

TECHNICAL DATA

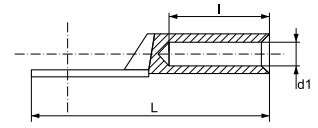
- Material: copper aluminum alloy
- Coating: none
- Application: general for joining of two types of conductors

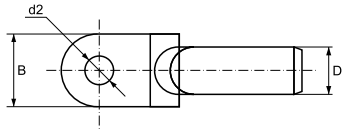


Catalogue number	Type	D1	d2	D2	L	Packing/Box(pcs)
59214	GTL-16	9	6	10	69	20/200/1200
59215	GTL-25	10	6.8	11	71	20/400/1500
59216	GTL-35	11	8	13	79	20/300/1000
59217	GTL-50	12	8.5	15	83	20/800
59218	GTL-70	14	10	18	93	10/600
59219	GTL-95	16	12	20	102	10/500
59220	GTL-120	19	14	23	113	10/400
59221	GTL-150	21	15	24	117	10/350
59222	GTL-185	23	17	27	123	10/300
59223	GTL-240	25	19	30	129	10/200

Scan each QR code to see product price and availability.

NON-ISOLATED CONNECTION TUBES







CABLE TERMINALS NON-ISOLATED - SC TYPE

They are used for joining copper conductors - multicore conductors with different section to electrical devices or connections to combine all cores of the conductor, to provide safe connection at tightening in terminals and safe connection at the base of the terminal. Thus the connection stability against vibrations is increased and the possibility for short circuit is decreased. They are made of copper alloy with galvanic tin coating. The connection is realized through crimping pliers, through mechanic pressing of the terminal and conductor. Two types are offered with standard length SC and extended base SC . They are manufactured under modern technology and have high quality and long exploitation period.

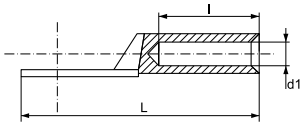
TECHNICAL DATA

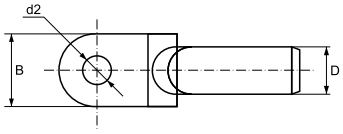
- Material: copper alloy
- Coating: tin
- Application: general for joining conductors to electrical devices.

Catalogue number	Type	d1 (mm)	D (mm)	d2 (mm)	L (mm)	Packing / Box (pcs)
59240	SC - 2.5/6	2.2	4.5	6	24	1000/3000/24000
59241	SC - 4/6	3.0	4.8	6	24	1000/2000/16000
59060	SC - 6/5	3.8	5.5	5	24	500/2000/16000
59035	SC - 6/6	3.8	5.5	6	24	500/2000/16000
59059	SC - 6/8	3.8	5.5	8	2 4	500/2000/16000
59066	SC - 6/10	3.8	5.5	10	24	500/2000/16000
59061	SC - 10/5	4.8	6.8	5	25.5	500/1500/12000
59036	SC - 10/6	4.8	6.8	6	25.5	100/1500/12000
59067	SC - 10/10	4.8	6.8	10	25.5	100/1500/12000
59037	SC - 10/8	4.8	6.8	8	25.5	500/1500/12000
59038	SC - 16/6	5.5	7.5	6	30.5	400/800/6400
59039	SC - 16/8	5.5	7.5	8	30.5	400/800/6400
59040	SC - 16/10	5.5	7.5	10	30.5	400/800/6400
59068	SC - 16/12	5.5	7.5	12	30.5	400/800/6400
59062	SC - 25/6	7	9	6	34	100/500/4000
59041	SC - 25/8	7	9	8	34	100/500/4000
59042	SC - 25/10	7	9	10	34	250/500/4000
59069	SC - 25/12	7	9	12	34	100/500/4000
59063	SC - 35/6	8.2	10.5	6	38	200/400/3200
59043	SC - 35/8	8.2	10.5	8	38	200/400/3200
59044	SC - 35/10	8.2	10.5	10	38	200/400/3200
59045	SC - 35/12	8.2	10.5	12	38	200/400/3200
59064	SC - 50/6	9.8	12.5	6	45	100/200/1600
59046	SC - 50/8	9.8	12.5	8	45	100/200/1600
59047	SC - 50/10	9.8	12.5	10	45	100/100/1600
59048	SC - 50/12	9.8	12.5	12	45	100/200/1600
59065	SC - 70/6	44.5	14.5	6	50	80/100/1280
59049	SC - 70/10	11.5	14.5	10	50	80/100/1280
59050	SC - 70/12	11.5	14.5	12	50	80/100/1280
59051	SC - 95/10	13.8	17.5	10	55.5	50/200/800
59052	SC - 95/12	13.8	17.5	12	55.5	50/200/800
59053	SC - 120/10	15.5	19.5	10	63	30/60/480
59054	SC - 120/12	15.5	19.5	12	63	30/60/480
59055	SC - 150/12	16.5	21	12	71	10/50/400
59056	SC - 185/12	18.8	23.5	12	78	10/40/320
59057	SC - 185/16	18.8	23.5	16	78	10/40/320
59058	SC - 240/16	21.3	26.5	16	92	10/30/240

Scan each QR code to see product price and availability.

NON-ISOLATED CABLE TERMINALS







BIMETALIC NON-ISOLATED CABLE TERMINALS FOR CRIMPING DTL

They are used for joining aluminum conductors - multicore conductors with different section to electrical devices or connections to combine all cores of the conductor, to provide safe connection at tightening in terminals and safe connection at the base of the terminal. Thus the connection stability against vibrations is increased and the possibility for short circuit is decreased. They are made of copper and aluminum alloys as in the aluminum billet is made under special technology the copper terminal formed like an ear. The connection is realized through crimping pliers, through mechanic pressing of the terminal and conductor.

TECHNICAL DATA

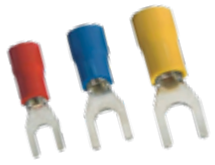
- Material: copper aluminum;
- Application: general for joining conductors to electrical devices.

Catalogue number	Type	d1 (mm)	D (mm)	d2 (mm)	L (mm)	l (mm)	B (mm)	Packing / Box (pcs)
59224	DTL - 1 - 16	6	11	8	70	30	16	20 /200 /1440
59225	DTL - 1 - 25	7	12	8	75	34	18	20 /180 /1080
59226	DTL - 1 - 35	8.5	14	10	85	38	20.5	20 /100 /600
59227	DTL - 1 - 50	9.8	16	10	90	40	23	20 /70 /420
59228	DTL - 1 - 70	11.5	18	12	102	48	26	10 /60 /360
59229	DTL - 1 - 95	13.5	21	12	112	50	28	10 /40 /180
59230	DTL - 1 - 120	15	23	14	120	53	30	10 /30 /120
59231	DTL - 1 - 150	16.5	25	14	126	56	34	5 /25 /120
59232	DTL - 1 - 185	18.5	27	16	133	58	37	5 /20 /120
59233	DTL - 1 - 240	21	30	16	140	60	40	4 /12 /72

Scan each QR code to see product price and availability.

ISOLATED CABLE TERMINALS

COPPER CABLE WIRE FORK TERMINAL CONNECTOR



Catalogue number	Type	Length (mm)	Colour	Conductor (mm^2)	Packing (pcs.)	Packing / Box (pcs.)
59080	SVS1.25-4	21.2	Red	0.5-1.0	100	10/240
59081	SVS1.25-5	21.2	Red	0.5-1.0	100	15/180
59082	SVS1.25-6	21.2	Red	0.5-1.0	100	15/180
59083	SVS 2-4	21.0	Blue	1.5-2.5	100	15/180
59084	SVS 2-5	22.5	Blue	1.5-2.5	100	15/180
59085	SVS 2-6	27.6	Blue	1.5-2.5	100	10/120
59086	SVS 5.5-4	24.5	Yellow	4.0-6.0	100	5/60
59087	SVS 5.5-5	27.9	Yellow	4.0-6.0	100	5/60
59088	SVS 5.5-6	27.9	Yellow	4.0-6.0	100	5/60

ISOLATED CABLE TERMINALS - CHS TYPE



Catalogue number	Type	Length (mm)	Conductor (mm^2)	Packing / Box (pcs.)	Packing / Box (pcs.)
59115	CHS3	18.1	0.25-1.5	100	250
59116	CHS4	20.1	1.5-2.5	100	200
59117	CHS5	25.5	4.0-6.0	100	200
59118	CHS6	27.3	8.0	100	100

ISOLATED CABLE JOINTS



Metal pipes with outside PVC insulation. They are used for joining/extending multicore conductors with section up to $6mm^2$. It increases the connection stability against vibrations and decreases the possibility for short circuit. The connection is realized through crimping pliers, through mechanic pressing of the terminal and conductor. The different insulation colour corresponds to different conductor sections.

TECHNICAL DATA

- Material: copper alloy
- Coating: polyvinylchloride
- Application: general for joining of copper conductors

Catalogue number	Type	Length (mm)	Colour	Conductor (mm^2)	Packing (pcs.)	Packing / Box (pcs.)
59015	PVT 1.25	16	Red	0.5-1.0	100	15/300
59001	BV 1.25	25	Red	0.5-1.0	100	10/120
59034	PVT 2	16	Blue	1.5-2.5	100	15/300
59002	BV 2	25	Blue	1.5-2.5	100	10/60
59014	PVT 5.5	20	Yellow	4.0-6.0	100	5/60
59003	BV 5.5	25	Yellow	4.0-6.0	100	5/60

Scan each QR code to see product price and availability.

ISOLATED CABLE TERMINALS - MDD/FDD TYPES



They represent a cable terminal made of brass alloy with galvanic tin coating and insulated with polyvinyl chloride. They are used as non-insulated terminals, as the insulated part protects the cores from bending and breaking in the joining point and at the same time it protects the staff from direct contact to the current - carrying parts. They are used for conductors with section up to 6 mm. The connection is realized through crimping pliers, through mechanic pressing of the terminal and cable. The different insulation colour corresponds to different conductor sections. They are manufactured under modern technology and have high quality and long exploitation period. All insulated cable terminals are being offered in 100 pcs. packing

TECHNICAL DATA

- Material: copper alloy
- Coating: polyvinyl chloride
- Application: general for joining copper conductors
- Ambient temperature: -10 to +75°C

Catalogue number	Type	Shape	Colour	Conductor (mm^2)	Packing (pcs.)	Packing / Box (pcs.)
59012	MDD 1.25 - 187	Male	Red	0.5-1.0	100	10 / 240
59009	MDD 1.25 - 250	Male	Red	0.5-1.0	100	10 / 240
59013	MDD 2 - 187	Male	Blue	1.5-2.5	100	10 / 240
59011	MDD 2 - 250	Male	Blue	1.5-2.5	100	10 / 180
59010	MDD 5.5 - 250	Male	Yellow	4.0-6.0	100	10 / 120
59008	FDD 1.25 - 187	Female	Red	0.5-1.0	100	20 / 240
59006	FDD 1.25 - 250	Female	Red	0.5-1.0	100	15 / 180
59007	FDD 2 - 187	Female	Blue	1.5-2.5	100	20 / 240
59004	FDD 2 - 250	Female	Blue	1.5-2.5	100	10 / 180
59005	FDD 5.5 - 250	Female	Yellow	4.0-6.0	100	10 / 120

ISOLATED CABLE TERMINALS - E TYPE



Catalogue number	Type	Colour	Terminal length (mm)	Conductor (mm^2)	Packing (pcs.)	Packing/ Box (pcs.)
59023	E0508	White	8	0.5	100	50/600
59024	E7508	Blue	8	0.75	100	50/600
59025	E1008	Red	8	1.0	100	50/600
59026	E1510	Black	10	1.5	100	30/360
59027	E2512	Grey	12	2.5	100	30/300
59028	E4012	Orange	12	4.0	100	20/240
59029	E6018	Green	18	6.0	100	5/120
59030	E10-18	Dark green	18	10	100	8/96
59031	E16-18	Milky yellow	18	16	100	6/60
59032	E25-16	Black	16	25	100	5/36
59033	E35-25	Grey-yellow	25	35	100	2/24

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

TWIN ISOLATED CABLE TERMINALS- TE TYPE



Catalogue number	Type	Colour	Terminal length (mm)	Conductor (mm^2)	Packing (pcs.)	Packing / Box (pcs.)
59023TE	TE0508	White	8	2x0.5	100	50/600
59024TE	TE7508	Blue	8	2x0.75	100	50/600
59025TE	TE1008	Red	8	2x1.0	100	50/600
59026TE	TE1508	Black	8	2x1.5	100	30/360
59027TE	TE2510	Grey	10	2x2.5	100	30/300
59028TE	TE4010	Orange	10	2x4.0	100	20/240
59029TE	TE6014	Green	14	2x6.0	100	5/120
59030TE	TE10-14	Dark green	14	2x10.0	100	8/96
59031TE	TE16-14	Milky yellow	14	2x16.0	100	6/60

ISOLATED CABLE TERMINALS - PTV TYPE



Metal pipes with outside PVC insulation. They are used for joining/extending multicore conductors with section up to $6mm^2$. It increases the connection stability against vibrations and decreases the possibility for short circuit. The connection is realized through crimping pliers, through mechanic pressing of the terminal and conductor. The different insulation colour corresponds to different conductor sections.

TECHNICAL DATA

- Material: copper alloy
- Coating: polyvinyl chloride
- Application: general for joining of copper conductors

Catalogue number	Type	Shape	Colour	Conductor (mm^2)	Shoe width	Packing (pcs.)	Packing / Box (pcs.)
59101	PTV 1.25 - 10	Male	Red	0.25-1.0	1.9	100	20/240
59102	PTV 1.25 - 12	Male	Red	0.25-1.0	1.9	100	20/240
59103	PTV 2 - 10	Male	Blue	1.5-2.5	1.9	100	20/240
59104	PTV 2 - 12	Male	Blue	1.5-2.5	1.9	100	15/180
59105	PTV 5.5 - 13	Male	Yellow	4.0-6.0	2.9	100	8/96

ISOLATED CABLE TERMINALS - RVL TYPE



Catalogue number	Type	Size of the opening (mm)	Colour	Conductor (mm^2)	Packing (pcs.)	Packing / Box (pcs.)
59021	RVL 1.25-4	4	Red	0.5-1.0	100	20/240
59022	RVL 1.25-5	5	Red	0.5-1.0	100	15/180
59018	RVL 2-4	4	Blue	1.5-2.5	100	15/180
59019	RVL 2-5	5	Blue	1.5-2.5	100	10/120
59020	RVL 5.5-4	4	Yellow	4.0-6.0	100	8/96
59016	RV 5.5-5	5	Yellow	4.0-6.0	100	8/96
59017	RV 5.5-6	6	Yellow	4.0-6.0	100	8/96

Scan each QR code to see product price and availability.

ISOLATED CABLE TERMINALS - PBDD TYPE



Catalogue number	Type	Shape	Colour	Conductor (mm^2)	Shoe width	Packing (pcs.)	Packing/ Box (pcs.)
59106	PBDD 1.25 - 250	Male	Red	0.25-1.0	6.3	100	5/60
59107	PBDD 2 - 250	Male	Blue	1.5-2.5	6.3	100	5/60
59108	PBDD 5.5 - 250	Male	Yellow	4.0-6.0	6.3	100	5/60

ISOLATED CABLE TERMINALS - MPD TYPE



Catalogue number	Type	Shape	Colour	Conductor (mm^2)	Shoe width	Packing (pcs.)	Packing / Box (pcs.)
59109	MPD 1.25 - 156	Male	Red	0.25-1.0	6.3	100	10/240
59110	MPD 2 - 195	Male	Blue	1.5-2.5	6.3	100	10/120
59111	MPD 5.5 - 195	Male	Yellow	4.0-6.0	6.3	100	10/120

ISOLATED CABLE TERMINALS - FRD



Catalogue number	Type	Shape	Colour	Conductor (mm^2)	Packing (pcs.)	Packing / Box (pcs.)
59119	FRD 1.25 - 156	Female	Red	0.25-1.0	100	10/200
59120	FRD 2 - 195	Female	Blue	1.5-2.5	100	10/200
59121	FRD 5.5 - 195	Female	Yellow	4.0-6.0	100	10/200

ISOLATED CABLE TERMINALS - MDFN/FDFNY



Catalogue number	Type	Shape	Colour	Conductor (mm^2)	Shoe width	Packing (pcs.)	Packing / Box (pcs.)
59112	MDFN 1.0 - 250	Male	Red	0.25-1.0	4	100	5/60
59113	MDFN 2 - 250	Male	Blue	1.5-2.5	4	100	5/60
59114	MDFN 5 - 250	Male	Yellow	4.0-6.0	5	100	4/48
59242	FDFNY 1.0 - 250	Female	Red	0.25-1.0	4	100	10/60
59243	FDFNY 2 - 250	Female	Blue	1.5-2.5	4	100	10/60
59244	FDFNY 5 - 250	Female	Yellow	4.0-6.0	5	100	10/60

Scan each QR code to see product price and availability.

CABLE TRUNKING



PLASTIC CABLE TRUNKING



PLASTIC CABLE TRUNKING CT2

Cable trunking are practical solution of organizing power and communication cables in office and residential buildings. They increase the reliability in operation of the electrical systems and allow quick adaptation if necessary to rearrange the interior. Fast and simple installation. In combination with a wide range of accessories, building irregularities are quickly overcome. Non- flammable material, easy to cut and paint.

Catalogue number	Type	Size (mm)	Length	Colour	Packing (pcs)
5621212	Plastic cable trunking CT2	12x12	2m	White	100
5621510	Plastic cable trunking CT2	15X10	2m	White	100
5621616	Plastic cable trunking CT2	16X16	2m	White	100
5622010	Plastic cable trunking CT2	20X10	2m	White	100
5622516	Plastic cable trunking CT2	25X16	2m	White	80
5623016	Plastic cable trunking CT2	30X16	2m	White	70
5622525	Plastic cable trunking CT2	25X25	2m	White	50
5624016	Plastic cable trunking CT2	40X16	2m	White	50
5624025	Plastic cable trunking CT2	40X25	2m	White	50
5624040	Plastic cable trunking CT2	40X40	2m	White	40
5626040	Plastic cable trunking CT2	60X40	2m	White	30
5626060	Plastic cable trunking CT2	60X60	2m	White	32
5628040	Plastic cable trunking CT2	80X40	2m	White	18
5628060	Plastic cable trunking CT2	80X60	2m	White	24
56210040	Plastic cable trunking CT2	100X40	2m	White	16
56210060	Plastic cable trunking CT2	100X60	2m	White	16



SWITCHES AND SOCKETS FRAMES FOR CABLE TRUNKING

Cable trunking frames are decorative solution for installation of switches and sockets on places where their normal mounting is not possible. The assembly set includes subframe and main white frame. Universal sizes, suitable for mounting of switches and sockets from different manufacturers. Single, double and triple frames are offered.

Catalogue number	Type	Used for cable trunking	Colour	Packing (pcs)
562100441	Single frame	100X40/100X60	White	20
562100442	Double frame	100X40/100X60	White	14
562100443	Triple frame	100X40/100X60	White	5

* These frames are suitable with switches and sockets CITY and RHYME series on page 416 and page 467.



CITY series switch



RHYME series socket

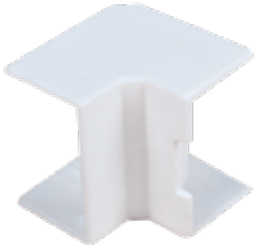
Scan each QR code to see product price and availability.

OUTSIDE CORNER



Catalogue number	Type	Used for cable trunking	Colour	Packing (pcs)
56212121	Outside corner	12x12	White	50
56215101	Outside corner	15X10	White	50
56216161	Outside corner	16X16	White	50
56225161	Outside corner	25X16	White	30
56230161	Outside corner	30X16	White	48
56225251	Outside corner	25X25	White	30
56240161	Outside corner	40X16	White	30
56240251	Outside corner	40X25	White	30
56240401	Outside corner	40X40	White	30
56260401	Outside corner	60X40	White	10
56260601	Outside corner	60X60	White	10
56280401	Outside corner	80X40	White	8
56280601	Outside corner	80X60	White	8
562100401	Outside corner	100X40	White	6
562100601	Outside corner	100X60	White	6

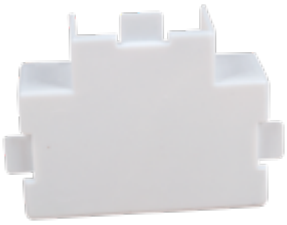
INSIDE CORNER



Catalogue number	Type	Used for cable trunking	Colour	Packing (pcs)
56212122	Inside corner	12x12	White	50
56215102	Inside corner	15X10	White	50
56216162	Inside corner	16X16	White	50
56225162	Inside corner	25X16	White	30
56230162	Inside corner	30X16	White	35
56225252	Inside corner	25X25	White	30
56240162	Inside corner	40X16	White	30
56240252	Inside corner	40X25	White	30
56240402	Inside corner	40X40	White	30
56260402	Inside corner	60X40	White	10
56260602	Inside corner	60X60	White	10
56280402	Inside corner	80X40	White	8
56280602	Inside corner	80X60	White	8
562100402	Inside corner	100X40	White	6
562100602	Inside corner	100X60	White	6

Scan each QR code to see product price and availability.

T- CORNER



Catalogue number	Type	Used for cable trunking	Colour	Packing (pcs)
56212123	T- corner	12x12	White	50
56215103	T- corner	15X10	White	50
56216163	T- corner	16X16	White	50
56225163	T- corner	25X16	White	20
56230163	T-corner	30X16	White	40
56225253	T- corner	25X25	White	20
56240163	T- corner	40X16	White	30
56240253	T- corner	40X25	White	30
56240403	T- corner	40X40	White	30
56260403	T- corner	60X40	White	16
56260603	T- corner	60X60	White	16
56280403	T- corner	80X40	White	8
56280603	T- corner	80X60	White	8
562100403	T- corner	100X40	White	8
562100603	T- corner	100X60	White	8

L- CORNER



Catalogue number	Type	Used for cable trunking	Colour	Packing (pcs)
56212124	L- corner	12x12	White	50
56215104	L- corner	15X10	White	50
56216164	L- corner	16X16	White	50
56225164	L- corner	25X16	White	30
56230164	L-corner	30X16	White	50
56225254	L- corner	25X25	White	30
56240164	L- corner	40X16	White	30
56240254	L- corner	40X25	White	30
56240404	L- corner	40X40	White	30
56260404	L- corner	60X40	White	16
56260604	L- corner	60X60	White	16
56280404	L- corner	80X40	White	12
56280604	L- corner	80X60	White	12
562100404	L- corner	100X40	White	8
562100604	L- corner	100X60	White	8

Scan each QR code to see product price and availability.

CONNECTOR



Catalogue number	Type	Used for cable trunking	Colour	Packing (pcs)
56212125	Connector	12x12	White	50
56215105	Connector	15X10	White	50
56216165	Connector	16X16	White	50
56225165	Connector	25X16	White	30
56230165	Connector	30X16	White	100
56225255	Connector	25X25	White	30
56240165	Connector	40X16	White	30
56240255	Connector	40X25	White	30
56240405	Connector	40X40	White	30
56260405	Connector	60X40	White	25
56260605	Connector	60X60	White	25
56280405	Connector	80X40	White	50
56280605	Connector	80X60	White	50
562100405	Connector	100X40	White	50
562100605	Connector	100X60	White	30

END CAP



Catalogue number	Type	Used for cable trunking	Colour	Packing (pcs)
56212126	End cap	12x12	White	50
56215106	End cap	15X10	White	50
56216166	End cap	16X16	White	50
56225166	End cap	25X16	White	50
56230166	End cap	30X16	White	100
56225256	End cap	25X25	White	50
56240166	End cap	40X16	White	30
56240256	End cap	40X25	White	30
56240406	End cap	40X40	White	30
56260406	End cap	60X40	White	50
56260606	End cap	60X60	White	50
56280406	End cap	80X40	White	60
56280606	End cap	80X60	White	60
562100406	End cap	100X40	White	50
562100606	End cap	100X60	White	50

SEPARATOR



Catalogue number	Type	Length (m)	Used for cable trunking	Colour	Packing (pcs)
56261111	Separator 40	2	100x40	White	40
56261112	Separator 60	2	100x60	White	40

Scan each QR code to see product price and availability.



ECONOMIC SERIES PLASTIC CABLE TRUNKING CT2

Catalogue number	Type	Size (mm)	Length	Colour	Packing (pcs)
5621212E	CT2 Economic	12x12	2m	White	100
5621510E	CT2 Economic	15x10	2m	White	100
5621616E	CT2 Economic	16x16	2m	White	100
5622010E	CT2 Economic	20x10	2m	White	100
5622516E	CT2 Economic	25x16	2m	White	80
5623020E	CT2 Economic	30x20	2m	White	70
5622525E	CT2 Economic	25x25	2m	White	50
5624016E	CT2 Economic	40x16	2m	White	50
5624025E	CT2 Economic	40x25	2m	White	50
5624040E	CT2 Economic	40x40	2m	White	40
5626040E	CT2 Economic	60x40	2m	White	30
5626060E	CT2 Economic	60x60	2m	White	32
5628040E	CT2 Economic	80x40	2m	White	18
5628060E	CT2 Economic	80x60	2m	White	24
56210040E	CT2 Economic	100x40	2m	White	16
56210060E	CT2 Economic	100x60	2m	White	16



PLASTIC CABLE TRUNKING SELF-ADHESIVE

Catalogue number	Type	Size (mm)	Length	Colour	Packing m/pcs
5621212A	Plastic trunking self-adhesive	12x12	2m	White	250/125
5621510A	Plastic trunking self-adhesive	15x10	2m	White	250/125
5621616A	Plastic trunking self-adhesive	16x16	2m	White	250/125
5622010A	Plastic trunking self-adhesive	20x10	2m	White	200/100
5622516A	Plastic trunking self-adhesive	25x16	2m	White	100/50
5623016A	Plastic trunking self-adhesive	30X16	2m	White	140/70
5622525A	Plastic trunking self-adhesive	25x25	2m	White	100/50
5624016A	Plastic trunking self-adhesive	40x16	2m	White	50/25
5624025A	Plastic trunking self-adhesive	40x25	2m	White	80/40
5624040A	Plastic trunking self-adhesive	40x40	2m	White	80/40



ECONOMIC SERIES PLASTIC CABLE TRUNKING SELF-ADHESIVE

Catalogue number	Type	Size (mm)	Length	Colour	Packing m/pcs
5621212AE	Self-adhesive CT2 Economic	12x12	2m	White	250/125
5621510AE	Self-adhesive CT2 Economic	15x10	2m	White	250/125
5621616AE	Self-adhesive CT2 Economic	16x16	2m	White	250/125
5622010AE	Self-adhesive CT2 Economic	20x10	2m	White	200/100
5622516AE	Self-adhesive CT2 Economic	25x16	2m	White	100/50
5623020AE	Self-adhesive CT2 Economic	30x20	2m	White	140/70
5622525AE	Self-adhesive CT2 Economic	25x25	2m	White	100/50
5624016AE	Self-adhesive CT2 Economic	40x16	2m	White	50/25
5624025AE	Self-adhesive CT2 Economic	40x25	2m	White	80/40
5624040AE	Self-adhesive CT2 Economic	40x40	2m	White	80/40

Scan each QR code to see product price and availability.



PLASTIC CABLE TRUNKING - DARK WALNUT

Catalogue number	Type	Size (mm)	Length	Colour	Packing m/pcs
5621212DW	Plastic trunking dark walnut	12x12	2m	Dark walnut	250/125
5621510DW	Plastic trunking dark walnut	15x10	2m	Dark walnut	250/125
5621616DW	Plastic trunking dark walnut	16x16	2m	Dark walnut	250/125
5622516DW	Plastic trunking dark walnut	25x16	2m	Dark walnut	150/75
5622525DW	Plastic trunking dark walnut	25x25	2m	Dark walnut	100/50
5624025DW	Plastic trunking dark walnut	40x25	2m	Dark walnut	80/40



PLASTIC CABLE TRUNKING - LIGHT BEECH

Catalogue number	Type	Size (mm)	Length	Colour	Packing m/pcs
5621212LB	Plastic trunking light beech	12x12	2m	Light beech	250/125
5621510LB	Plastic trunking light beech	15x10	2m	Light beech	250/125
5621616LB	Plastic trunking light beech	16x16	2m	Light beech	250/125
5622516LB	Plastic trunking light beech	25x16	2m	Light beech	150/75
5622525LB	Plastic trunking light beech	25x25	2m	Light beech	100/50
5624025LB	Plastic trunking light beech	40x25	2m	Light beech	80/40



PLASTIC CABLE TRUNKING - PEAR

Catalogue number	Type	Size (mm)	Length	Colour	Packing m/pcs
5621212P	Plastic trunking pear	12x12	2m	Pear	250/125
5621510P	Plastic trunking pear	15x10	2m	Pear	250/125
5621616P	Plastic trunking pear	16x16	2m	Pear	250/125
5622516P	Plastic trunking pear	25x16	2m	Pear	150/75
5622525P	Plastic trunking pear	25x25	2m	Pear	100/50
5624025P	Plastic trunking pear	40x25	2m	Pear	80/40

Scan each QR code to see product price and availability.

PLASTIC CABLE TRUNKING - BLACK



Catalogue number	Type	Size (mm)	Length	Colour	Packing m/pcs
5621212BL	Plastic trunking black	12x12	2m	Black	250/125
5621510BL	Plastic trunking black	15x10	2m	Black	250/125
5621616BL	Plastic trunking black	16x16	2m	Black	250/125
5622516BL	Plastic trunking black	25x16	2m	Black	150/75
5622525BL	Plastic trunking black	25x25	2m	Black	100/50
5624025BL	Plastic trunking black	40x25	2m	Black	80/40

PLASTIC CABLE TRUNKING - GREY



Catalogue number	Type	Size (mm)	Length	Colour	Packing m/pcs
5621212GR	Plastic trunking grey	12x12	2m	Grey	250/125
5621510GR	Plastic trunking grey	15x10	2m	Grey	250/125
5621616GR	Plastic trunking grey	16x16	2m	Grey	250/125
5622516GR	Plastic trunking grey	25x16	2m	Grey	150/75
5622525GR	Plastic trunking grey	25x25	2m	Grey	100/50
5624025GR	Plastic trunking grey	40x25	2m	Grey	80/40

SLOTTED PLASTIC CABLE TRUNKING CT2



Catalogue number	Type	Size (mm)	Length	Colour	Packing (pcs)
5622525S	Slotted plastic trunking CT2	25x25	2m	Grey	196
5622540S	Slotted plastic trunking CT2	25x40	2m	Grey	64
5624040S	Slotted plastic trunking CT2	40x40	2m	Grey	64
5624060S	Slotted plastic trunking CT2	40x60	2m	Grey	60
5626040S	Slotted plastic trunking CT2	60x40	2m	Grey	60
5626060S	Slotted plastic trunking CT2	60x60	2m	Grey	48
5628060S	Slotted plastic trunking CT2	80x60	2m	Grey	40
56210060S	Slotted plastic trunking CT2	100x60	2m	Grey	32

Scan each QR code to see product price and availability.



FLOOR TYPE PLASTIC CABLE TRUNKING CT2

Catalogue number	Type	Size (mm)	Length	Colour	Packing (pcs)
5627520F	Floor type plastic trunking CT2	75x20	2m	Grey	40
5629020F	Floor type plastic trunking CT2	90x20	2m	Grey	20



FLOOR TYPE PLASTIC CABLE TRUNKING CT2

Catalogue number	Type	Size (mm)	Length	Colour	Packing (pcs)
5625012F/WH	Floor type plastic trunking CT2	50x12	2m	White	50
5626015F/WH	Floor type plastic trunking CT2	60x15	2m	White	60
5627020F/WH	Floor type plastic trunking CT2	70x20	2m	White	25
5627520F/WH	Floor type plastic trunking CT2	75x20	2m	White	40
5629020F/WH	Floor type plastic trunking CT2	90x20	2m	White	20



CORNER TRUNKING

Catalogue number	Type	Size (mm)	Length	Colour	Packing m/pcs
5622323	Plastic cable trunking	23X23	2	White	60/120



CORNER TRUNKING ACCESSORIES

Catalogue number	Type	Used for cable trunking	Colour	Packing pcs
56223233	T- corner	23X23	White	60
56223234	L- corner	23X23	White	60
56223235	Connector	23X23	White	100
56223236	End cap	23X23	White	100



KITCHEN COUNTER CORNER CABLE TRUNKING

Catalogue number	Type	Size	Length (m)	Colour	Packing pcs
56225K	Plastic trunking	25	2	White	30

Scan each QR code to see product price and availability.



AIR CONDITIONING TRUNKING

Catalogue number	Type	Size (mm)	Length	Colour	Packing m/pcs
5627560	Plastic trunking	75x60	2	White	15/30



AIR CONDITIONING TRUNKING ACCESSORIES

Catalogue number	Type	Used for cable trunking	Colour	Packing pcs
56275601	Outside Corner	75x60	White	24
56275602	Inside Corner	75x60	White	24
56275604	L- Corner	75x60	White	18
56275605	Connector	75x60	White	40
56275606	Internal Cap	75x60	White	30
56275607	External Cap	75x60	White	18
56275608	Wall Penetration	75x60	White	
56275609	Cable Holder	75x60	White	


56275601


56275601

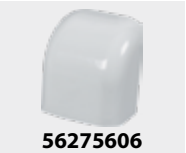

56275602


56275602


56275604


56275605


56275606


56275606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56275608

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FLEXIBLE SPIRAL CONDUIT FOR CONDENSATE DRAINING



TECHNICAL DATA

- Material: self-extinguishing rigid technopolymer
- Resistance to abnormal heat: up to 650 °C (Glow Wire Test IEC 60695-2-11 standard).
- Colour: White RAL 9001

PRODUCED FOR ELMARK IN ITALY

Catalogue number	Internal diameter (mm)	External diameter (mm)	Packing (pcs)
EC990GFE16	16	20.2	30
EC990GFE18	18	22.2	30
EC990GFE20	20	24.2	30

ARRANGEMENT BOX FOR CONDENSATE DRAINING LEFT-RIGHT ADJUSTMENT



PRODUCED FOR ELMARK IN ITALY

Catalogue number	Mounting type	Dimensions (mm)			Packing (pcs)
		L	H	D	
EC90201	Horizontal	455	100	65	1/20

PRODUCED FOR ELMARK IN ITALY

UNIVERSAL FITTING FOR CONDENSATE DRAINING CONDUITS



Catalogue number	Mounting type	Diameters (mm)	Packing (m)	Packing (pcs)
EC901Y	Y- fitting	16/18/20	30	1/20

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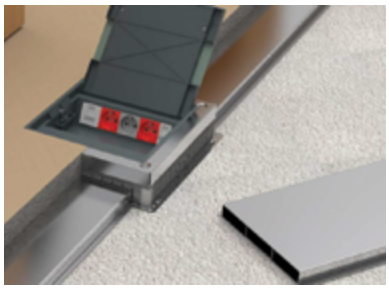
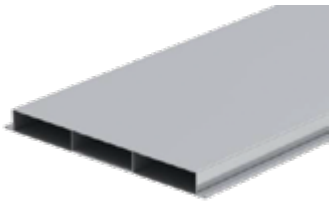
UNDERFLOOR TRUNKING SYSTEMS



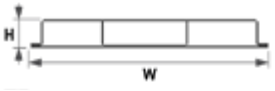
Good cable organization ensures optimal performance and simplifies subsequent maintenance of the cable system, make easy day-to-day operation, operational efficiency, optimal performance, and the facility's ability to change and grow over its lifetime.

DESCRIPTION

- Material: Pre-galvanized steel according to EN 10346:2011
- Length: 2500 mm
- Width: from 80 mm to 240 mm
- Height: 30mm
- Thickness: 1.2 mm



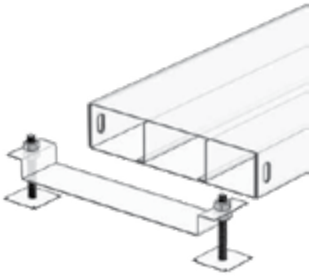
Catalogue number	Type	Dimensions (mm)			Packing pcs
		H	W	L	
57080302500	Single sector cable tray	30	80	2500	1
570160302500	Double sector cable tray	30	160	2500	1
570240302500	Three sector cable tray	30	240	2500	1



LEVEL ADJUSTMENT HOLDERS FOR CABLE UNDERFLOOR TRAYS



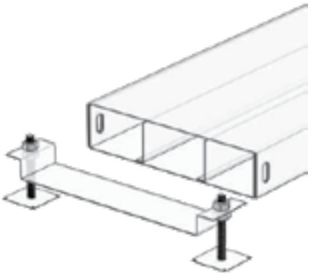
Catalogue number	Type	Dimensions (mm)		Packing pcs
		H	W	
570017	Level adj. holder for single sector cable tray	20	80	1
570018	Level adj. holder for double sector cable tray	20	160	1
570019	Level adj. holder for three sector cable tray	20	240	1



VERTICAL BEND FOR CABLE UNDERFLOOR TRAYS



Catalogue number	Type	Thickness	Base size (mm)	Packing pcs
570020	Cable tray level adjustment element	M8	40x40	1

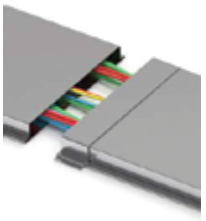


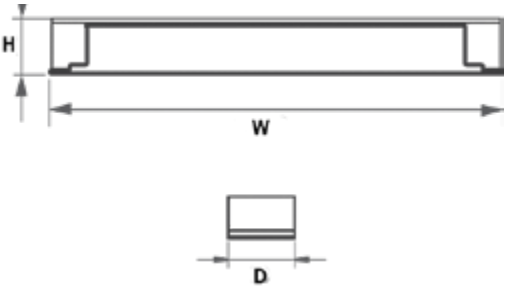
Scan each QR code to see product price and availability.

STRAIGHT CONNECTOR FOR CABLE UNDERFLOOR TRAYS



Catalogue number	Type	Dimensions (mm)			Packing pcs
		H	W	D	
570010	Connector for single sector cable tray	30	80	50	1
570011	Connector for double sector cable tray	30	160	50	1
570012	Connector for three sector cable tray	30	240	50	1

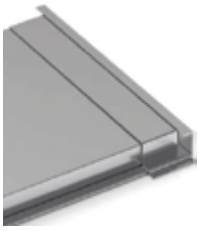


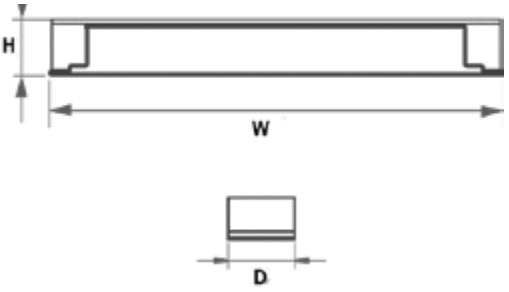


END CAP FOR CABLE UNDERFLOOR TRAYS



Catalogue number	Type	Dimensions (mm)			Packing pcs
		H	W	D	
570013	End cap for single sector cable tray	30	80	50	1
570014	End cap for double sector cable tray	30	160	50	1
570015	End cap for three sector cable tray	30	240	50	1



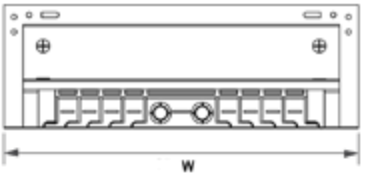


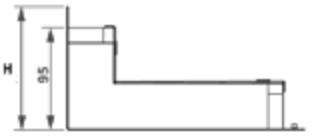
VERTICAL BEND FOR CABLE UNDERFLOOR TRAYS



Catalogue number	Type	Dimensions (mm)		Packing pcs
		H	W	
570016	Vertical bend for all sizes cable trays	120	350	1

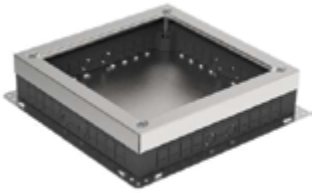




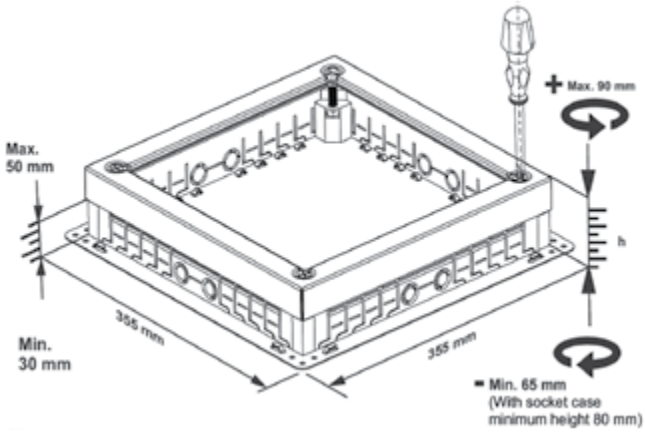


Scan each QR code to see product price and availability.

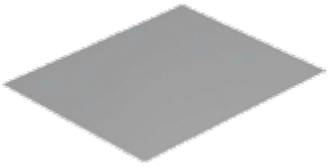
EMPTY JUNCTION BOX FOR CABLE UNDERFLOOR TRAYS



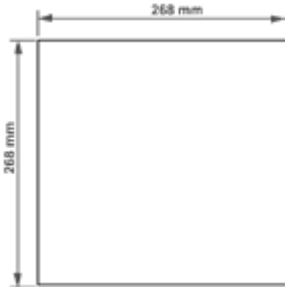
Catalogue number	Type	Dimensions (mm)			Packing pcs
		H	W	L	
570002	Empty box for all type cable tray	65	350	350	1

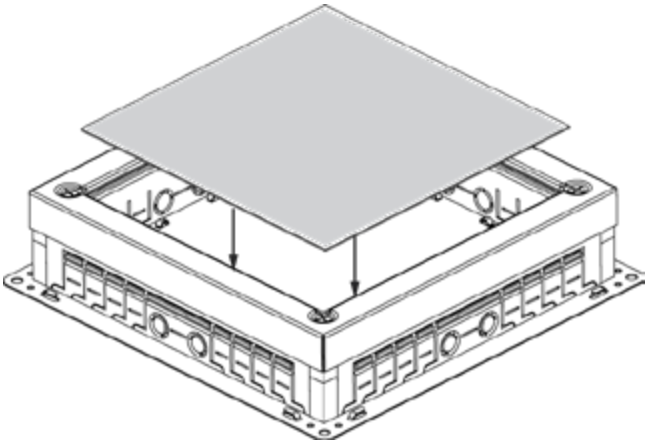


COVER PLATE FOR UNDERFLOOR JUNCTION BOX



Catalogue number	Type	Dimensions (mm)			Packing pcs
		Thickness	W	L	
570003	Cover for underfloor junction box	1.5	268	268	1





Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 3 standard
2 extended

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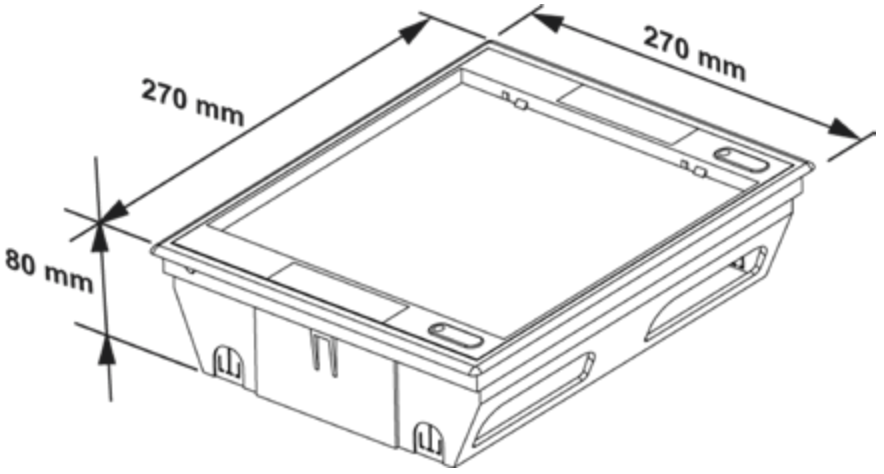
SOCKET CASE FOR UNDERFLOOR JUNCTION BOX



Catalogue number	Type	Number of modules	Dimensions (mm)			Packing pcs
			Thickness	W	L	
570001	Socket case for underfloor junction box 57002	18	1.5	268	268	1

*Socket case can be assembled with 8 modules 45x45mm and 2 modules 22x45mm.



Compatible sockets:



German type
Cat. Number: 26008G/UF



UPS socket
Cat. Number: 26008F/UF



Computer socket
Cat. Number: 26013G/UF

Scan each QR code to see product price and availability.



Scan each QR code to see product price and availability.

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INSULATING CONDUITS



FLEXIBLE DOUBLE COAT CORRUGATED PIPE

TECHNICAL DATA

- Material- HDPE;
- Compression resistance- 450 N/ 5 cm;
- Colour- red
- Minimum bending radius: 350 mm;
- Temperature assembly resistance: -5 - +60 °C;
- Halogen free

Catalogue number	Type	Inner Diameter (mm)	Outer Diameter (mm)	Packing (m)
M006017	Flexible double coat corrugated pipe	52	63	25



SPIRAL FOR CABLES

PRODUCED FOR ELMARK IN ITALY

Catalogue number	Type	Colour	Internal diameter (mm)	External diameter (mm)	Coil length (m)
500SP6T	Spiral 6x8mm	Transparent	6	8	25
500SP6B	Spiral 6x8mm	Black	6	8	25
500SP10T	Spiral 10x12mm	Transparent	10	12	25
500SP10B	Spiral 10x12mm	Black	10	12	25
500SP14T	Spiral 14x16mm	Transparent	14	16	20
500SP14B	Spiral 14x16mm	Black	14	16	20



NYLON CABLE DRAW TAPE EC

PRODUCED FOR ELMARK IN ITALY

Catalogue number	Type	Diameter (mm)	Length (m)	Colour	Packing (pcs)
500305	Nylon cable draw tape	3	5	Transparent	1/340
500315		3	15	Transparent	1/120

Scan each QR code to see product price and availability.

Documents corresponding to the products:
Standard EN 61386-1
EN61386-22; RAL- 7035

SELF-EXTINGUISHING PLIABLE CONDUITS EC

TECHNICAL DATA

- Material: technopolymer on PVC base;
- Self extinguishing V0 degree to UL94;
- Compression resistance: 320N;

PRODUCED FOR **ELMARK** IN ITALY



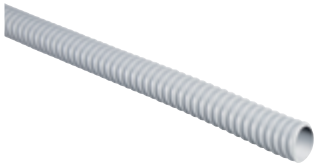
Catalogue number	Type	Inner Diameter (mm)	Outer Diameter (mm)	Packing (m)
500M16	Self-extinguishing pliable conduits	10.7	16	100
500M20	Self-extinguishing pliable conduits	14.1	20	100
500M25	Self-extinguishing pliable conduits	18.2	25	50
500M32	Self-extinguishing pliable conduits	24.3	32	25
500M40	Self-extinguishing pliable conduits	32.3	40	25
500N16	Self-extinguishing pliable conduits with draw tape	10.7	16	100
500N20	Self-extinguishing pliable conduits with draw tape	14.1	20	100
500N25	Self-extinguishing pliable conduits with draw tape	18.2	25	50
500N32	Self-extinguishing pliable conduits with draw tape	24.3	32	25
500N40	Self-extinguishing pliable conduits with draw tape	32.3	40	25

SPIRAL FLEXIBLE PVC CONDUITS- UV RAYS RESISTANT EC

TECHNICAL DATA

- Material (spiral+cover): shock resistance technopolymer on PVC base;
- Self extinguishing V0 degree to UL94;
- Compression resistance: 320N;
- Installation temperature: -15/+70°C;
- Operating temperature: -5/+65°C;
- Type: UV rays resistance.

PRODUCED FOR **ELMARK** IN ITALY



Catalogue number	Type	Inner Diameter (mm)	Outer Diameter (mm)	Packing (m)
500UV12	UV flexible PVC conduit	12	16.2	30
500UV14	UV flexible PVC conduit	14	18.2	30
500UV16	UV flexible PVC conduit	16	20.2	30
500UV20	UV flexible PVC conduit	20	24.2	30
500UV25	UV flexible PVC conduit	25	29.6	30
500UV32	UV flexible PVC conduit	32	37.2	30

PVC INSULATED STEEL SPIRALS

TECHNICAL DATA

- Material - Galvanized steel, helically wound, flexible steel conduit with PVC coating
- PVC-resistance against corrosion
- Colour- black
- Operating temperature: -5/+65



Catalogue number	Type	Inner Diameter (mm)	Outer Diameter (mm)	Packing (m)
500P11	PVC insulated steel spirals	11	15.2	50
500P14	PVC insulated steel spirals	14	18.4	50
500P16	PVC insulated steel spirals	16	20.4	50
500P18	PVC insulated steel spirals	18	22.4	50
500P26	PVC insulated steel spirals	26	30.4	25
500P37	PVC insulated steel spirals	37	42.4	25

Scan each QR code to see product price and availability.

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RED RIGID INSULATING CONDUITS AND ACCESSORIES, IP67



TECHNICAL DATA

- Material: shock-resistant technopolymer based on rigid PVC.
- Resistance to abnormal heat: up to 960 °C (Glow Wire Test IEC 60695-2-11 standard).
- Resistance to flame propagation: Self extinguishing in less than 30 seconds.
- Compression resistance: 750N
- RAL 3000
- Standard: EN 61386-1; EN 61386-21.

PRODUCED FOR ELMARK IN ITALY

Catalogue number	External diameter (mm)	Length (m)	Colour	IP degree	Packing (pcs)
ECTG1520CR	20	3	Red	IP67	34
ECTG1525CR	25	3	Red	IP67	30

WALL MOUNTING WATERPROOF EMERGENCY MODULAR ENCLOSURES





MAIN TECHNICAL FEATURES

- Safety key for door closing
- Breakable safety glass
- Self-adhesive label for circuit detection
- RAL 3000

PRODUCED FOR ELMARK IN ITALY

5 YEARS TOTAL WARRANTY
+ 5 standard 0 extended

Catalogue number	Number of rows	Module capacity	External dimensions (mm)			Packing (pcs)
			W	H	D	
EC64004	1	4	150	170	100	1/22
EC64008	1	8	200	180	100	1/14

RED SMOOTH SIDED BOXES IP67



PRODUCED FOR ELMARK IN ITALY

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

Catalogue number	External dimensions (mm)			IP degree	Packing (pcs)
	W	H	D		
EC492C4CR	110	110	60	IP67	1/90
EC492C5CR	160	115	75	IP67	1/50

RED JUNKTION BOX WITH STEPPED GLANDS IP55



PRODUCED FOR ELMARK IN ITALY

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

Catalogue number	External dimensions (mm)			IP degree	Packing (pcs)
	W	H	D		
EC491C4CR	110	110	60	IP55	1/75

Scan each QR code to see product price and availability.

RED CONDUIT-BOX PVC JOINT IP67

PRODUCED FOR ELMARK IN ITALY



Catalogue number	Type	Conduit diameter (mm)	IP degree	Packing (pcs)
EC70020CR	Conduit-box PVC joint	20	IP67	10/350
EC70025CR	Conduit-box PVC joint	25	IP67	10/200

RED CONDUIT-CONDUIT PVC JOINT IP67

PRODUCED FOR ELMARK IN ITALY



Catalogue number	Type	Used for cable conduit Ø (mm)	IP degree	Packing (pcs)
EC71020CR	Conduit-conduit PVC joint	20	IP67	25/400
EC71025CR	Conduit-conduit PVC joint	25	IP67	25/250

RED PVC BEND 90° IP67

PRODUCED FOR ELMARK IN ITALY



Catalogue number	Type	Used for cable conduit Ø (mm)	IP degree	Packing (pcs)
EC73020CR	PVC bend 90°	20	IP67	25/200
EC73025CR	PVC bend 90°	25	IP67	25/100

RED PVC CONDUIT CLIPS

PRODUCED FOR ELMARK IN ITALY



Catalogue number	Type	Used for cable conduit Ø (mm)	Packing (pcs)
ECCFC20CR	Collar clip	20	100/1000
ECCFC25CR	Collar clip	25	100/800

Scan each QR code to see product price and availability.

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HALOGEN FREE RIGID INSULATING CONDUITS & ACCESSORIES



HALOGEN FREE NON-FLAMMABLE PLIABLE CONDUITS

TECHNICAL DATA
- Material: technopolymer
- Self extinguishing
- Compression resistance: 320N

HALOGEN FREE

PRODUCED FOR ELMARK IN ITALY

Catalogue number	Type	Inner diameter (mm)	Outer diameter (mm)	Packing (m)
500M16HF	Halogen free conduit	11.2	15.7	100
500M20HF	Halogen free conduit	14.4	19.85	100
500M25HF	Halogen free conduit	19.1	27.4	50
500M32HF	Halogen free conduit	24.85	31.6	50
500M40HF	Halogen free conduit	32.3	40	25



HALOGEN FREE RIGID INSULATING CONDUITS, EC- LSZH

This series rigid insulating conduits are low-smoke, halogen-free (LSZH) electrical conduits that virtually eliminate the release of the toxic gases found in PVC products.
Current trends show increasing use of LSZH conduit, where smoke from fire presents an increased hazard to people. They are practical solution of organizing power and communication cables in office and residential buildings. They increase the reliability in operation of the electrical systems. Fast and simple installation. Non-flammable material, easy to cut and paint.

TECHNICAL DATA
- Material: Halogen free technopolymer according to EN 50267-2-1, EN 50267-1-2, EN 60754-1; EN 60754-2
- Low smoke according to EN 61034-1, EN 61034-2
- Resistance to flame propagation: Self extinguishing in less than 30 seconds.
- Compression resistance: 320N RAL 7035

HALOGEN FREE

PRODUCED FOR ELMARK IN ITALY

Catalogue number	Type	External diameter (mm)	Length (m)	Colour	IP code	Packing (pcs)
50016HF	LSZH cable conduit, with sleeve	16	3	Grey	IP40	34
50020HF	LSZH cable conduit, with sleeve	20	3	Grey	IP40	34
50025HF	LSZH cable conduit, with sleeve	25	3	Grey	IP40	20
50032HF	LSZH cable conduit, with sleeve	32	3	Grey	IP40	10
50040HF	LSZH cable conduit, with sleeve	40	3	Grey	IP40	10

Scan each QR code to see product price and availability.

ACCESSORIES FOR HALOGEN FREE RIGID INSULATING CONDUITS IP67 EC- LSZH

TECHNICAL DATA

- Material: co-moulding low emission smoke technopolymer.
- Self-extinguishing V2 degree to UL94
- Resistance to abnormal heat: up to up to 850°C
- O-ring to compensate the conduit tolerances
- RAL- 7035
- IP code: IP67

HALOGEN FREE LONG BEND 90° IP67 EC- LSZH

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY



Catalogue number	Type	Used for cable conduit Ø (mm)	IP code	Colour	Packing/ Box (pcs)
500BK16HF	Halogen free bend 90°	16	67	Grey	10/150
500BK20HF	Halogen free bend 90°	20	67	Grey	10/100
500BK25HF	Halogen free bend 90°	25	67	Grey	10/100
500BK32HF	Halogen free bend 90°	32	67	Grey	10/50
500BK40HF	Halogen free bend 90°	40	67	Grey	5/20

HALOGEN FREE COUPLING IP67 EC- LSZH

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY



Catalogue number	Type	Used for cable conduit Ø (mm)	IP code	Colour	Packing/ Box (pcs)
500C16HF	Halogen free coupling	16	67	Grey	10/250
500C20HF	Halogen free coupling	20	67	Grey	10/200
500C25HF	Halogen free coupling	25	67	Grey	10/150
500C32HF	Halogen free coupling	32	67	Grey	10/100
500C40HF	Halogen free coupling	40	67	Grey	5/50

HALOGEN FREE JOINTS TO CONNECT A RIGID CONDUIT WITH A JUNCTION BOX, IP67

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP67



Catalogue number	Type	Used for cable conduit Ø (mm)	Length (mm)	Thread length (mm)	Packing/ Box (pcs)
EC74116	Conduit-box PVC joint	16	54	13	10/350
EC74120	Conduit-box PVC joint	20	54	13	10/350
EC74125	Conduit-box PVC joint	25	54	13	10/200
EC74132	Conduit-box PVC joint	32	54	13	10/100
EC74140	Conduit-box PVC joint	40	54	17	5/80

Scan each QR code to see product price and availability.

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HALOGEN FREE JOINTS TO CONNECT A RIGID CONDUIT WITH A SPIRAL FLEXIBLE CONDUIT WITH A SAME DIAMETER, IP67

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY | IP67



Catalogue number	Type	Rigid conduit diameter (mm)	Flexible conduit diameter (mm)	Packing/ Box (pcs)
EC74216	Rigid/Flexible spiral conduits joint	16	16	10/350
EC74220	Rigid/Flexible spiral conduits joint	20	20	10/250
EC74225	Rigid/Flexible spiral conduits joint	25	25	10/200
EC74232	Rigid/Flexible spiral conduits joint	32	32	10/100
EC74240	Rigid/Flexible spiral conduits joint	40	40	5/80

HALOGEN FREE CONDUIT CLIPS- LSZH

HALOGEN FREE | PRODUCED FOR ELMARK IN ITALY



Catalogue number	Type	Used for cable conduit Ø (mm)	Colour	Packing/Box (pcs)
500CC16	Halogen free conduit clips	16	Grey	100/1500
500CC20	Halogen free conduit clips	20	Grey	100/1000
500CC25	Halogen free conduit clips	25	Grey	100/1000
500CC32	Halogen free conduit clips	32	Grey	50/800
500CC40	Halogen free conduit clips	40	Grey	50/400

Scan each QR code to see product price and availability.

PVC SELF-EXTINGUISHING RIGID INSULATING CONDUITS EC

Documents corresponding to the products:
Standard EN 61386-1
EN 61386-21

Rigid insulating conduit are practical solution of organizing power and communication cables in office and residential buildings. They increase the reliability in operation of the electrical systems. Fast and simple installation. In combination with a wide range of accessories, building irregularities are quickly overcome. Nonflammable material, easy to cut and paint.

TECHNICAL DATA

- Material - shock resistance technopolymer on rigid PVC base
- Self extinguishing V0 degree to UL94
- Compression resistance- 320N

PRODUCED FOR ELMARK IN ITALY



Catalogue number	Type	External diameter (mm)	Length (m)	Colour	IP code	Packing (pcs)
50016/2	Plastic cable conduit, with sleeve	16	2	Grey	40	34
50016	Plastic cable conduit, with sleeve	16	3	Grey	40	34
50020/2	Plastic cable conduit, with sleeve	20	2	Grey	40	34
50020	Plastic cable conduit, with sleeve	20	3	Grey	40	34
50025/2	Plastic cable conduit, with sleeve	25	2	Grey	40	20
50025	Plastic cable conduit, with sleeve	25	3	Grey	40	20
50032/2	Plastic cable conduit, with sleeve	32	2	Grey	40	10
50032	Plastic cable conduit, with sleeve	32	3	Grey	40	10
50040/2	Plastic cable conduit, with sleeve	40	2	Grey	40	10
50040	Plastic cable conduit, with sleeve	40	3	Grey	40	10

ACCESSORIES FOR PVC SELF-EXTINGUISHING RIGID INSULATING CONDUITS AND FLEXIBLE SPIRAL CONDUITS, IP 65 EC

Documents corresponding to the products:
Standard EN 61386-1
EN61386-21

TECHNICAL DATA

- Material- shock resistant technopolymer on PVC base
- Self-extinguishing V0 degree to UL94
- Glow wire test: up to 960°C
- O-ring to compensate the conduit tolerances
- RAL- 7035

PVC BEND FLEXIBLE

PRODUCED FOR ELMARK IN ITALY



Catalogue number	Type	Used for cable conduit Ø (mm)	IP code	Colour	Packing/ Box (pcs)
500FB16	PVC bend flexible	16	65	Grey	50/200
500FB20	PVC bend flexible	20	65	Grey	50/200
500FB25	PVC bend flexible	25	65	Grey	35/140
500FB32	PVC bend flexible	32	65	Grey	20/80

PVC BEND 90°

PRODUCED FOR ELMARK IN ITALY



Catalogue number	Type	Used for cable conduit Ø (mm)	IP code	Colour	Packing/ Box (pcs)
500BB16	PVC bend 90°	16	65	Grey	100/1000
500BB20	PVC bend 90°	20	65	Grey	50/600
500BB25	PVC bend 90°	25	65	Grey	25/300
500BB32	PVC bend 90°	32	65	Grey	100
500BB40	PVC bend 90°	40	65	Grey	100

Scan each QR code to see product price and availability.

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CONDUIT-CONDUIT PVC JOINT

PRODUCED FOR ELMARK IN ITALY | IP65



Catalogue number	Type	Used for cable conduit Ø (mm)	IP code	Colour	Packing/ Box (pcs)
500CM16	Conduit-conduit PVC joint	16	65	Grey	10/350
500CM20	Conduit-conduit PVC joint	20	65	Grey	10/350
500CM25	Conduit-conduit PVC joint	25	65	Grey	10/200
500CM32	Conduit-conduit PVC joint	32	65	Grey	10/100
500CM40	Conduit-conduit PVC joint	40	65	Grey	5/80

CONDUIT-BOX PVC JOINT

PRODUCED FOR ELMARK IN ITALY | IP65



Catalogue number	Type	Used for cable conduit Ø (mm)	IP code	Colour	Packing/ Box (pcs)
500CB16	Conduit-box PVC joint	16	65	Grey	10/350
500CB20	Conduit-box PVC joint	20	65	Grey	10/350
500CB25	Conduit-box PVC joint	25	65	Grey	10/200
500CB32	Conduit-box PVC joint	32	65	Grey	10/100
500CB40	Conduit-box PVC joint	40	65	Grey	5/80

PVC RIGID CONDUIT - FLEXIBLE SPIRAL CONDUITS JOINT

PRODUCED FOR ELMARK IN ITALY | IP65



Catalogue number	Type	Conduit Ø(mm)	Flexible spiral Ø (mm)	IP code	Colour	Packing/ Box (pcs)
500DD16	Flexible spiral conduits joint	16	12	65	Grey	10/350
500DD20	Flexible spiral conduits joint	20	16	65	Grey	10/350
500DD25	Flexible spiral conduits joint	25	20	65	Grey	10/200
500DD32	Flexible spiral conduits joint	32	25	65	Grey	10/100
500DD40	Flexible spiral conduits joint	40	32	65	Grey	5/100

METRIC THREAD 1,5MM JOINTS TO CONNECT SPIRAL FLEXIBLE CONDUITS WITH BOX, IP65

PRODUCED FOR ELMARK IN ITALY | IP65



Catalogue number	Type	Flexible conduit diameter (mm)	Thread diameter (mm)	Packing/ Box (pcs)
ECGX12M	Flexible conduit/Box joint	12	16	25/500
ECGX16M	Flexible conduit/Box joint	16	20	25/350
ECGX20M	Flexible conduit/Box joint	20	25	25/250
ECGX25M	Flexible conduit/Box joint	25	32	10/150
ECGX32M	Flexible conduit/Box joint	32	40	10/90
ECGX40M	Flexible conduit/Box joint	40	50	10/60

Scan each QR code to see product price and availability.

ACCESSORIES FOR PVC SELF-EXTINGUISHING RIGID INSULATING CONDUITS AND FLEXIBLE SPIRAL CONDUITS, IP40 EC

Documents corresponding to the products:
Standard EN 61386-1
EN61386-21

TECHNICAL DATA

- Material- shock resistant technopolymer on PVC base
- Self-extinguishing V0 degree to UL94
- Glow wire test: up to 960°C
- RAL- 7035

PVC BEND FLEXIBLE

PRODUCED FOR ELMARK IN ITALY



Catalogue number	Type	Used for cable conduit Ø (mm)	IP code	Colour	Packing/Box (pcs)
500FK16	PVC bend flexible	16	44	Grey	50/200
500FK20	PVC bend flexible	20	44	Grey	50/200
500FK25	PVC bend flexible	25	44	Grey	35/140
500FK32	PVC bend flexible	32	44	Grey	20/80

PVC BEND 90°

PRODUCED FOR ELMARK IN ITALY



Catalogue number	Type	Used for cable conduit Ø (mm)	IP code	Colour	Packing/Box (pcs)
500BK16	PVC bend 90°	16	40	Grey	100/1000
500BK20	PVC bend 90°	20	40	Grey	50/600
500BK25	PVC bend 90°	25	40	Grey	25/300
500BK32	PVC bend 90°	32	40	Grey	100
500BK40	PVC bend 90°	40	40	Grey	100

PLASTIC BEND SMALL 90°

PRODUCED FOR ELMARK IN ITALY



Catalogue number	Type	Used for cable conduit Ø (mm)	IP code	Colour	Packing/ Box (pcs)
500SK16	Plastic bend small 90°	16	40	Grey	100/400
500SK20	Plastic bend small 90°	20	40	Grey	100/300
500SK25	Plastic bend small 90°	25	40	Grey	100/200
500SK32	Plastic bend small 90°	32	40	Grey	50/150

Scan each QR code to see product price and availability.

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PVC T-JOINT

PRODUCED FOR ELMARK IN ITALY



Catalogue number	Type	Used for cable conduit Ø (mm)	IP code	Colour	Packing/Box (pcs)
500T16	PVC T-joint	16	40	Grey	100/300
500T20	PVC T-joint	20	40	Grey	100/200
500T25	PVC T-joint	25	40	Grey	50/100
500T32	PVC T-joint	32	40	Grey	50/100

PVC COUPLING

PRODUCED FOR ELMARK IN ITALY



Catalogue number	Type	Used for cable conduit Ø (mm)	IP code	Colour	Packing/Box (pcs)
500C16	PVC coupling	16	40	Grey	100/1200
500C20	PVC coupling	20	40	Grey	100/800
500C25	PVC coupling	25	40	Grey	50/500
500C32	PVC coupling	32	40	Grey	25/250
500C40	PVC coupling	40	40	Grey	25/150

HALOGEN FREE CONDUIT CLIPS- LSZH

HALOGEN FREE

PRODUCED FOR ELMARK IN ITALY



Catalogue number	Type	Used for cable conduit Ø (mm)	Colour	Packing/Box (pcs)
500CC16	Halogen free conduit clips	16	Grey	100/1500
500CC20	Halogen free conduit clips	20	Grey	100/1000
500CC25	Halogen free conduit clips	25	Grey	100/1000
500CC32	Halogen free conduit clips	32	Grey	50/800
500CC40	Halogen free conduit clips	40	Grey	50/400

PVC CONDUIT CLIPS

PRODUCED FOR ELMARK IN ITALY



Catalogue number	Type	Used for cable conduit Ø (mm)	Colour	Packing/Box (pcs)
500CS16	PVC conduit clips with plug and steel screw	16	Grey	100/1000
500CS20	PVC conduit clips with plug and steel screw	20	Grey	100/1000
500CS25	PVC conduit clips with plug and steel screw	25	Grey	100/800
500CS32	PVC conduit clips with plug and steel screw	32	Grey	50/400

Scan each QR code to see product price and availability.

PVC CONDUIT CLIPS

PRODUCED FOR ELMARK IN ITALY



Catalogue number	Type	Used for cable conduit Ø (mm)	Colour	Packing/Box (pcs)
500CO16	PVC collar conduit clips	16	Grey	100/1000
500CO20	PVC collar conduit clips	20	Grey	100/1000
500CO25	PVC collar conduit clips	25	Grey	100/800
500CO32	PVC collar conduit clips	32	Grey	50/500

PVC MODULAR FIXING GUIDE FOR CLIPS

PRODUCED FOR ELMARK IN ITALY



Catalogue number	Type	Length (mm)	Colour	Packing
500BC	PVC modular fixing guide for clips	200	Grey	400

CABLE FIXING CLIPS



Support insulators are used in control and distribution cabinets mounting when bars isolation is required. Provides reliable insulation of live parts.

TECHNICAL DATA

- Rated voltage: 1000V
- Insulating voltage: 5000 V
- Ambient temperature : -40 to +65°C

Catalogue number	Type	Diameter (mm)	Packing (pcs)	Packing/ Box (pcs)
500004	CHR-4	4	100	100/500
500005	CHR-5	5	100	100/ 500
500006	CHR-6	6	100	100/ 300
500007	CHR-7	7	100	100/ 300
500008	CHR-8	8	100	100/ 250
500009	CHR-9	9	100	100/ 200
500010	CHR-10	10	100	100/ 200
500012	CHR-12	12	100	100/ 100
500014	CHR-14	14	100	100/ 50
500016	CHR-16	16	100	100/ 50

Scan each QR code to see product price and availability.

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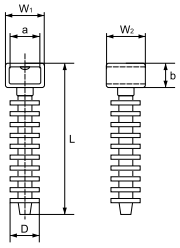
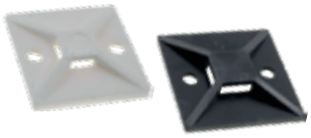
CABLE TIE HOLDER

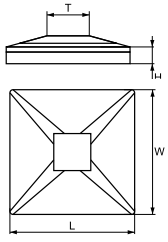




Catalogue number	Type	Colour	Bore diameter (mm)	Dimensions (mm)						Packing (pcs)
				a	b	D	W1	W2	L	
500046	MT-8	White	8	9.7	6.3	9.9	12.7	12.6	43	100
500047	MT-8	Black	8	9.7	6.3	9.9	12.7	12.6	43	100

CABLE TIE MOUNTS ADHESIVE

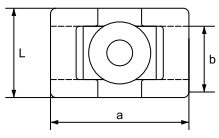


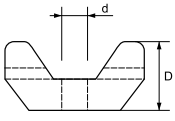


Catalogue number	Type	Colour	Dimensions (mm)				Packing (pcs.)
			L	W	H	T	
500041	MT-25	White	25	25	7.5	6.2	100
500042	MT-25	Black	25	25	7.5	6.2	100
500043	MT-30	White	30	30	8.7	6.4	100
500039	MT-30	Black	30	30	8.7	6.4	100

CABLE TIE BASES FIXED WITH SCREWS







Catalogue number	Type	Colour	Dimensions (mm)					Packing (pcs)
			a	b	L	d	D	
500048	CTH-2C	White	22	16.5	9	5.8	9.5	100
500038	CTH-2C	Black	22	16.5	9	5.8	9.5	100

Scan each QR code to see product price and availability.

CABLE TIES - WHITE



Catalogue number	Type	Length (mm)	Colour	Width (mm)	Packing (pcs)	Packing / Box (pcs)
500100	Cable ties	100	White	2.5	100	10/800
500152	Cable ties	150	White	2.5	100	10/500
500162	Cable ties	160	White	2.5	100	10/500
500202	Cable ties	200	White	2.5	100	10/400
500253	Cable ties	250	White	3.5	100	10/250
500283	Cable ties	280	White	3.5	100	10/200
500303	Cable ties	300	White	3.5	100	10/200
500304	Cable ties	300	White	4.8	100	10/120
500373	Cable ties	370	White	3.5	100	10/120
500384	Cable ties	380	White	4.8	100	10/100
500454	Cable ties	450	White	4.8	100	10/70
500507	Cable ties	500	White	7.9	100	5/40

CABLE TIES - BLACK



Catalogue number	Type	Length (mm)	Colour	Width (mm)	Packing (pcs)	Packing / Box (pcs)
500151	Cable ties	150	Black	2.5	100	10/500
500161	Cable ties	160	Black	2.5	100	10/500
500251	Cable ties	250	Black	3.5	100	10/250
500281	Cable ties	280	Black	3.5	100	10/200
500301	Cable ties	300	Black	3.5	100	10/200
500501	Cable ties	500	Black	7.9	100	40

PA66 NYLON SELF-EXTINGUISHING CABLE TIES, NATURAL COLOUR



MAIN TECHNICAL FEATURES

- Material: PA66 nylon
- Self-extinguishing V2 degree according to Standard UL94
- Installation temperature : from -40°C to +85°C.
- High resistance to mineral oils and grease
- Colour: Natural
- Standard: EN 62275 and UL

PRODUCED FOR **ELMARK** IN ITALY

Catalogue number	Dimensions (mm)	Max. bundle diameter (mm)	Min. resistance to stress (kg)	Packing/Box (pcs)
EC8001025	100X2,5	22	8.1	100/5000
EC8001225	120X2,5	33	8.1	100/5000
EC8001436	140X3,6	33	18.22	100/5000
EC8001625	160X2,5	38	8.1	100/5000
EC8002025	200X2,5	53	8.1	100/5000
EC8002036	200X3,6	53	18.2	100/5000
EC8002048	200X4,8	50	22.2	100/5000
EC8002548	250X4,8	60	22.2	100/5000
EC8002936	290X3,6	76	18.2	100/5000
EC8002976	290X7,6	76	54.4	100/2000
EC8003648	360X4,8	102	22.2	100/3000
EC8004348	430X4,8	110	22.2	100/3000
EC8004390	430X9,0	110	79.4	100/1000
EC8005390	530X9,0	140	79.4	100/1000

Scan each QR code to see product price and availability.



PA66 NYLON SELF-EXTINGUISHING CABLE TIES, BLACK COLOUR

MAIN TECHNICAL FEATURES

- Material: PA66 nylon
- Self-extinguishing V2 degree according to Standard UL94
- Installation temperature : from -40°C to +85°C.
- High resistance to mineral oils and grease
- Colour: Black
- Standard: EN 62275 and UL

PRODUCED FOR **ELMARK** IN ITALY

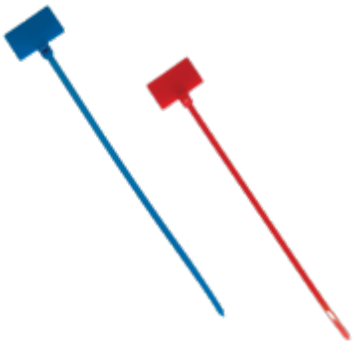
Catalogue number	Dimensions (mm)	Max. bundle diameter (mm)	Min. resistance to stress (kg)	Packing/Box (pcs)
EC8101025	100X2,5	22	8.1	100/5000
EC8101225	120X2,5	33	8.1	100/5000
EC8101436	140X3,6	33	18.22	100/5000
EC8101625	160X2,5	38	8.1	100/5000
EC8102025	200X2,5	53	8.1	100/5000
EC8102036	200X3,6	53	18.2	100/5000
EC8102048	200X4,8	50	22.2	100/5000
EC8102548	250X4,8	60	22.2	100/5000
EC8102936	290X3,6	76	18.2	100/5000
EC8102976	290X7,6	76	54.4	100/2000
EC8103648	360X4,8	102	22.2	100/3000
EC8104348	430X4,8	110	22.2	100/3000
EC8104390	430X9,0	110	79.4	100/1000
EC8105390	530X9,0	140	79.4	100/1000



PA66 NYLON SELF-EXTINGUISHING CABLE TIES, NATURAL COLOUR

PRODUCED FOR **ELMARK** IN ITALY

Catalogue number	Dimensions (mm)	Max. bundle diameter (mm)	Min. resistance to stress (kg)	Packing/Box (pcs)
EC8701025	100X2,5	18	8.1	100/5000
EC8702025	200X2,5	50	8.1	100/5000



INDICATION COLOUR CABLE TIES FOR LABEL

Catalogue number	Colour	Cable ties dimensions (mm)	Label dimensions (mm)	Packing (pcs)
500428B	Blue	150X4,0	15x25	100/300
500428R	Red	150X4,0	15x25	100/300

Scan each QR code to see product price and availability.

INDICATION CABLE TIES FOR LABEL WHITE



Catalogue number	Colour	Cable ties dimensions (mm)	Label dimensions (mm)	Packing (pcs)
500429	White	100X2,5	8x25	100/500
500430	White	200X3,5	15x30	100/250

CABLE HOLDER WITH TIE

PRODUCED FOR ELMARK IN BULGARIA



Catalogue number	Type	Colour	Dissensions (mm)				Packing (pcs)
			a	b	c	d	
500444	Cable holder with tie	Black	27	14	140	0,5	20

WALL PLUG WITH CABLE TIE

PRODUCED FOR ELMARK IN BULGARIA



Catalogue number	Type	Colour	Bore diameter (mm)	Tie Length (mm)	Packing (pcs)
500427	Wall plug with cable tie	Black	6	95	50
500425	Wall plug with cable tie	Black	8	95	50

UV RESISTANCE WIRE GRIP, BLACK

PRODUCED FOR ELMARK IN POLAND



Catalogue number	Model	Colour	Bundle diameter (mm)	Band length (mm)	Packing (pcs)
36002EP	UP-Z 18 UV	Black	12-18	45	50
36004EP	UP-Z 38 UV	Black	15-38	95	50

Scan each QR code to see product price and availability.

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PRODUCED FOR ELMARK IN POLAND

WIRE GRIP, BLACK

Fixing clips are used to fix the electrical, telecommunication, control wires as well as pipes to different surfaces. The use of fixing clips for wires ensures a very fast wire fixing, fixing reliability, professional appearance of the fixing, possibility of clip removal to carry out some corrections at a relatively low cost.



UM 16

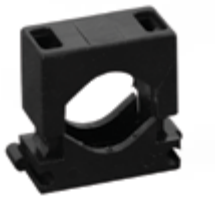
Catalogue number	Model	Colour	Bundle diameter (mm)	Packing (pcs)
3521EP	UM 16	Grey	8-16	50
12162EP	UM 16 CZ	Black	8-16	50
3522EP	UM 24	Grey	17-24	50
12242EP	UM 24 CZ	Black	17-24	50



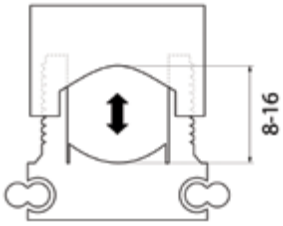
UM 16 CZ

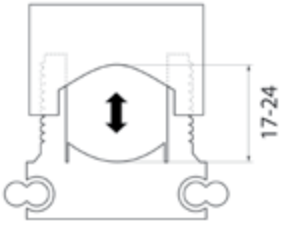


UM 24

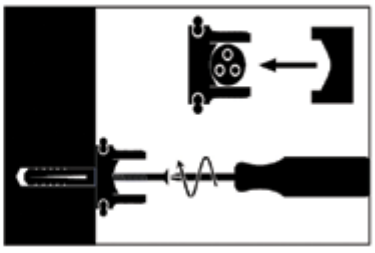


UM 24 CZ









Scan each QR code to see product price and availability.

WIRE GRIP BAND FOR FLAT CABLE

PRODUCED FOR ELMARK IN BULGARIA



Catalogue number	Type	Colour	Bore diameter (mm)	Width of the head	Packing (pcs)
500432	Wire grip band for flat cable 1	White	6-7	18	50
500434	Wire grip band for flat cable 2	White	6-7	12	50
500436	Wire grip band for flat cable 3	White	6-7	10	50

Wire grip band 1 is Suitable for flat cables with section- 2x1.0; 2x1.5mm²
Wire grip band 2 is Suitable for flat cables with section- 2x2.5; 3x1.0
Wire grip band 3 is Suitable for flat cables with section- 2x4; 2x6; 3x1.5; 3x2.5mm²

WIRE GRIP BAND FOR ROUND CABLE

PRODUCED FOR ELMARK IN BULGARIA



Catalogue number	Type	Colour	Bore diameter (mm)	Width of the head	Packing (pcs)
500438	Wire grip band for round cable 4	White	6-7	6	50
500440	Wire grip band for round cable 5	White	6-7	8	50
500439	Wire grip band for round cable 6	White	6-7	10	50
500441	Wire grip band for round cable 7	White	6-7	14	50
500442	Wire grip band for round cable 8	White	8-9	20	50

Wire grip band 4 is Suitable for round cables with section- 2x1.0; 2x1.5; 3x1.0; 3x2.5mm²; RG6
Wire grip band 5 is Suitable for round cables with section- 2x0.5; 2x0.75; UTP; FTP
Wire grip band 6 is Suitable for round cables with section- 2x2.5; 3x1.5; 4x1
Wire grip band 7 is Suitable for round cables with section- 3x6; 4x4; 5x2.5
Wire grip band 8 is Suitable for round cables with diameter D20mm

Scan each QR code to see product price and availability.

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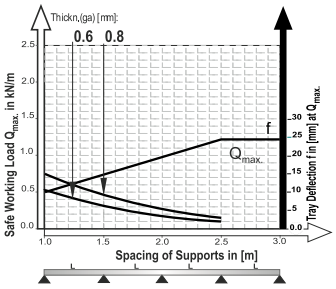
METAL CABLE TRAYS AND ACCESSORIES





This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span =0,8x the span
Q = max. admissible load (kg/m)
L = support distance (m)
f = Deflection (mm) / Max. deflection = L/100
Safetly co-efficient = 1.5

CABLE TRAY

The universal cable support systems are used for construction of cable link in closed production premises for direct mounting on even vertical surfaces. They are perforated metal grates and accessories with standard lengths and sizes. They allow quick construction of cable systems with many angles and derivations.

Catalogue number	Type	Size (mm)	Thickness (mm)	Length (mm)	Packing/Box (pcs)
56050825U	CT1 UT Cable tray	40x50	0.6	2500	1
56100825U	CT1 UT Cable tray	40x100	0.6	2500	1
56150825U	CT1 UT Cable tray	40x150	0.7	2500	1
56200825U	CT1 UT Cable tray	40x200	0.7	2500	1
56300825U	CT1 UT Cable tray	40x300	0.8	2500	1

For joining cable tray section together use screw SET M8 with catalogue number: 568SET or M6 SET with catalogue number 566SET. Recommended quantities of bolt and nut sets for cable trays connection are: 2 sets for 50mm cable trays and 3 sets for everyone else.



CABLE TRAY COVER

Catalogue number	Type	Size (mm)	Thickness (mm)	Length (mm)	Packing/Box (pcs)
56050825C	CT1 Cable tray cover	15x50	0.6	2500	1
56100825C	CT1 Cable tray cover	15x100	0.6	2500	1
56150825C	CT1 Cable tray cover	15x150	0.6	2500	1
56200825C	CT1 Cable tray cover	15x200	0.6	2500	1
56300825C	CT1 Cable tray cover	15x300	0.7	2500	1

For joining cable covers section together use screw SET M8 with catalogue number: 568SET or M6 SET with catalogue number 566SET. Recommended quantities of bolt and nut sets for cable trays connection are: 2 sets for 50mm cable trays and 3 sets for everyone else.



COUPLER FOR TRAYS

Catalogue number	Type	Size (mm)	Thickness (mm)	Length (mm)	Packing/Box (pcs)
56250C	CT1 Coupler for trays with the same size	40	1.2	175	1

To install 2 trays use 2pcs 56250C and 8 SETs of bolt and nuts with catalogue numbers: 566SET or 568SET



ADJUSTABLE VERTICAL CONNECTOR

Catalogue number	Type	Length (mm)	Height (mm)	Thickness (mm)	Packing/ Box (pcs)
56300LC	CT1 Adjustable vertical connector - set (2 pcs)	300	40	1.2	1

To install 2 trays use 1 SET 56300LC and 10 SETs of bolt and nuts with catalogue number: 566SET and 568SET

Scan each QR code to see product price and availability.

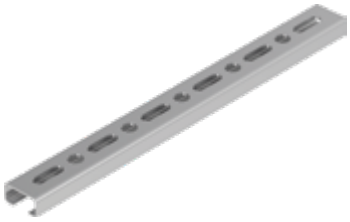
ADJUSTABLE HORIZONTAL CONNECTOR



Catalogue number	Type	Length (mm)	Height (mm)	Thickness (mm)	Packing/ Box (pcs)
56301LC	CT1 Adjustable horizontal connector	175	40	1.2	1

To install 2 trays use 2pcs 56301LC and 8 SETs of bolt and nuts with catalogue number: 566SET and 568SET

HANGING C TYPE RAIL



Catalogue number	Type	Length (mm)	Size (mm)	Thickness (mm)	Packing/ Box (pcs)
5690106	CT1 Hanging C type rail	2000	27x18	1.2	1

Slotted hole size: 8.5x20 mm| Round hole size: D-11 mm| Mounting: with threaded rod and nuts

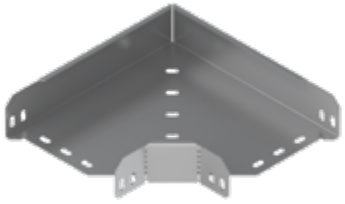
ADD ON 90° HORIZONTAL CORNER BEND



Catalogue number	Type	Height (mm)	Tickness (mm)	Packing/Box (pcs)
5690101	CT1 Add on 90° horizontal corner bend	40	1	1

To install 2 trays use bolt and nuts with catalogue number: 566SET and 568SET

ANGLE 90°



Catalogue number	Type	Thickness (mm)	Length (mm)	Packing/Box (pcs)
5690100	Angle 90°	0.8	100x100	1
5690150	Angle 90°	0.8	150x150	1
5690200	Angle 90°	0.8	200x200	1
5690300	Angle 90°	1	300x300	1

ANGLE COVER 90°



Catalogue number	Type	Metric bolt diameters	Length (mm)	Packing/Box (pcs)
5690100C	Angle cover 90°	1.5	100x100	1
5690150C	Angle cover 90°	1.5	150x150	1
5690200C	Angle cover 90°	1.5	200x200	1
5690300C	Angle cover 90°	1.5	300x300	1

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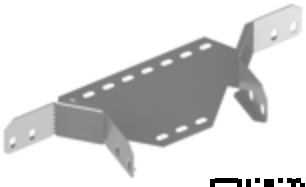
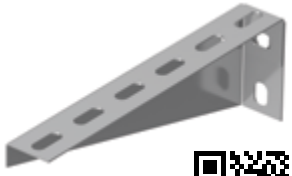
ADD ON TEE HORIZONTAL BEND



Catalogue number	Type	Width (mm)	Height (mm)	Thickness (mm)	Packing/ Box (pcs)
5690102	CT1 Add on tee horizontal bend 100	100	40	1	1
5690103	CT1 Add on tee horizontal bend 150	150	40	1	1
5690104	CT1 Add on tee horizontal bend 200	200	40	1	1
5690105	CT1 Add on tee horizontal bend 300	300	40	1.2	1

To install 2 trays use bolt and nuts with catalogue number: 566SET and 568SET

WALL BRACKET



Catalogue number	Type	Tray width (mm)	Length (mm)	Packing/Box (pcs)
56050S	CT1 Wall bracket 50	50	60	1
56100S	CT1 Wall bracket 100	100	110	1
56150S	CT1 Wall bracket 150	150	160	1
56200S	CT1 Wall bracket 200	200	210	1
56300S	CT1 Wall bracket 300	300	310	1

CEILING/WALL BRACKET



Catalogue number	Type	Length (mm)	Height (mm)	Packing/Box (pcs)
56100OB	CT1 OMEGA Ceiling/Wall bracket 100	145	200	1
56200OB	CT1 OMEGA Ceiling/Wall bracket 200	245	200	1
56300OB	CT1 OMEGA Ceiling/Wall bracket 300	345	200	1

THREADED HANGING ROD



Catalogue number	Type	Thread	Length (mm)	Grade	Packing/Box (pcs)
M517079	Threaded hanging rod	M6	1000	4.8	100
M517080	Threaded hanging rod	M8	1000	4.8	50
M517078	Threaded hanging rod	M10	1000	4.8	40

Application: Suitable for fixing skirting, stud battens to wall and long runs of shelf support

BOLT AND NUTS, SET



Catalogue number	Type	Thread metric (mm)	Length (mm)	Packing/Box (pcs)
566SET	CT1 Bolt and nuts, SET	M6	15	1/500
568SET	CT1 Bolt and nuts, SET	M8	15	1/500

Scan each QR code to see product price and availability.

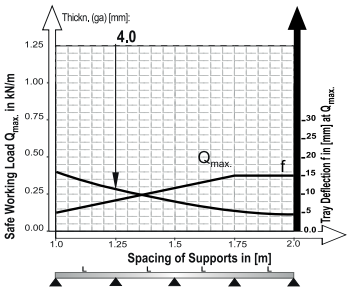
WIRE MESH CABLE TRAYS AND ACCESSORIES



WIRE MESH CABLE TRAY

Wire Mesh tray is generally used for telecommunication and fiber optic applications and are installed on short support spans. This type of cable trays cable provide lots of options for cable management which is especially important at their frequent entry and exit. The purpose of a cable tray system is to support, route, and protect cable and is part of the cable management system.

Catalogue number	Type	Size (mm)	Thickness (mm)	Length (mm)	Packing/ Box (pcs)
560100604WM	CT2 Wire mesh cable tray	60x100	4	2500	1
560200604WM	CT2 Wire mesh cable tray	60x200	4	2500	1
560300604WM	CT2 Wire mesh cable tray	60x300	4	2500	1



This diagram comply with IEC 61537 with connection to 1/5 of the span and the end span =0,8x the span

Q = max. admissible load (kg/m)
= support distance (m)
f = Deflection (mm) / Max. deflection = L/100
Safetly co-efficient = 1.5

HANGING RAIL/ CENTRAL SUPPORT

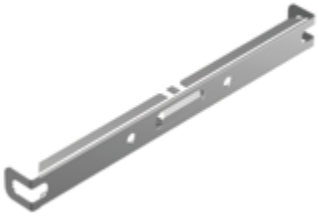
Catalogue number	Type	Length (mm)	Width of tray (mm)	Packing/Box (pcs)
5690160MW	CT2 Hanging rail/ Central support	160	100	1/50
5690260MW	CT2 Hanging rail/ Central support	260	200	1/50
5690360MW	CT2 Hanging rail/ Central support	360	300	1/50



Material: Pregalvanized steel

CONNECTOR FOR WIRE MESH CABLE TRAY

Catalogue number	Type	Length (mm)	Packing/ Box (pcs)
56250CMW	Bolt less connector for wire mesh cable tray	220	1/50



Material: Pregalvanized steel

Scan each QR code to see product price and availability.

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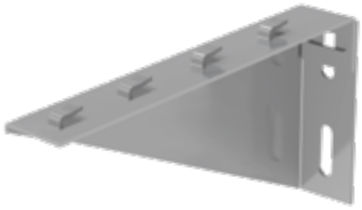
WALL MOUNTING SUPPORT



Catalogue number	Type	Length (mm)	Width of tray (mm)	Packing/ Box (pcs)
56130SMW	CT2 WALL MOUNTING SUPPORT	130	100	1/50
56230SMW	CT2 WALL MOUNTING SUPPORT	230	200	1/50
56330SMW	CT2 WALL MOUNTING SUPPORT	330	300	1/50

Material: Pre-galvanized steel

WALL BRACKET & BOXES FIXING SUPPORT



Catalogue number	Type	Size (mm)	Packing/ Box (pcs)
56251MW	CT2 WALL BRACKET & BOXES FIXING SUPPORT	85x75	1/50

Material: Pre-galvanized steel

EARTHING CLAMP



Catalogue number	Type	Section (mm2)	Thread (mm)	Packing/ Box (pcs)
56070G	CT2 Earthing clamp	70	M6	1/100

Material: Brass

GROUNDING STRAP



Catalogue number	Type	Section (mm2)	Length (mm)	Packing/ Box (pcs)
56100SG	CT2 Grounding strap	6	80	1/100

Material: Tin plated copper
Mounting: with bolt-less connector with catalogue number 56250CMW

Scan each QR code to see product price and availability.



AIR-TERMINATION ROD

Catalogue number	Model	Length (mm)	Diameter (mm)	Packing/Box (pcs)
ME014066	101 VL2000	2000	10/16	1/10
ME014071	101 VL2500	2500	10/16	1/10
ME014063	101 VL3000	3000	10/16	1/10
ME014069	101 VL3500	3500	10/16	1/10

Suitable for wind loads according to Eurocode 1: DIN EN 50164 - 2. Last meter is tapered up Ø16 mm to Ø10mm, material: AlMgSi. Matches stand system FangFix. Material: Aluminum.



STAND FOR AIR-TERMINATION ROD, FANGFIX SYSTEM

Catalogue number	Model	Length (mm)	Diameter (mm)	Packing/Box (pcs)
M014102	F-FIX-16	373	84/119	1

System consists of FangFix stone with base and clamp. FangFix clamp made of VA. Lightning current tested with 100 kA (10/350). 16 kg stone with high level of stability. Quick and easy mounting of interception rod using anchors. Concrete, frost-resistant. The FangFix stone can be stacked.



PROFILE EARTHING ROD WITH CONNECTION LUG

Catalogue number	Model	Length (mm)	Packing/Box (pcs)
197002	EL-ER02	1500	1

Cross-profile 50 x 50 x 3 mm. With connecting strap. Hot-dip galvanized. Four through hole with diameter 13 mm. For the construction of earthing systems e.g. antenna or earthing of building site distribution boards.
Material: Steel



EARTHING ROD WITH STRIP

Catalogue number	Model	Rog length (mm)	Strip length (mm)	Rog thickness (mm)	Strip thickness (mm)	Rog width (mm)	Strip width (mm)
M014048	50/50/5	1500	1500	5	3	50	30
M014012	60/60/6	1500	1500	6	3	60	40

Cold galvanized: have been coated in zinc to make them corrosion resistant.
Material: Steel

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COPPER-PLATED EARTHING ROD, THREADED



Catalogue number	Model	Length (mm)	Diameter (mm)	Packing/Box (pcs)
197001	EL-ER18	1500	18	1/10

Material: copper coated steel, according to EN 62561-2
Thickness of copper coating: 1mm (1000µ)
Weight: 3.10kg
* Spike and diving stud are not included

SPIKE FOR THREADED COPPER-PLATED EARTHING ROD



Catalogue number	Model	Thread size	Spanner (mm)	Packing/Box (pcs)
197022	EL-S01	M12	19	1

Material: Steel
Depending on the hardness of the soil, usually 1pc. enough for an object.

COUPLERS FOR THREADED RODS



Catalogue number	Model	Threaded size	Packing/Box (pcs)
197021	EL-CD01	M12	1

To connection two or many threaded copper-bonded ground rods.

DIVING STUD



Catalogue number	Model	Threaded size	Packing/Box (pcs)
197020	EL-DS01	M12	1

Material: Steel.
Depending on the hardness of the soil, usually 1pc. enough for an object.`

CONNECTORS EARTHING ROD TO STRIP / CONDUCTOR

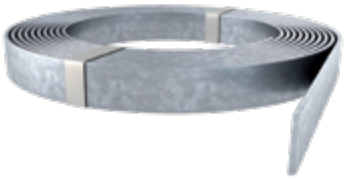


Catalogue number	Model	Length (mm)	Width (mm)	Packing/Box (pcs)
ME014014	EL-1204	65	65	1/45

Material: stainless steel 304
Conductor size: 50mm^2 stranded
Strip size: max. 40x4mm

Scan each QR code to see product price and availability.

HOT-DIP GALVANIZED STRIP FOR EARTH



Catalogue number	Model	Length (mm)	Thickness (mm)	Width (mm)	Packing/Box (pcs)
ME301090	EL-EP 40x4	40	4	40	1

Galvanized, according to EN 62561-2
For lightning protection, earthing systems and ring equipotent bonding.
Material: Zinc coated Steel.

COLD GALVANIZED STRIP FOR EARTH



Catalogue number	Model	Length (mm)	Thickness (mm)	Width (mm)	Packing/Box (pcs)
M014008	40/4	6	4	40	1

Coated in zinc to make them corrosion resistant.
Material: Steel.

ALUMINUM ROUND CONDUCTOR



Catalogue number	Model	Diameter (mm)	Packing/Box (pcs)
ME301092	EL-LP 8	8	1/140
ME301096	EL-LP 11	11	1/100

Conductor material: AlMgSi.
EL-LP 8 - without isolation.
EL-LP 11- with not flammable halogen free isolation.

CABLE HOLDER FOR FLAT ROOFS



Catalogue number	Model	Length (mm)	Width (mm)	Height (mm)	Packing/Box (pcs)
ME301082	EL- RCH	144	92	66	1

Fixing the wire on flat roofs.
Plastic stabilized PE against UV radiation with inserted concrete block.

Scan each QR code to see product price and availability.

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EQUAL POTANT



Catalogue number	Model	Length (mm)	Thickness (mm)	Links	Packing/Box (pcs)
ME301084	EL-EBR	300	5	7	1

Material: Cu
Fixing hole diameter: 8,5mm
Weight: 890gr

EQUIPOTENTIAL PLATE WITH COVER



TECHNICAL DATA

- Cover material: Polycarbonate technopolymer
- Plate material: Brass alloy CW614N
- Rated voltage: 450V
- Max. operated temperature: 85°C
- Standard: EN 60998-1; EN 60998-2-1

PRODUCED FOR ELMARK IN ITALY

Catalogue number	Hole QTY	Nominal section	Packing / Box (pcs)
EC890021	12	4x16mm^2 + 2x25mm^2	1/150

VARIABLE EARTHING CONNECTOR FOR ALUMINUM CONDUCTORS



Catalogue number	Model	Length (mm)	Width (mm)	Packing/Box (pcs)
ME301088	EL-V	38	40	1

Material: Aluminum- AlCu4MgSi(A).
Suitable for conductors with diameter 8 and 11mm.
Type of fastening screw: Hexagonal bolt.

SCREW-LESS CABLE BRACKET FOR EARTHING CONDUCTORS



Catalogue number	Model	Screw Ø (mm)	Conductor Ø (mm)	Packing/Box (pcs)
ME301006	EL-VA	M5x10	8	1/50

Material: Hot dip galvanized steel
Weight: 80gr

ATTACHING CLAMP



Catalogue number	Model	Length (mm)	Width (mm)	Height (mm)	Packing/Box (pcs)
ME014070	EL-AC	78	40	36	1/100

Attaching the round conductors to metal parts of the premises

Scan each QR code to see product price and availability.

ROOF GUTTER CLAMP



Catalogue number	Model	Length (mm)	Width (mm)	Packing/Box (pcs)
ME301008	EL-RGC	50	45	1/100

Suitable for all bulge and bead thicknesses
Suitable for conductors with diameter 8 and 11mm
Material: Steel

CROSSBAR FOR EARTHING CONDUCTOR



Catalogue number	Model	Length (mm)	Width (mm)	Packing/Box (pcs)
M301083	156 K8-10 ST	43	20	1/100

Suitable for conductors with diameter 8 and 11mm. Hot-dip galvanized.
Material: Steel

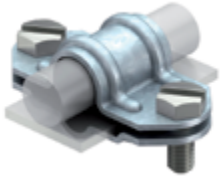
ROD HOLDER



Catalogue number	Model	Length (mm)	Width (mm)	Packing/Box (pcs)
M014014	113 Z-16	56	20	1/10

For interception and earth entry rods 101 VL. Installed with crossbar and hexagonal bolts M6 x 16. With female thread M8 or through hole with D- 7 mm.
Material: Die-cast zinc, Galvanized.

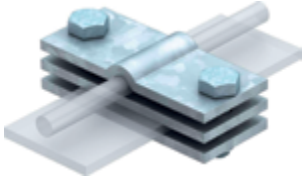
BRIDGE CONNECTOR FOR ROD HOLDER



Catalogue number	Model	Length (mm)	Width (mm)	Packing/Box (pcs)
M014054	226 8-10	70	30	1/20

For fitting round conductors with D 8 and 10 mm to earthing rods or flat strip 30x3.5. Including 2 hexagonal bolts M8 x 20 high-grade stainless steel (V2A). Conforms to the requirements according to VDE 0185-305 (IEC 62305).
Material: Steel, Hot-dip Galvanized.

EARTH CONNECTION TERMINAL FOR CONDUCTOR TO STRIP



Catalogue number	Model	Length (mm)	Width (mm)	Packing/Box (pcs)
M031239	937 50	60	25	1/10

For round conductor and flat strips. Suitable for cable 50 mm^2 and strips with width 40 mm. With 2 hexagonal bolts M6 x 20 mm.
Material: Steel, Hot-dip galvanized.

Scan each QR code to see product price and availability.

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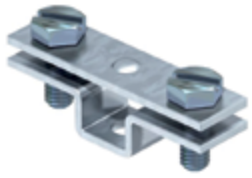
CROSS-CONNECTORS FOR STRIPS AND CONDUCTORS



Catalogue number	Model	Length (mm)	Width (mm)	Packing/Box (pcs)
ME301087	EL-1203	65	65	1/45

Material: stainless steel 304
Conductor size: 50mm² stranded
Strip size: max. 40x4mm

SPACER CLIP FOR STRIPS



Catalogue number	Model	Length (mm)	Width (mm)	Height (mm)	Packing/Box (pcs)
M301059	831 40 M6	65	14	14	1/10

Suitable for strips with width 40 mm.
With thread M6 and 2 hexagonal bolts M6 x 16 (F).
Hot-dip galvanized.
Material: Steel

BRIDGE CONNECTOR FOR ROD HOLDER



Catalogue number	Model	Length (mm)	Width (mm)	Packing/Box (pcs)
M014017	288 DIN	170	30	1/20

With 1 attaching hole with D- 11 mm.
With 2 x 4 mounting hole with D- 5.2 mm.
With 2 x 2 mounting hole with D- 6.9 mm.
Material: Aluminum.

INSPECTION DOOR



Catalogue number	Model	Length (mm)	Width (mm)	Height (mm)	Packing/Box (pcs)
M500684	5800 VZ	180	13.5	230	1

Lightweight design for flush-mounted separation points.
Claw length approx. 80 mm.
Strip galvanized.
Material: Steel.

Scan each QR code to see product price and availability.

LIGHTING PROTECTION JUNCTION BOX

This junction box is used in mounting of the monitoring connection of lighting protection system in the outside building facades (plasters - building thermal insulations up to 12 cm thick).

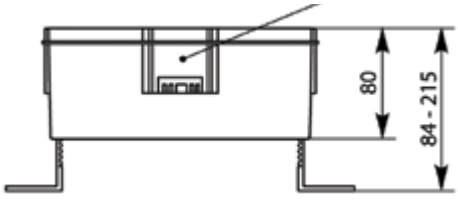
The box protects the connection maintenance against weather conditions. There is a possibility to mount the junction box without dismantling the lightening protection system by using special grooves in the junction box sides.
The aesthetic and mat cover of plastic lid the junction box guarantees a proper paint coverage.
The product is made of high mechanical and electrical durability plastics
The INOX type of lid of the box is made of stainless steel – INOX guarantee an aesthetic appearance and increasing the strength parameters.



Box model: PZO



Catalogue number	Box model	IP degree	Box dimensions (mm)			Packing/Box (pcs)
			L	H	D	
3534EP	PZO	IP20	168	218	84-215	10/250
3535EP	PZO INOX	IP20	168	218	84-215	10/250





Box model: PZO INOX





PRODUCED FOR **ELMARK** IN POLAND

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BOX FOR LIGHTNING PROTECTION SYSTEM MOUNTED IN GROUND

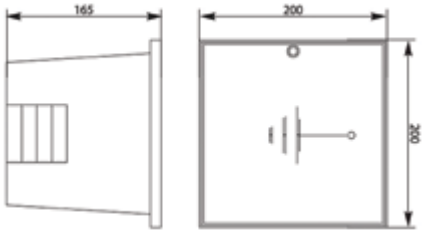
The box is destined for a casing for the control connector of a lightning protection system in the ground, in the concrete or the paving. It protects the connector from the weather. Can be mounted without removing the connector through the holes in base. Non-slip cover meets the degree IK 10, and is applied with poured gasket. High mechanical and electrical resistance.



Box model: SZO

Catalogue number	Box model	IK degree	IP degree	Box dimensions (mm)			Packing/Box (pcs)
				L	H	D	
35050EP	SZO	IK10	IP40	200	200	165	1



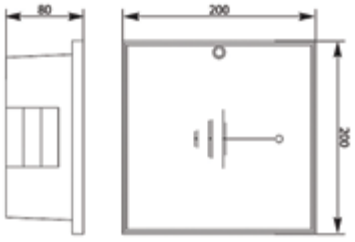




Box model: SZO II

Catalogue number	Box model	IK degree	IP degree	Box dimensions (mm)			Packing/Box (pcs)
				L	H	D	
35060EP	SZO II	IK10	IP40	200	200	80	1





Scan each QR code to see product price and availability.



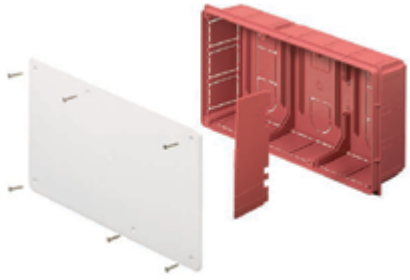
FLUSH MOUNTING JUNCTION BOX EC350 SERIES

TECHNICAL DATA

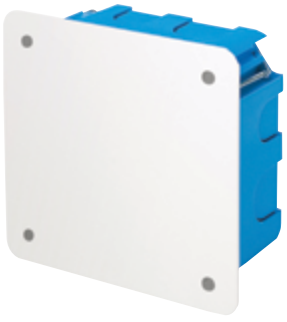
- Rated voltage: up to 1000V
- Box material: Shock resistant technopolymer
- Screw material: Anticorrosive galvanized steel
- For quick and easy cables or conduits inlet- Side are pre-cutting
- By the separator it is possible to divide the box into separate sections for different circuits
- IP code: IP40

PRODUCED FOR **ELMARK** IN ITALY

Catalogue number	Type	Description	Box dimensions (mm)			Packing / Box
			L	H	W	
1927410	EC350C4	Junction box	152	100	70	1/80
1927411	EC350C6	Junction box	196	152	70	1/40
1927412	EC350C7	Junction box	294	152	70	1/28
1927413	EC350C8	Junction box	392	152	70	1/20
1927415	EC3500S	Separator				10/100







EC DRY LINING INSTALLATION BOXES EC340 SERIES

TECHNICAL DATA

- Body Material: Shock resistance technopolymer
- Resistance to abnormal heat: Up to 850°C (Glow Wire Test Standard: IEC60695-2-11)
- Standard: EN60670-1; EN60670-22
- Screw Material: Anticorrosive galvanized steel
- Installation: Hollow plasterboard or wooden walls

PRODUCED FOR **ELMARK** IN ITALY

Catalogue number	Type	Description	Box dimensions (mm)			Packing / Box
			L	H	W	
EC340105	EC340	Junction box	120	100	50	1/150
EC340106	EC340	Junction box	200	150	75	1/40
EC340107	EC340	Junction box	300	150	75	1/25

Scan each QR code to see product price and availability.

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CONSOLE FOR BRICK AND CONCRETE FOR ITALIAN STANDARD MODULAR SWITCHES AND SOCKETS

PRODUCED FOR ELMARK IN ITALY



Catalogue number	Type	Length (mm)	Width (mm)	Depth (mm)	Packing (pcs)
24207	1-3 Module Console Box	95	70	48	10/400
24208	4 Module Console Box	118	70	48	10/240
24209	6 Module Console Box	178	70	48	10/150
24210	Console Box Spacer				20/200

QUADRUPLE CONSOLE BOX MULTI - UK STANDARD



Catalogue number	Type	Size (mm)			Packing (pcs)
		Length	Width	Height	
1927304	Console box multi- UK Standard	83	83	50	90

UNIVERSAL CONSOLE BOX-FLUSH MOUNTING

PRODUCED FOR ELMARK IN BULGARIA



Catalogue number	Type	Diameter (mm)	Packing (pcs)
1927302	Console box - Ø65	65	300

CONSOLE BOX MULTI

PRODUCED FOR ELMARK IN BULGARIA



Catalogue number	Type	Diameter (mm)	Packing (pcs)
1927301	Console box multi- Ø65	65	250

DEEP CONSOLE BOX MULTI



Catalogue number	Type	Depth (mm)	Diameter (mm)	Packing (pcs)
1927303	Deep console box multi- Ø68x65mm	68	65	90

Scan each QR code to see product price and availability.

DEEP CONSOLE BOX MULTI



Protects the console box and the wires passed in from subsequent putty and helps to easily locate the installation points of electrical switches and sockets.

PRODUCED FOR ELMARK IN POLAND

Catalogue number	Type	Packing (pcs)
1316EP	Signaling Cover for Ø60 installation boxes	50

SIGNALING COVER FOR ALL TYPE SINGLE JUNCTION BOXES D60MM, PS60



It is used to mark the location of the box under the plaster.

PRODUCED FOR ELMARK IN POLAND

TECHNICAL DATA
- Material: Polyethilene
- Colour: Orange
- Resistance to heat: 650°C
- Diameter: 64mm
- Weight: 4,8g

Catalogue number	Type	Packing (pcs)
37083008	Signaling cover 60mm	50

CE Declaration of conformity *Poly propylene* *REACH* *RoHS*

SIGNALING COVER FOR ALL TYPE JUNCTION BOXES D70MM, E121



It is used to mark the location of the box under the plaster.

TECHNICAL DATA
- Material: Polyethilene
- Colour: Red
- Resistance to heat: 650°C
- Diameter: 74mm
- Weight: 6g

Catalogue number	Type	Packing (pcs)
83188001	Signaling cover 70mm	50

CE Declaration of conformity *REACH* *RoHS*

HALOGEN FREE FLUSH-MOUNTED SHALLOW JUNCTION BOXES WITH SCREWS 60MM FOR CONCRETE, S60





**Element for serial connection: KD12 with cat. number 37088003*

TECHNICAL DATA
- Material: Polypropylene
- Material properties: Self-extinguishing, halogen-free
- Colour: Blue
- Knockouts: 8 x D20mm in side walls, 1 x D18mm in the bottom
- Resistance to heat: 850°C
- Mounting: For concrete walls
- Diameter: 65mm
- Spacing of fixing holes: 60mm
- Height: 41mm
- Weight: 19,6g

HALOGEN FREE

PRODUCED FOR ELMARK IN POLAND

Catalogue number	Type	Packing (pcs)
34068203	Shallow single junction box 65 x 60 x 41mm	100

Self-extinguishing *CE Declaration of conformity* *Poly propylene* *REACH* *RoHS*

Scan each QR code to see product price and availability.

PRODUCED FOR **ELMARK** IN POLAND

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HALOGEN FREE FLUSH-MOUNTED DEEP JUNCTION BOXES WITH SCREWS 60MM FOR CONCRETE, S60





**Element for serial connection: KD12 with cat. number 37088003*

TECHNICAL DATA
- Material: Polypropylene
- Material properties: Self-extinguishing, halogen-free
- Colour: Blue
- Knockouts: 14 x D20mm in side walls, 1 x D18mm in the bottom
- Resistance to heat: 850°C
- Mounting: For concrete walls
- Diameter: 65mm
- Spacing of fixing holes: 60mm
- Height: 61mm
- Weight: 28g

HALOGEN FREE

Catalogue number	Type	Packing (pcs)
34069203	Deep single junction box 65 x 60 x 61mm	110

Self-extinguishing *CE Declaration of conformity* *Poly propylene* *REACH* *RoHS*

HALOGEN FREE FLUSH-MOUNTED EXTRA DEEP JUNCTION BOXES WITH SCREWS 60MM FOR CONCRETE, S60





**Element for serial connection: KD12 with cat. number 37088003*

TECHNICAL DATA
- Material: Polypropylene
- Material properties: Self-extinguishing, halogen-free
- Colour: Blue
- Knockouts: Rectangular knockouts and large surfaces for breaking
- Resistance to heat: 850°C
- Mounting: For concrete walls
- Diameter: 65mm
- Spacing of fixing holes: 60mm
- Height: 81mm
- Weight: 23g

HALOGEN FREE

Catalogue number	Type	Packing (pcs)
34009203	Extra deep single junction box 65 x 60 x 81mm	35

Self-extinguishing *CE Declaration of conformity* *Poly propylene* *REACH* *RoHS*

FASTENING FOR JUNCTION BOXES S60



Click and watch product video

TECHNICAL DATA
- Material: Polypropylene
- Colour: Orange
- Resistance to heat: 650°C
- Weight: 6,5g

** Compatible with all junction boxes S60 series*

HALOGEN FREE

Catalogue number	Type	Packing (pcs)
37422008	Mounting ring	10

Scan each QR code to see product price and availability.

HALOGEN FREE FLUSH-MOUNTED JUNCTION BOXES WITH SCREWS 2X60MM FOR ELECTRONIC DEVICES FOR CONCRETE, SE2X60D



Click and watch product video



**Element for serial connection: KD12 with cat. number 37088003*

SE2x60 boxes are adapted for mounting specialized electric and electronic devices. Its specially widened interior makes it possible to place extra elements next to the built-up box flange of a steering element. There is also a possibility to use the entire interior of a box for putting various types of devices in it. The box has a serial structure that provides the possibility of combining it into multiple blocks. It is made of two separate elements that are put together using latches. This enables the possibility to mount larger spacious elements inside the box.

TECHNICAL DATA

- Material: Polyamide PA6
- Material properties: Self-extinguishing, halogen-free
- Colour: Blue
- Knockouts: Rectangular knockouts in the bottom and in the walls for the flat wires
- Resistance to heat: 960°C
- Flammability class: UL94 V0
- Mounting: For concrete walls
- Length: 128mm
- Width: 65mm
- Height: 63mm
- Weight: 55,9g

HALOGEN FREE

Catalogue number	Type	Packing (pcs)
34117203	Single junction box for electronic 128 x 65 x 63mm	10

Self-extinguishing | *CE Declaration of conformity* | *Poly propylene PA6* | *REACH* | *RoHS*

HALOGEN FREE FLUSH-MOUNTED JUNCTION BOXES 70MM WITH COVER FOR CONCRETE, Z70K







The standard flush-mounted box Z70K is used for electrical branching and embedding of electronic components. The box is equipped with a snap-on cover and has knockouts for inserting pipes and wires.

TECHNICAL DATA

- Material: Polypropylene
- Material properties: Self-extinguishing, halogen-free
- Colour: Blue
- Knockouts: 6 x D20mm in side walls, 2 x D20mm in the bottom
- Resistance to heat: 850°C
- Mounting: For concrete walls
- Diameter: 70mm
- Height: 48,5mm
- Weight: 32g

HALOGEN FREE

Catalogue number	Type	Packing (pcs)
34036203	Junction box with cover 70 x 48,5mm	40

Self-extinguishing | *CE Declaration of conformity* | *Poly propylene* | *REACH* | *RoHS*



HALOGEN FREE FLUSH-MOUNTED JUNCTION BOXES 80MM WITH COVER FOR CONCRETE, Z80K

The standard flush-mounted box Z80K is used for electrical branching and embedding of electronic components. The box is equipped with a snap-on cover and has knockouts for inserting pipes and wires.

TECHNICAL DATA
- Material: Polypropylene
- Material properties: Self-extinguishing, halogen-free
- Colour: Blue
- Knockouts: 6 x D20mm in side walls, 2 x D20mm in the bottom
- Resistance to heat: 850°C
- Mounting: For concrete walls
- Diameter: 80mm
- Height: 48,5mm
- Weight: 37g

HALOGEN FREE

Catalogue number	Type	Packing (pcs)
34073203	Junction box with cover 80 x 48,5mm	30

Self-extinguishing *CE Declaration of conformity* *Poly propylene* *REACH* *RoHS*





**Element for serial connection: KD71 with cat. number 37015003*

HALOGEN FREE FLUSH-MOUNTED JUNCTION BOXES WITH SCREWS 60MM FOR HOLLOW WALLS, PV60

TECHNICAL DATA
- Material: Polyamide PA6
- Material properties: Self-extinguishing, halogen-free
- Colour: Blue
- Knockouts: 2 x D20mm in side walls, 4 x D10mm in the bottom
- Resistance to heat: 960°C
- Flammability class: UL94 V0
- Mounting: For hollow walls
- Diameter: 68mm
- Spacing of fixing holes: 60mm
- Height: 38,5mm
- Weight: 25,7g

HALOGEN FREE

Catalogue number	Type	Packing (pcs)
32017203	Shallow single junction box 68 x 60 x 38,5mm	60

Self-extinguishing *CE Declaration of conformity* *Poly propylene PA* *REACH* *RoHS*



Scan each QR code to see product price and availability.



HALOGEN FREE FLUSH-MOUNTED DEEP JUNCTION BOXES WITH SCREWS 60MM FOR HOLLOW WALLS, PV6

TECHNICAL DATA

- Material: Polyamide PA6
- Material properties: Self-extinguishing, halogen-free
- Colour: Blue
- Knockouts: 5 x D20mm in side walls, 4 x D10mm in the bottom
- Resistance to heat: 960°C
- Flammability class: UL94 V0
- Mounting: For hollow walls
- Diameter: 68mm
- Spacing of fixing holes: 60mm
- Height: 58,5mm
- Weight: 34,7g

HALOGEN FREE



**Element for serial connection: KD71 with cat. number 37015003*

Catalogue number	Type	Packing (pcs)
32013203	Deep single junction box 68 x 60 x 58,5mm	75

Self-extinguishing *CE Declaration of conformity* PA 6 *Poly propylene PA6* *REACH* *RoHS*



HALOGEN FREE FLUSH-MOUNTED EXTRA DEEP JUNCTION BOXES WITH SCREWS 60MM FOR HOLLOW WALLS, PV60

TECHNICAL DATA

- Material: Polyamide PA6
- Material properties: Self-extinguishing, halogen-free
- Colour: Blue
- Knockouts: 4 x D20mm in side walls, 4 x D10mm in the bottom
- Resistance to heat: 960°C
- Flammability class: UL94 V0
- Mounting: For hollow walls
- Diameter: 68mm
- Spacing of fixing holes: 60mm
- Height: 81mm
- Weight: 41,5g

HALOGEN FREE

**Element for serial connection: KD71 with cat. number 37015003*

Catalogue number	Type	Packing (pcs)
32334203	Extra deep single junction box 68 x 60 x 81mm	60

Self-extinguishing *CE Declaration of conformity* PA 6 *Poly propylene PA6* *REACH* *RoHS*



Scan each QR code to see product price and availability.

PRODUCED FOR **ELMARK** IN POLAND

ELMARK
The Brand of Electricity





HALOGEN FREE FLUSH-MOUNTED DEEP JUNCTION BOXES 70MM WITH COVER FOR HOLLOW WALLS, PV7

This box is equipped with a cover screwed using 4 acid-resistant screws. PV70 is an innovative universal solution that allows for a wide range of application. It can be used to mount fittings in it. It can be used to create installation branches, and as a place to fix various electronic elements. A tightly screwed cover, entering into the box, is included. As an option, it is possible to buy a connector that allows to create multiple blocks of boxes. A single frame of a standard electro technical fittings hides the box flange

TECHNICAL DATA

- Material: Polypropylene
- Material properties: Self-extinguishing, halogen-free
- Colour: Blue
- Knockouts: 2 in side walls, 4 x D20mm in the bottom
- Resistance to heat: 960°C
- Flammability class: UL94 V0
- Screws: Acid-resistant
- Mounting: For hollow walls
- Diameter: 70mm
- Height: 60mm
- Weight: 46,5g

HALOGEN FREE

Catalogue number	Type	Packing (pcs)
32150203	Junction box with cover 74 x 60 x 70mm	12

Self-extinguishing *CE Declaration of conformity* *Poly propylene* *REACH* *RoHS*





**Element for serial connection: KD71 with cat. number 37015003*



HALOGEN FREE FLUSH-MOUNTED DEEP JUNCTION BOXES 70MM WITH COVER FOR HOLLOW WALLS, PV80

This box is equipped with a cover screwed using 4 acid-resistant screws. PV80 is an innovative universal solution that allows for a wide range of application. It can be used to create installation branches, and as a place to fix various electronic elements. A tightly screwed cover, entering into the box, is included. As an option, it is possible to buy a connector that allows to create multiple blocks of boxes. A single frame of a standard electro technical fittings hides the box flange.

TECHNICAL DATA

- Material: Polypropylene
- Material properties: Self-extinguishing, halogen-free
- Colour: Blue
- Knockouts: 2 in side walls, 4 x D20mm in the bottom
- Resistance to heat: 960°C
- Flammability class: UL94 V0
- Screws: Acid-resistant
- Mounting: For hollow walls
- Diameter: 80mm
- Height: 60mm
- Weight: 52,5g

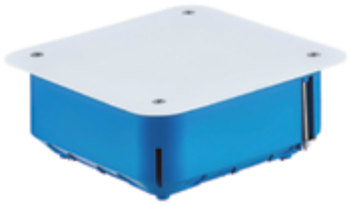
HALOGEN FREE

Catalogue number	Type	Packing (pcs)
32087203	Junction box with cover 83 x 60 x 80mm	10

Self-extinguishing *CE Declaration of conformity* *Poly propylene* *REACH* *RoHS*

Scan each QR code to see product price and availability.

HALOGEN FREE FLUSH-MOUNTED JUNCTION BOXES 120X120MM WITH COVER FOR HOLLOW WALLS, P110







TECHNICAL DATA

- Material: Polypropylene
- Material properties: Self-extinguishing, halogen-free
- Colour: Blue
- Knockouts: 8 x D20mm in the bottom
- Resistance to heat: 960°C
- Flammability class: UL94 V0
- Screws: Acid-resistant
- Mounting: For hollow walls
- Length: 120mm
- Width: 120mm
- Height: 50mm
- Weight: 91g

HALOGEN FREE

Catalogue number	Type	Packing (pcs)
32042203	Junction box with cover 120 x 50 x 120mm	10

Self-extinguishing *CE Declaration of conformity* *Poly propylene* *REACH* *RoHS*

HALOGEN FREE FLUSH-MOUNTED JUNCTION BOXES WITH SCREWS 60MM FOR POLYSYRENE, PST60



PST60 box designed for embedding in polystyrene foam. Installation: Drill a Ø 68 mm hole, push the box in, spread inner spacers outside the box. For stable seating, the box can be additionally covered with building acrylic or mounting glue. The box can be combined into frame sets with the KD71 switch. For the function of mounting external elements (cameras, sensors, brackets, etc.) on the box, the PMST60 mounting plate is screwed to the body of the box.



TECHNICAL DATA

- Material: Polyamide PA6
- Material properties: Self-extinguishing, halogen-free
- Colour: Blue
- Knockouts: 1 x D20mm in side walls, 4 in the bottom
- Resistance to heat: 960°C
- Flammability class: UL94 V0
- Mounting: For polystyrene walls
- Diameter: 68mm
- Spacing of fixing holes: 60mm
- Height: 46mm
- Weight: 24,1g

HALOGEN FREE

Catalogue number	Type	Packing (pcs)
32273003	Single junction box 68 x 60 x 46mm	12

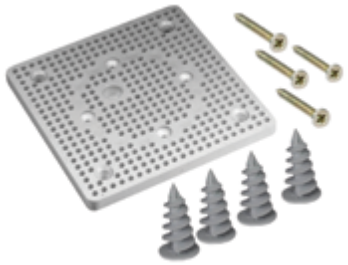
Self-extinguishing *CE Declaration of conformity* *Poly propylene PA6* *REACH* *RoHS*

**Element for serial connection: KD71 with cat. number 37015003*

Scan each QR code to see product price and availability.

PRODUCED FOR **ELMARK** IN POLAND

ELMARK
The Brand of Electricity



PA 6 *Poly propylene PA6* · *REACH* · *RoHS*

MOUNTING PLATE PMST60 FOR POLYSYRENE JUNCTION BOX PST60

PMST60 is a load-bearing mounting plate mounted on a PST60 box or on its own on a polystyrene-insulated wall. It is used to mount elements such as a camera, antenna, sensor, weighing no more than 4 kg, on a building. It is equipped with 4 special plastic spiral pins together with screws.

TECHNICAL DATA
- Material: Polyamide PA6
- Material properties: Self-extinguishing, halogen-free
- Colour: White
- Resistance to heat: 960°C
- Flammability class: UL94 V0
- Mounting: For polysyrene walls
- Length: 110mm
- Width: 110mm
- Height: 8mm
- Weight: 105,4g

Catalogue number	Type	Packing (pcs)
32277006	Mounting plate 110 x 110 x 8mm	1





HALOGEN FREE FLUSH-MOUNTED JUNCTION BOXES WITH SCREWS 60MM FOR WOODEN WALLS, PDD60

The PDD60 specialized box for wooden houses. Its special feature is that it can be installed in a cavity wall, with embedding from the inside. After drilling a mounting hole of Ø 68 mm, the box is fixed in the plaster or paneling with four screws. The extended flange of the box enters the hole to a depth of 12 mm. The box can be fixed with 25mm or 40mm extended screws. The openable bottom of the box allows a smooth insertion of the conductor.

TECHNICAL DATA
- Material: Polyamide PA6
- Material properties: Self-extinguishing, halogen-free
- Colour: Blue
- Knockouts: 8 in side walls, 1 in the bottom
- Resistance to heat: 960°C
- Flammability class: UL94 V0
- Mounting: For wooden walls
- Diameter: 68mm
- Spacing of fixing holes: 60mm
- Height: 58,5mm
- Weight: 50g

HALOGEN FREE

Catalogue number	Type	Packing (pcs)
32223203	Single junction box 68 x 60 x 58,5mm	1



Self-extinguishing · *CE Declaration of conformity* · *Polypropylene PA6* · *REACH* · *RoHS*

Scan each QR code to see product price and availability.

MULTIWALL FLUSH-MOUNTED JUNCTION BOXES WITH SCREWS AND REMOVABLE HALF-PARTITIONS FOR CONCRETE, M60F SERIES

TECHNICAL DATA

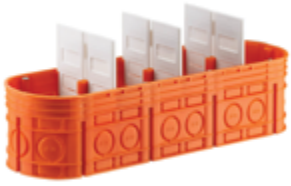
- Material: Polypropylene
- Colour: Orange
- Resistance to heat: 650°C
- Mounting: For concrete walls
- Spacing of fixing holes: 60mm



2-pole junction box M2x60F



3-pole junction box M3x60F



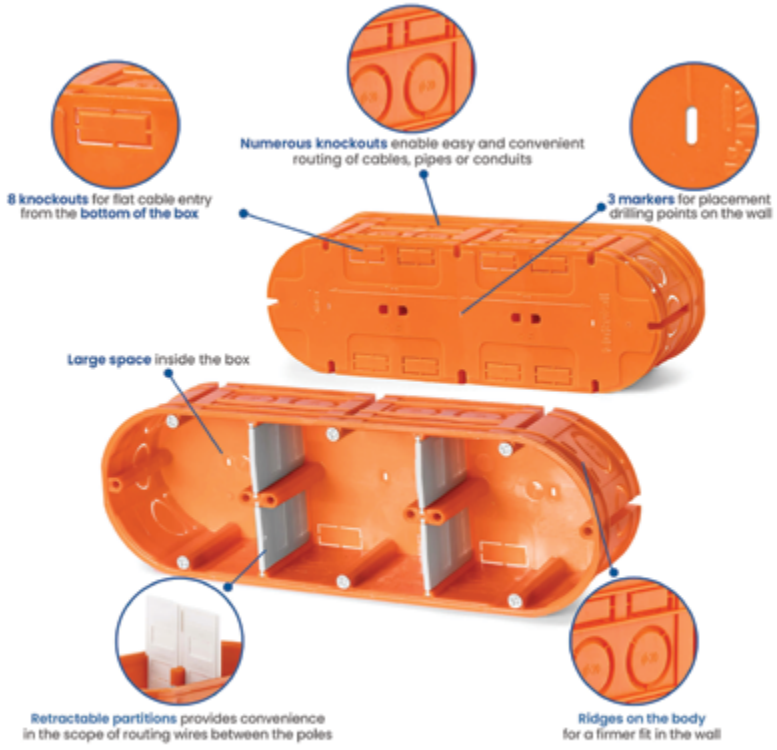
4-pole junction box M4x60F



5-pole junction box M5x60F

Catalogue number	Type	Size (mm)			Packing (pcs)
		Length	Width	Height	
33160008	2-pole junction box M2x60F	141	71	63	37
33167008	3-pole junction box M3x60F	213	71	63	24
33170008	4-pole junction box M4x60F	284	71	63	18
33172008	5-pole junction box M5x60F	354	71	63	15

CE Declaration of conformity *Poly propylene* *REACH* *RoHS*



Scan each QR code to see product price and availability.

PRODUCED FOR **ELMARK** IN POLAND

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MULTIBOX FLUSH-MOUNTED JUNCTION BOXES WITH SCREWS AND REMOVABLE HALF-PARTITIONS FOR HOLLOW WALLS, P60K SERIES

TECHNICAL DATA

- Material: Polyamide PA6
- Material properties: Self-extinguishing, halogen-free
- Colour: Blue
- Resistance to heat: 960°C
- Flammability class: UL94 V0
- Mounting: For hollow walls walls
- Spacing of fixing holes: 60mm

HALOGEN FREE



2-pole junction box P2x60K



3-pole junction box P3x60K



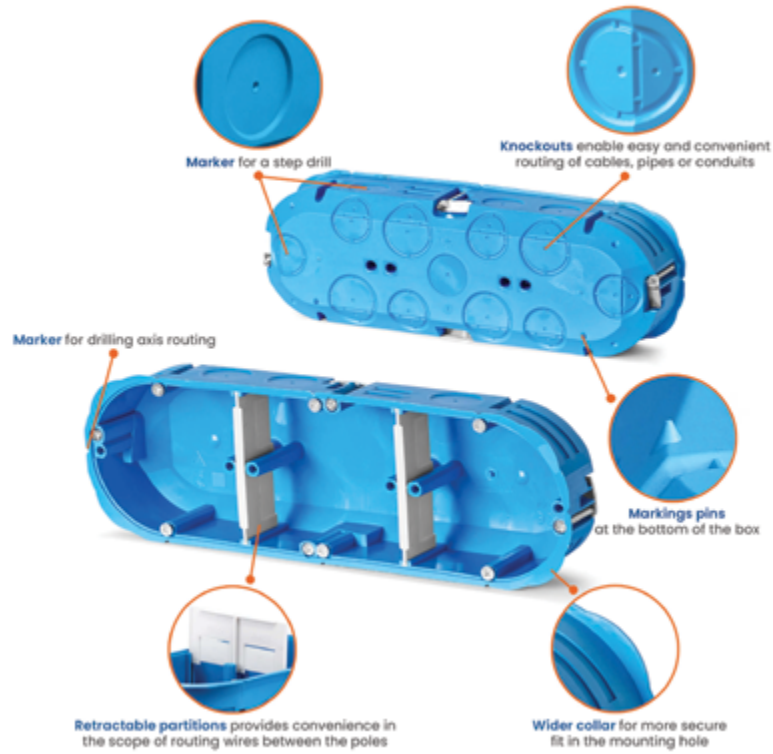
4-pole junction box P4x60K



5-pole junction box P5x60K

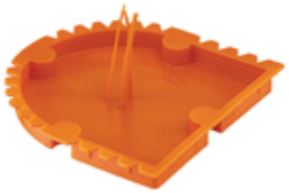
Catalogue number	Type	Size (mm)			Packing (pcs)
		Length	Width	Height	
32322203	2-pole junction box P2x60K	139	68	45	40
32324203	3-pole junction box P3x60K	210	68	45	25
32326203	4-pole junction box P4x60K	281	68	45	20
32328203	5-pole junction box P5x60K	352	68	45	16

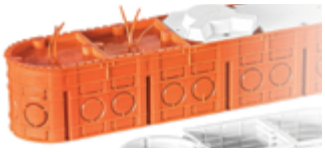
Self-extinguishing | *CE Declaration of conformity* | *Polypropylene PA6* | *REACH* | *RoHS*



Scan each QR code to see product price and availability.

SIGNALING COVER FOR JUNCTION BOXES MULTIWALL AND MULTIBOX, PS1





It covers the outermost holes of the boxes.

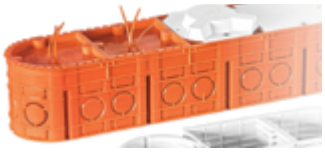
TECHNICAL DATA
- Material: Polyethilene
- Colour: Orange
- Resistance to heat: 650°C
- Dimensions: 70 x 72mm
- Weight: 7g

Catalogue number	Type	Packing (pcs)
37165008	Outermost holes signaling cover 70 x 72mm	50

CE Declaration of conformity *REACH* *RoHS*

SIGNALING COVER FOR JUNCTION BOXES MULTIWALL AND MULTIBOX, PS2





It covers the center holes of the boxes.

TECHNICAL DATA
- Material: Polyethilene
- Colour: Orange
- Resistance to heat: 650°C
- Dimensions: 70 x 72mm
- Weight: 8g

Catalogue number	Type	Packing (pcs)
37166008	Central holes signaling cover 70 x 72mm	50

CE Declaration of conformity *REACH* *RoHS*

EXTENSION RING FOR JUNCTION BOXES MULTIWALL AND MULTIBOX, PDM60Z





PDM60Z consists of 5 segments cut every 6 mm. Increases the depth of the box to 30 mm.

TECHNICAL DATA
- Material: Polyamide PA6
- Material properties: Self-extinguishing, halogen-free
- Colour: White
- Resistance to heat: 960°C
- Flammability class: UL94 V0
- Mounting: Outermost holes on junction Multiwall and Multibox
- Dimensions: 71 x 71 x 30mm
- Weight: 20g

HALOGEN FREE

Catalogue number	Type	Packing (pcs)
37288006	Outermost holes extension ring 71 x 71 x 30mm	24

Self-extinguishing *CE Declaration of conformity* *Polypropylene PA6* *REACH* *RoHS*

EXTENSION RING FOR JUNCTION BOXES MULTIWALL AND MULTIBOX, PDM60W





PDM60W consists of 5 segments cut every 6 mm. Increases the depth of the box to 30 mm.

TECHNICAL DATA
- Material: Polyamide PA6
- Material properties: Self-extinguishing, halogen-free
- Colour: White
- Resistance to heat: 960°C
- Flammability class: UL94 V0
- Mounting: Central holes on junction Multiwall and Multibox
- Dimensions: 71 x 71 x 30mm
- Weight: 18g

HALOGEN FREE

Catalogue number	Type	Packing (pcs)
37289006	Central holes extension ring 71 x 71 x 30mm	24

Self-extinguishing *CE Declaration of conformity* *Polypropylene PA6* *REACH* *RoHS*

EXTENSION RING FOR ROUND JUNCTION BOXES 60MM, PD60X30





PD60X30 consists of 5 segments cut every 6 mm. Increases the depth of the box to 30 mm.

TECHNICAL DATA
- Material: Polyamide PA6
- Material properties: Self-extinguishing, halogen-free
- Colour: White
- Resistance to heat: 960°C
- Flammability class: UL94 V0
- Mounting: On round junction boxes
- Dimensions: 60 x 30mm
- Weight: 25g

HALOGEN FREE

Catalogue number	Type	Packing (pcs)
37012006	Extension ring 60 x 30mm	25

Self-extinguishing *CE Declaration of conformity* *Polypropylene PA6* *REACH* *RoHS*

Scan each QR code to see product price and availability.

WINDPROOF INSERT FOR ROUND JUNCTION BOXES 60MM, WU60





The insert provides a windproof seal in 60mm single installation boxes.

TECHNICAL DATA
- Material: Thermoplastic elastomers
- Colour: White
- Resistance to heat: 960°C
- Flammability class: UL94 V0
- Mounting: On round junction boxes
- Dimensions: 60 x 41mm
- Weight: 25g

HALOGEN FREE

Catalogue number	Type	Packing (pcs)
37443906	Windproof insert 60 x 41mm	10

Flammability class *CE Declaration of conformity* *Thermoplastic elastomers* *REACH* *RoHS*

COVER FOR HALOGEN AND LED DOWNLIGHT, D60



A specialized downlight cover D60 is intended for creating a safe distance between the insulation layer and the source of light in the wall. Mounted LED and halogen lamps need to get rid of the heat, which is created from the internal side of the wall. If there is an insulation layer implemented, it is necessary to "move it away" from the light source for the purpose of fire safety, as well as for the purposes of extending durability of the light source.

TECHNICAL DATA
- Material: Polyamide PA6
- Material properties: Self-extinguishing, halogen-free
- Colour: Blue
- Resistance to heat: 960°C
- Flammability class: UL94 V0
- Diameter: 60-85mm
- Height: 80mm
- Weight: 20g

MOUNTING
- Drill the mounting hole with a diameter 60-85 mm
- Insert the downlight cover into the hole and push it using fingers outwards, so that its teeth get into the sides of the hole.
- Insert the lighting fixture and embed it traditionally with the use of spring wings between the downlight cover's ribs.

HALOGEN FREE

Catalogue number	Type	Packing (pcs)
83300002	Cover for downlight	25

Self-extinguishing *CE Declaration of conformity* *Polypropylene PA6* *REACH* *RoHS*

Scan each QR code to see product price and availability.

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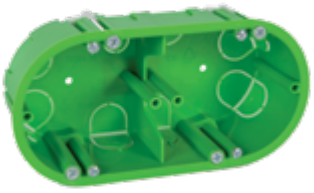
CONSOLE BOX FOR PLASTERBOARD

PRODUCED FOR ELMARK IN BULGARIA



Catalogue number	Type	Packing (pcs)
19274	Single	240
19275	Double	120
19276	Triple	60
19278	Quadruple	50
19279	Fivefold	25

INSTALLATION BOXES FOR HOLLOW WALLS FOR ITALIAN STANDARD ELECTRICAL SWITCHES AND SOCKETS, EC340 SERIES



MAIN TECHNICAL FEATURES

- Made of shock resistance technopolymer
- Resistance to abnormal heat: up to 850°C
- Anti corrosive galvanized steel fixing screws and rings
- Mounting: On hollow plasterboard or wooden walls
- Colour: Blue

PRODUCED FOR ELMARK IN ITALY

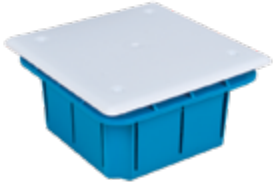


Catalogue number	Module capacity	Hole center distance (mm)	Packing (pcs)
EC34003	3	83,5	10/300
EC34004	4	108,5	10/230
26636	6	100	10/160



DISTRIBUTION BOXES - SQUARE TYPE

PRODUCED FOR ELMARK IN BULGARIA

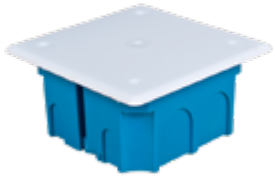


Catalogue number	Type	Size			Packing (pcs)
		L	W	H	
1927402	**Distribution Box** 80/80/50	80	80	50	100
1927400	**Distribution Box** 100/100/50 without screws	100	100	50	40

Scan each QR code to see product price and availability.

DISTRIBUTION BOXES FOR PLASTERBOARD - SQUARE TYPE

PRODUCED FOR ELMARK IN BULGARIA



Catalogue number	Type	Size			Packing (pcs)
		L	W	H	
1927405	Distribution Box 80/80/45	80	80	45	100
1927404	Distribution Box 100/100/45	100	100	45	100

DISTRIBUTION BOXES FOR PLASTERBOARD - ROUND TYPE

PRODUCED FOR ELMARK IN BULGARIA



Catalogue number	Type	Diameter (mm)	Packing (pcs)
1927403	Distribution box Ø65	65	240
1927407	Distribution box Ø70	70	200
1927409	Distribution box Ø80	80	100

DISTRIBUTION BOXES - ROUND TYPE

PRODUCED FOR ELMARK IN BULGARIA



Catalogue number	Type	Diameter (mm)	Packing (pcs)
1927406	Distribution box Ø70	70	300
1927408	Distribution box Ø80	80	200

CAP WITH FASTENING CLIPS

PRODUCED FOR ELMARK IN BULGARIA



Catalogue number	Type	Suitable for holes with diameter (mm)	Packing (pcs)
19277	Cap with clips	60-90	1/200

Scan each QR code to see product price and availability.

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The Brand of Electricity

WATERPROOF JUNCTION BOXES

Documents corresponding to the product:
Standard: EN 60670-1

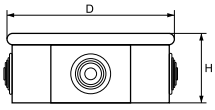
WATERPROOF JUNCTION BOXES IP44, IP55

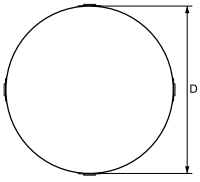
Plastic junction boxes with different shapes and dimensions. Designed for cable lines extension or tapping at cable installations laying. Made of ABS material with openings for input - output conductors, with rubber gasket to provide the corresponding IP code. Resistant to chemical, thermal and UV rays. Direct wall mounting with screws.

TECHNICAL DATA

- Rated voltage: up to 1000V
- Material: ABS
- IP code: IP 55







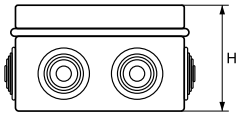
WATERPROOF JUNCTION BOXES IP44

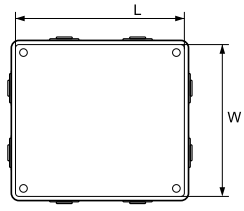
Catalogue number	Box type	Box dimensions (mm)				Gasket dimensions (mm)		IP code	Packing/ Box
		D	L	W	H	d	c		
8070	WB50/50	50	-	-	50	22.5	17	44	500
8071	WB80/50	80	-	-	50	22.5	17	44	200

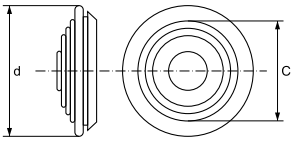


WATERPROOF JUNCTION BOXES IP44

Catalogue number	Box type	Box dimensions (mm)				Gasket dimensions (mm)		IP code	Packing/ Box
		D	L	W	H	d	c		
8072	WB85/85/50	-	85	85	50	22.5	18.5	44	200







Scan each QR code to see product price and availability.

WATERPROOF JUNCTION BOXES IP55



Catalogue number	Box type	Box dimensions (mm)				Gasket dimensions (mm)		IP code	Packing/ Box
		D	L	W	H	d	c		
8073	WB100/100/70	-	100	100	70	30	23	55	100
8076	WB150/110/70	-	150	110	70	28	23	55	60
8074	WB150/150/70	-	150	150	70	35	29	55	60
8075	WB200/100/70	-	200	100	70	35	29	55	50
8077	WB200/155/80	-	200	155	80	35	29	55	30
8078	WB255/200/80	-	255	200	80	35	29	55	30
8079	WB300/250/120	-	300	250	120	35	29	55	20
8080	WB400/350/120	-	400	350	120	35	29	55	5

WATERPROOF JUNCTION BOXES IP55



Catalogue number	Box type	Box dimensions (mm)				Hole/pcs	IP code	Packing/ Box
		L	H	W	d			
8091	WBG 50/50	50	50	50	25	4	55	300
8092	WBG 80/50	80	80	50	25	4	55	240
8093	WBG 85/85/50	85	85	50	25	7	55	200

WATERPROOF JUNCTION BOXES IP65



Catalogue number	Box type	Box dimensions (mm)				Hole/pcs	IP code	Packing/ Box
		L	H	W	d			
8001	WBG 100/100/70	100	100	70	27	7	65	100
8002	WBG 150/110/70	150	110	70	27	10	65	60
8003	WBG 150/150/70	150	150	70	27	7	65	60
8004	WBG 200/100/70	200	100	70	27	8	65	50
8005	WBG 200/155/80	200	155	80	35	10	65	30
8006	WBG 200/200/80	200	200	80	35	12	65	30
8007	WBG 255/200/80	255	200	80	35	12	65	30
8008	WBG 300/250/120	300	250	120	35	12	65	20
8009	WBG 400/350/120	400	350	120	35	16	65	5

Scan each QR code to see product price and availability.

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WATERPROOF JUNCTION BOXES IP54 WITH KNOCK OUTS



Catalogue number	Box type	Box dimensions (mm)			Colour	IP code	Packing / Box
		L	H	W			
8032	CP 1259	80	120	120	Grey	54	1/35
8033	CP 1261	150	110	140	Grey	54	1/16
8034	CP 1262	190	145	140	Grey	54	1/10
8035	CP 1263	250	200	160	Grey	54	1/6
8036	CP 1264	310	230	180	Grey	54	1/6

HALOGEN FREE SMOOTH SIDED JUNCTION BOX WITH TRANSPARENT LID, EC440 SERIES IP56



MAIN TECHNICAL FEATURES:

- Made of thermoresistant ABS
- Big inner volume for industrial application
- Polycarbonate transparent smoky grey screw cover
- High-resistant soft rubber inner gasket
- Internal guide to fix the DIN rail , brass terminal block or back plates
- IP degree: IP56
- Colour: Grey RAL 7035

HALOGEN FREE

PRODUCED FOR ELMARK IN ITALY



Catalogue number	Internal dimensions (mm)	Packing/ Box
EC440C5	150x150x140	1/18
EC440C7	240x190x160	1/8
EC440C9	380x300x180	1/3

HALOGEN FREE POLYETHYLENE JUNCTION BOX, EC411 SERIES IP55



MAIN TECHNICAL FEATURES:

- Made of shock resistant polyethylene technopolymer
- Halogen free
- High resistance to UV rays
- Snap-on cover, assembly without tools
- Cable direct inlets
- Rigid conduits direct inlets (Ø16mm)
- IP degree: IP55
- Colour: Grey RAL 7035

HALOGEN FREE

PRODUCED FOR ELMARK IN ITALY



Catalogue number	Internal dimensions (mm)	Suitable for cables with diameter (mm)	Suitable for conduits with diameter (mm)	Packing/ Box
EC411C1	71x33x30	Ø8 - 14 / Ø7 - 9	Ø16 greater side	1/100
EC411C2	65x65x30	Ø8 - 14	Ø16 all sizes	1/50
EC411C3	75x75x34	Ø8 - 14	Ø16 all sizes	1/36
EC411C4	90x90x34	Ø8 - 14	Ø16 all sizes	1/46

Scan each QR code to see product price and availability.

HALOGEN FREE SMOOTH SIDED JUNCTION BOXES, EC410 SERIES IP56





MAIN TECHNICAL FEATURES:

- Made of thermo resistant halogen free ABS, smooth side
- High-resistant soft rubber inner gasket
- Internal guide to fix the DIN rail, brass terminal blocks or back plate
- IP degree: IP56
- Colour: Grey RAL 7035

HALOGEN FREE

PRODUCED FOR ELMARK IN ITALY

Catalogue number	Internal dimensions (mm)	Packing/ Box
EC410C4	100x100x50	1/100
EC410C4R	120x80x50	1/100
EC410C5	155x110x70	1/42
EC410C6	190x140x70	1/24
EC410C8	300x220x120	1/6
EC410C10	460x380x120	1/4

HALOGEN FREE SMOOTH SIDED 1/4 TURN SCREW QUICK-CLOSING JUNCTION BOXES, EC415 SERIES IP67



MAIN TECHNICAL FEATURES:

- Made of thermo resistant halogen free ABS, smooth side
- Quick-closing 1/4 turn plastic screw
- High-resistant soft rubber inner gasket
- IP degree: IP67
- Colour: Grey RAL 7035

HALOGEN FREE

PRODUCED FOR ELMARK IN ITALY

Catalogue number	Internal dimensions (mm)	Packing/ Box
EC492C4	110x110x60	1/90
EC492C5	160x115x75	1/50

Scan each QR code to see product price and availability.

HALOGEN FREE METRIC KNOCK-OUT JUNCTION BOX, EC49 SERIES IP67



MAIN TECHNICAL FEATURES:

- Made of halogen free ABS
- Halogen free
- 1/4 turn screw system
- Metric inlets from M16 to M32
- IP degree: IP67
- Colour: Grey RAL 7035

HALOGEN FREE

PRODUCED FOR ELMARK IN ITALY

Catalogue number	External dimensions (mm)	Number of knockouts	Knockouts diameter	Max. diameter of pipe	Packing/ Box
EC493C4	110x110x60	7	M16/20/25	25	1/90
EC493C5	160x115x75	10	M16/20/25	25	1/50
EC493C6	200x150x85	10	M20/25/32	32	1/28
EC493C7	250x200x100	12	M20/25/32	32	1/10
EC493C8	310x230x125	12	M20/25/32	32	1/6

SURFACE JUNCTION BOX CUTTER, 10PCS SET



Cutter for knockouts Ø7 mm, Ø11 mm, Ø15 mm for surface boxes. The cutter makes it easy opening the cover.

TECHNICAL DATA

- Material: Polycarbonate
- Colour: Blue
- Cutting sizes: 7, 11 and 15mm
- Weight: 20g

PRODUCED FOR ELMARK IN POLAND

Catalogue number	Type	Packing (pcs)
37400803	Junction boxes cutter	10



PC *Polycarbonate* · *REACH* · *RoHS*

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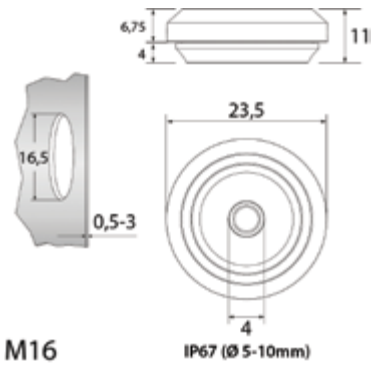
CABLE METRIC MULTI GATES FOR DISTRIBUTION BOXES, IP67

PRODUCED FOR ELMARK IN POLAND



Catalogue number	Model	Size	For cable diameter (mm)	Diameter (mm)	IP degree	Colour	Packing/ Box
34918EP	TSS M16 B	M16	5-10	23.5	IP67	White	1/50
34922EP	TSS M20 B	M20	6-13	27.5	IP67	White	1/50
34927EP	TSS M25 B	M25	8-17	32.5	IP67	White	1/50
34934EP	TSS M32 B	M32	12-24	39.5	IP67	White	1/25
34936EP	TSS M40 B	M40	19-30	47.5	IP67	White	1/25



INSTALLATION BOXES WITH TERMINALS, IP44

TECHNICAL DATA

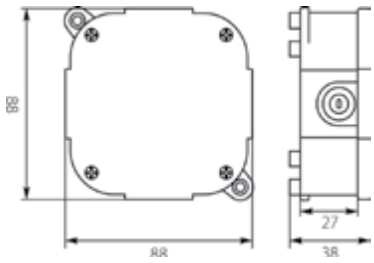
- Material: ABS
- Cable inlets: 4 rubber
- Voltage: 230/400V
- Lid: 4 screw
- Terminal cable section: 1-4mm2
- IP degree: IP44
- Mounting: Surface

PRODUCED FOR ELMARK IN POLAND





Catalogue number	Box model	Colour	Hole QTY	IP degree	Box dimensions (mm)			Packing/ Box
					L	H	D	
61175EP	VP 074-51	White	4	IP44	88	88	38	100
61176EP	VP 074-55	Black	4	IP44	88	88	38	60



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WATERPROOF JUNCTION BOXES IP68

TECHNICAL DATA

- Type: Waterproof junction box
- Voltage: 450V AC
- Rated current: 24A
- Entry QTY: 2, 3, 4, 5, 8
- Terminal Blocks: 3 pole screw fix terminal
- Cable cross section: 0,5-2,5mm2
- Material: UL94V-2 Fire and flame retardant

Catalogue number	Entry QTY	Box dimensions (mm)			Colour	IP code	Packing / Box
		L	H	W			
31076	2	161.74	66.98	38	Black	IP68	1





Catalogue number	Entry QTY	Box dimensions (mm)			Colour	IP code	Packing / Box
		L	H	W			
31077	3	161.74	93.97	38	Black	IP68	1





Scan each QR code to see product price and availability.



Catalogue number	Entry QTY	Box dimensions (mm)			Colour	IP code	Packing / Box
		L	H	W			
31078	4	161.74	93.97	38	Black	IP68	1



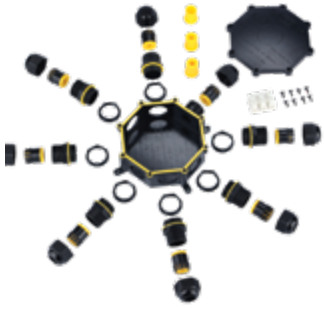


Catalogue number	Entry QTY	Box dimensions (mm)			Colour	IP code	Packing / Box
		L	H	W			
31079	5	161.74	107.86	38	Black	IP68	1





Catalogue number	Entry QTY	Box dimensions (mm)			Colour	IP code	Packing / Box
		L	H	W			
31080	8	170.63	49.3	38	Black	IP68	1



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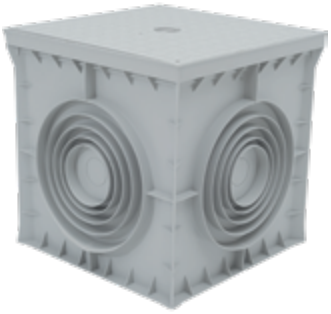
MANHOLE BOXES WITH COVER AND 4 WAYS OUT

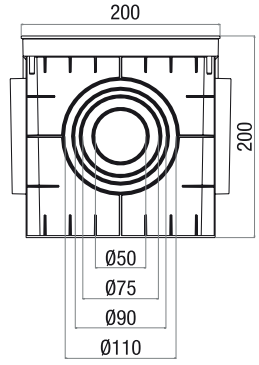


TECHNICAL DATA:

- Material: PP
- Body colour: RAL 7030 grey
- Type of cover: Blank, grey
- Impact resistance: 08
- Outlet cut sizes:
  - CP20: D50; D75; D90; D110 mm
  - CP30: D60 ; D75; D110; D125; D135; D160 mm
  - CP40: D100; D125; D160; D200; D250 mm
- Ambient temperature: from -25° to 60°C
- Breaking load:
  - CP20: 7.4kg/cm²
  - CP30: 4.8kg/ cm²
  - CP40: 2kg/cm²

Catalogue number	Box type	Box dimensions (mm)			Outlet cut sizes (mm)	Impact resistance	Packing/ Box
		L	W	H			
8040	CP-20	200	200	200	D-50/75/90/110	08	1
8041	CP-30	300	300	300	D-60/75/110/125/135/160	08	1
8042	CP-40	400	400	400	D-100/125/160/200/250	08	1

** It is advisable to firmly anchor the manhole boxes to the ground . Prepare a concrete bed of at least 10cm and avoid height differences between the manhole box cover and the ground surface.*



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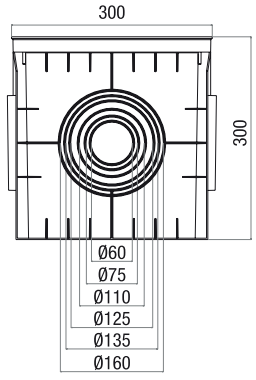

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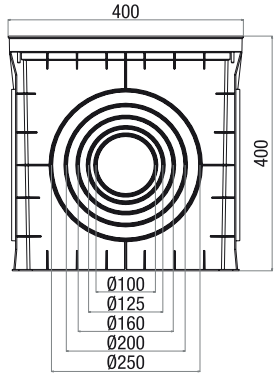

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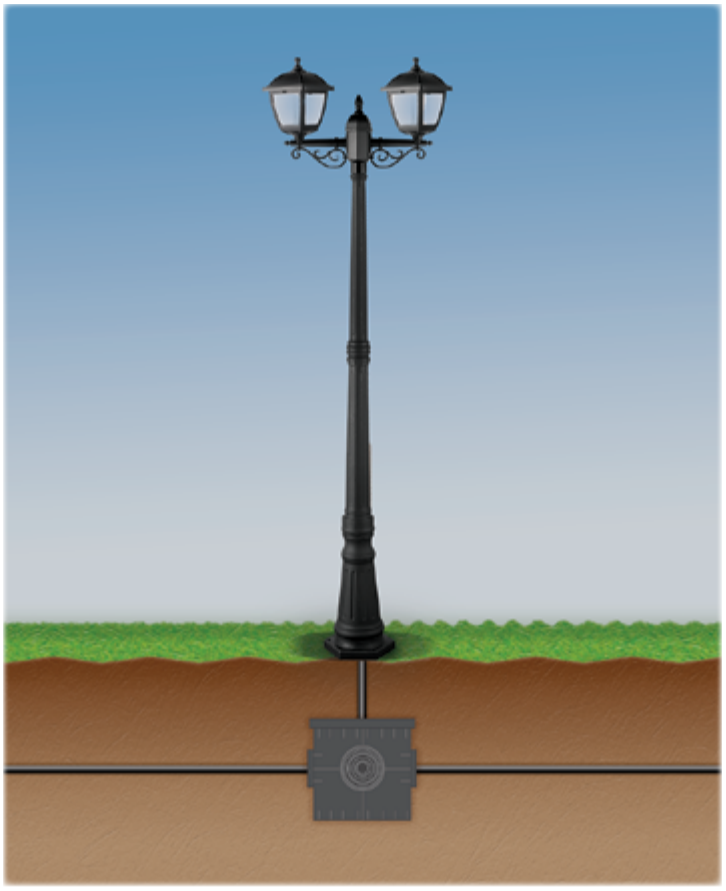

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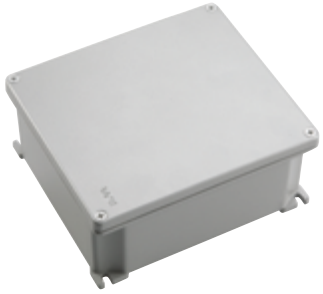
HERMETIC FACADE FLUSH BOX WITH STAINLESS STEEL INOX COVER, IP65

PRODUCED FOR **ELMARK** IN POLAND



Catalogue number	Box type	IK degree	IP degree	Box dimensions (mm)			Packing/ Box
				L	W	H	
64160EP	PPT-EH160 INOX	IK10	IP65	160	160	88	1

WALL MOUNTING ALUMINIUM JUNCTION BOXES, EC485 SERIES



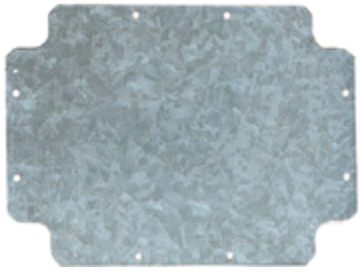
MAIN TECHNICAL FEATURES:

- Bottom and lid made of aluminium alloy EN AB 46100 according to the Reference Standard UNI EN 1676
- Boxes painted with epoxy resin
- Thread: PG
- Polyurethane gaskets, stainless steel AISI 304 screws
- Complete with earth connectors, wall brackets incorporated in the bottom
- Opetarting and installaton temperature range: -40°C to +125°C
- Impact resistance: IK07 (impact up to 2J)
- IP degree: IP66 (IP65 for box wit sizes 410X315X153MM)

PRODUCED FOR **ELMARK** IN ITALY

Catalogue number	Box dimensions (mm)			Box dimensions (mm)			Impact resistance	Packing/Box
	L	W	H	L	W	H		
EC485C1	90	90	53	100	100	59		1/32
EC485C2	128	103	55	140	115	60	8051MP	1/24
EC485C3	154	129	58	166	142	64	8052MP	1/16
EC485C4	178	155	74	192	168	80	8053MP	1/18
EC485C5	239	202	85	253	217	93	8054MP	1/8
EC485C6	294	244	114	314	264	122	8055MP	1/2
EC485C7	392	298	144	410	215	153	8056MP	1/2

EC BACK PLATES FOR WALL MOUNTING ALUMINIUM JUNCTION BOXES, EC485 SERIES



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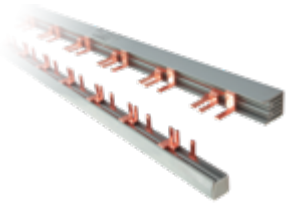
- IP degree: IP66 (IP65 for box wit sizes 410X315X153MM)

PRODUCED FOR **ELMARK** IN ITALY

Catalogue number	For box dimensions (mm)	Plate dimensions (mm)	Hole centre distance (mm)	Packing/ Box
EC455P2	140x115	122x97	107x66	1/30
EC455P3	166x142	147x126	121x98	1/30
EC455P4	192x168	165x124	153x112	1/30
EC455P5	253x217	206x172	188x153	1/20
EC455P6	314x264	254x210	238x198	1/10
EC455P7	410x315	349x260	333x248	1/10
EC485C7	392	410	8056MP	1/2

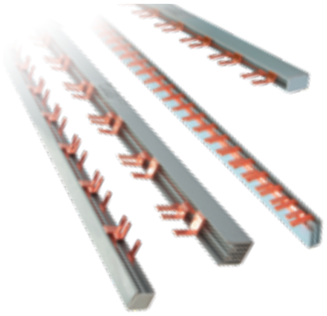
Scan each QR code to see product price and availability.

SUPPLY BUSBARS & DIN RAIL



ECONOMIC SUPPLY BUSBAR

Catalogue number	Type (copper busbar)	Length (m)	Poles (number)	In with one point of power supply	In with two points of power supply	Packing/ Box (pcs)
14163E	1P 63	1	54	63A	80A	20/100
14363E	3P 63	1	18	63A	80A	6/30
14463E	DP 1N	1	56	63A	80A	10/50



SUPPLY BUSBAR

FUNCTIONS

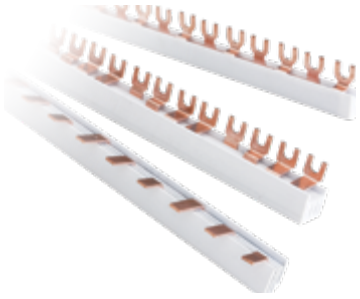
- Enables the supply of a group of conductors
- Provides simultaneous supply
- Conducting section – electro technical copper
- Insulation of the conducting section

TECHNICAL DATA

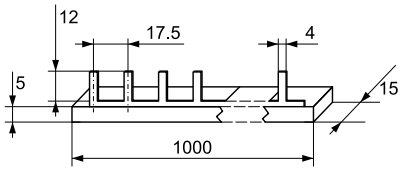
- Rated operating voltage: 230/400V
- Isolating voltage: 500V
- Abnormal heating wear resistance and fire of the outer parts: 960°C/3sec.
- Rated current (phase): 63/100A

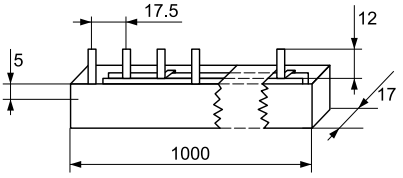
CONNECTING

- To the joining terminal of the breaker



Catalogue number	Type (copper busbar)	Length (m)	Poles (number)	In with one point of power supply	In with two points of power supply	Packing/ Box (pcs)
14163	1P 63	1	54	63A	90A	20/100
14190	1P 100	1	54	100A	120A	20/100
14263	2P 63	1	28	63A	90A	10/50
14363	3P 63	1	18	63A	90A	6/30
14390	3P 100	1	18	100A	120A	5/50
14463	DP 1N	1	56	63A	90A	10/50
14163U	U 1P 63	1	54	63A	90A	20/100
14263U	U 2P 63	1	28	63A	90A	10/50
14363U	U 3P 63	1	18	63A	90A	6/30
14463U	U 4P 63	1	13	63A	90A	5/20





Scan each QR code to see product price and availability.

MOUNTING (DIN) RAILS



14001



14001G

FUNCTIONS

- Serves for mounting breakers, residual current devices, contactors and other elements
- Provides a firm fixation of the elements

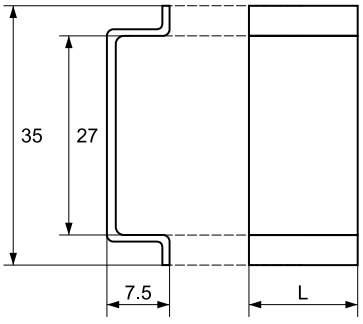
TECHNICAL DATA

- Brass alloy with galvanic cover for 14001
- Cold galvanized brass alloy for 14001G
- Factory drilled mounting openings
- Length: 1m

CONNECTING

- With bolts or other fixing elements to the mounting surface

Catalogue number	Length (m)	Packing / Box (pcs)
14001	1m	20 / 100
14001G	1m	20 / 100



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TERMINALS



ECOMOMIC TERMINAL BLOCKS TBH TYPE

Catalogue number	Type	Pieces in a strip	In (A)	Un (V)	Colour	Section of the conductor (mm^2)	Packing / Box (pcs)
31003E	TBH 3A	12	3	500	Semitransparent	Up to 1.0	10 / 1000
31006E	TBH 6A	12	6	500	Semitransparent	Up to 2.5	10 / 1000



TERMINAL BLOCKS TBH TYPE

Catalogue number	Type	Pieces in a strip	In (A)	Un (V)	Colour	Section of the conductor (mm^2)	Packing / Box (pcs)
31003	TBH 3A	12	3	660	Semitransparent	Up to 1.5	10 / 1000
31006	TBH 6A	12	6	660	Semitransparent	Up to 4	10 / 1000
31010	TBH 10A	12	10	660	Semitransparent	Up to 6	10 / 500
31015	TBH 15A	12	15	660	White	Up to 6	10 / 500
31020	TBH 20A	12	20	660	White	Up to 10	10 / 400



THERMOPLASTIC CONNECTION TERMINAL BLOCKS HALOGEN-FREE, LTA12 BLACK

TECHNICAL DATA

- Body material: Halogen-free polyamide PA 6 + galvanized brass
- Rated voltage: 450/750 V
- Rated impulse withstand voltage (Uimp): 4/6 kV
- Operating temperature: from -25°C to +125°C

HALOGEN FREE

PRODUCED FOR ELMARK IN POLAND

Catalogue number	Pieces in a strip	In (A)	Colour	Solid/stranded conductor cross section (mm^2)	Packing / Box (pcs)
22210217	12	24	450	0.75 - 2.5 / 0.75 - 2.5	1/100
22310217	12	32	450	1.5 - 4. 00 / 1.5 - 2.5	1/100
22412217	12	41	450	2.5 - 6.00 / 2.5 - 4.00	1/100
22512217	12	57	750	4.00 - 10.00 / 4.00 - 6.00	1/100



Self-extinguishing | *CE Declaration of conformity* | PA 6 *Polypropylene PA6* | *REACH* | *RoHS*

Scan each QR code to see product price and availability.

PUSH-IN QUICK CONNECTION TERMINAL BLOCKS



TECHNICAL DATA

- Body material: Polypropylene
- Conductive parts material: Thinned copper
- Contact springs material: AISI 301 stainless steel
- Rated voltage: 450V AC
- Rated current: 10A
- Connection capacity: 0.5-2,5mm2
- Strip length: 11mm
- Suitable with rigid and flexible wires
- Working temperature: from -20 to 90°C
- Dimensions (LxWxH): 125.5x19.8x14.7mm

Catalogue number	Pieces in a strip	In (A)	Colour	Section of the conductor (mm^2)	Packing / Box (pcs)
31019	12	10	White	0.5 - 2.5	1/100/1000

PORCELAIN TERMINAL BLOCKS, CPO-15A WHITE



1 pole terminal block



2 poles terminal block



3 poles terminal block

TECHNICAL DATA

- Body material: Porcelain + nickel plated brass
- Rated voltage: 450 V
- Operating temperature: +350 °C (insert), +800 °C (body)
- Mounting openings: 1P- W/O; 2P- 1; 3P- 2

PRODUCED FOR **ELMARK** IN POLAND

Catalogue number	Number of poles	In (A)	Rated voltage (V)	Solid/stranded conductor cross section (mm^2)	Packing / Box (pcs)
80721516	1	57	450	10.00	1/40
80722516	2	57	450	10.00	1/20
80723516	3	57	450	10.00	1/10

DISTRIBUTION CONNECTOR 5 TRACKS, ZPT5-16.0



TECHNICAL DATA

- Rated voltage: 380 V
- Dimensions: 126 x 73 x 22mm

PRODUCED FOR **ELMARK** IN POLAND

Catalogue number	Number of poles	In (A)	Rated voltage (V)	Solid/stranded conductor cross section (mm^2)	Packing / Box (pcs)
83008007	5	55	380	16.00	1

JUNCTION BOARD



PRODUCED FOR **ELMARK** IN POLAND

LIMITED STOCK

Catalogue number	Model	Wire cross section	Spacing between the mounting holes (mm)	Length (mm)	Width (mm)	Colour	Packing / Box (pcs)
19516EP	ZO-5/16	5x16 mm^2	65	125	77	Black	1

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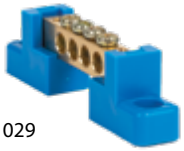
SP 031



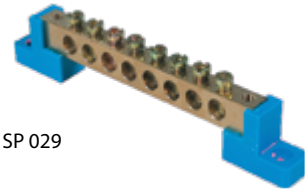
SP 029

ECONOMIC ZERO TERMINALS 6 X 9MM BRASS RAIL

Catalogue number	Rail type	Input wire	Packing/ Box (pcs)
14204E	SP 029-4	4	10/500
14206E	SP 029-6	6	10/800
14208E	SP 029-8	8	20/300
14210E	SP 029-10	10	20/300
14212E	SP 029-12	12	20/250
14304E	SP 031-4	4	5/400
14306E	SP 031-6	6	5/400
14308E	SP 031-8	8	5/400
14310E	SP 031-10	10	5/400
14312E	SP 031-12	12	5/300



SP 031



SP 029

ZERO TERMINALS 8 X 12MM BRASS RAIL

Catalogue number	Rail type	Input wire	Dimensions (mm)			Packing/ Box (pcs)
			Length	Height	Width	
14204	SP 029-4	4	82.9	21.5	12	10/500
14206	SP 029-6	6	100.9	21.5	12	10/800
14208	SP 029-8	8	118.9	21.5	12	20/300
14210	SP 029-10	10	136.9	21.5	12	20/300
14212	SP 029-12	12	182.4	21.5	12	20/250
14304	SP 031-4	4	59.5	31.5	12.4	5/400
14306	SP 031-6	6	76.5	31.5	12.4	5/400
14308	SP 031-8	8	93	31.5	12.4	5/400
14310	SP 031-10	10	111	31.5	12.4	5/400
14312	SP 031-12	12	128	31.5	12.4	5/300



Cat.No: 14002



Cat.No: 14012

ZERO RAILS

They represent a brass rail with rectangular section with factory made openings for the conductors and bolts for clamping of the conductor. They are offered in types with insulated and non-insulated rail. They are used in the electrical distribution boxes for zeroing and earthing.

TECHNICAL DATA

- Material: brass for the current leading elements
- Insulation material: plastic
- Colour: gray/blue
- Application: general
- Ambient temperature: -40 to +65°C

Catalogue number	Rail type	Dimensions (mm)				Bolt	Number of terminals	Packing/ Box (pcs)
		Length (mm)	Height (mm)	Width (mm)	Diameter (mm)			
14002	Brass	1000	7.8	6	5	M4	54	100
14012	Zero insulated	250	-	-	5	M4	16	200

Scan each QR code to see product price and availability.

TERMINAL BLOCK FOR DIN OR BASE

PRODUCED FOR ELMARK IN POLAND



Catalogue number	Wire cross section	Colour	Packing / Box (pcs)
46140EP	2x35 mm^2	Grey	1

TERMINAL BLOCK FOR DIN OR BASE MOUNTING FOR LEADS WITH RING TERMINAL

PRODUCED FOR ELMARK IN POLAND



Catalogue number	Wire cross section	Colour	Packing / Box (pcs)
46240EP	2x35 mm^2	Grey	1

BRANCH DISTRIBUTION BLOCKS AL/CU, SCB 25/35

TECHNICAL DATA

- Body material: Plastic
- Rated voltage: 1000 V AC/DC
- Mounting: On DIN rail

PRODUCED FOR ELMARK IN POLAND





Catalogue number	Input wire	In Cu/Al (A)	Colour	Solid/stranded conductor cross section (mm^2)	Packing / Box (pcs)
81501002	2	152 / 100	Grey	2 x 25.00 / 2 x 16.00	1/5
81501005	2	152 / 100	Green	2 x 25.00 / 2 x 16.00	1/5
81502002	2	202 / 125	Grey	2 x 35.00 / 2 x 25.00	1/5
81502005	2	202 / 125	Green	2 x 35.00 / 2 x 25.00	1/5
81506002	4	428 / 125	Grey	4 x 35.00 / 4 x 25.00	1/5
81504005	4	428 / 125	Green	4 x 35.00 / 4 x 25.00	1/5
81500002	10	202 / 125	Grey	10 x 35.00 / 10 x 25.00	1

CONNECTOR FOR ALUMINIUM AND COPPER WIRES

PRODUCED FOR ELMARK IN POLAND

TECHNICAL DATA

- Material: PA6
- Rated impulse withstand voltage: 6kV
- Rated insulation voltage: 500V
- Rated current: 150A
- Mounting: DIN rail or surface with screws





Catalogue number	Rigid wire cross section	Flexible wire cross section	Colour	Packing / Box (pcs)
103111002EP	1 x 16-70mm2	1 x 25-50mm2	Grey	1
103111003EP	1 x 16-70mm2	1 x 25-50mm2	Yellow Green	1

Scan each QR code to see product price and availability.

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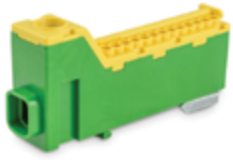
DIN RAIL MOUNTING TERMINAL BLOCKS



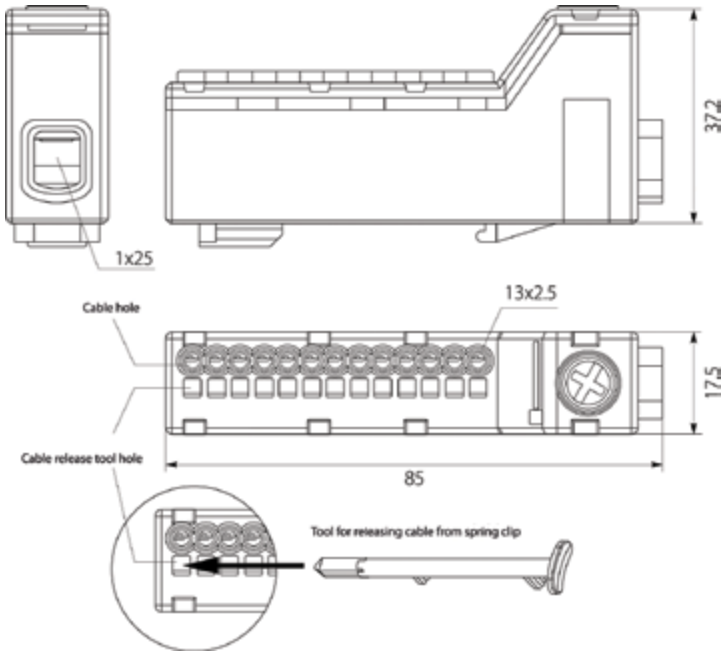


TECHNICAL DATA

- Material: ABS + Galvanized copper
- Rated impulse withstand voltage: 6kV
- Rated insulation voltage: 1000VAC / 1500VDC
- Rated current: 63A
- Mounting: DIN rail

PRODUCED FOR **ELMARK** IN POLAND

Catalogue number	Rigid wire cross section	Flexible wire cross section	Colour	Packing / Box (pcs)
491401EP	1 x 2.5-25mm2 + 13 x 1.5-2.5mm2	1 x 2.5-25mm2	Grey	1
491403EP	1 x 2.5-25mm2 + 13 x 1.5-2.5mm2	1 x 2.5-25mm2	Yellow Green	1



Scan each QR code to see product price and availability.

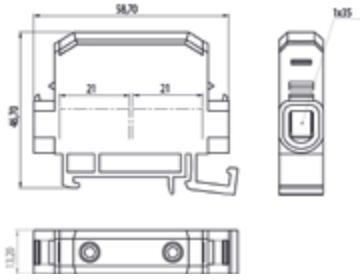
UNIVERSAL SCREW CONNECTORS FOR AL/CU, CU/CU AND AL/AL CONDUCTORS



TECHNICAL DATA

- Body material: Polyamid
- Rated voltage: 800V
- Number of poles: 1; 3
- Screw: Hexagon 5mm
- Mounting: DIN rail or screws by single pole and on DIN rail by three pole
- Working temperature: from -40 to 85°C

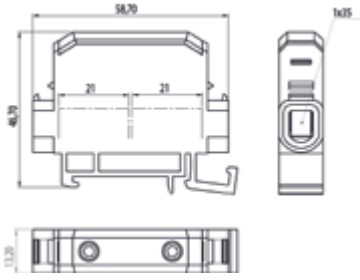
Catalogue number	Number of poles	In (A)	Colour	Section of the conductor (mm^2)	Packing / Box (pcs)
31106G	1	CU 135A / AL120A	Grey	2.5-35mm^2	1/20/600
31106YG	1	CU 135A / AL120A	Yellow-green	2.5-35mm^2	1/20/600
31107G	3	CU 135A / AL120A	Grey	2.5-35mm^2	1/8/240
31107YG	3	CU 135A / AL120A	Yellow-green	2.5-35mm^2	1/8/240
31108G	3	CU 160A / AL145A	Grey	2.5-50mm^2	1/6/180
31108YG	3	CU 160A / AL145A	Yellow-green	2.5-50mm^2	1/6/180

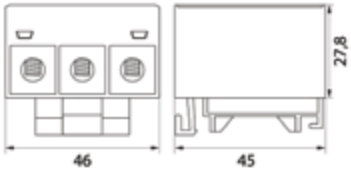


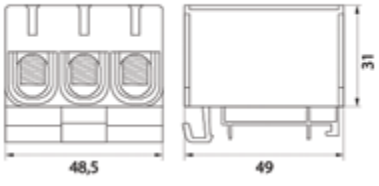












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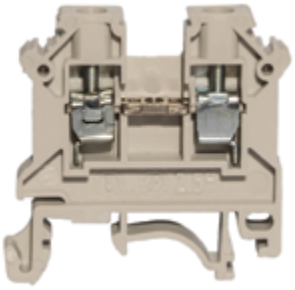


HALOGEN-FREE RAIL MOUNTED SCREW TERMINAL BLOCKS, ZSG1

TECHNICAL DATA
Material: Halogen-free polyamide PA66
Rated voltage: 450V AC
Rated voltage: 800V
Max. impulse rated voltage: 6kV
Mounting: On DIN rail
Flammability class: UL94 V0

HALOGEN FREE

Catalogue number	Type	Colour	Section of the conductor (mm^2)		Rated current (A)	Tightening torque (Nm)	Packing/ Box (pcs)
			Solid core	Multi core			
11221312	ZSG1-2.5N	Grey	0.5 - 2.5	0.5 - 2.5	24	0.4 - 0.6	1/50
11221313	ZSG1-2.5N	Blue	0.5 - 2.5	0.5 - 2.5	24	0.4 - 0.6	1/50
11221311	ZSG1-2.5N	Red	0.5 - 2.5	0.5 - 2.5	24	0.4 - 0.6	1/50
11321312	ZSG1-4.0N	Grey	0.5 - 4.00	0.5 - 4.00	32	0.4 - 1.0	1/50
11321313	ZSG1-4.0N	Blue	0.5 - 4.00	0.5 - 4.00	32	0.4 - 1.0	1/50
11321311	ZSG1-4.0N	Red	0.5 - 4.00	0.5 - 4.00	32	0.4 - 1.0	1/50
11421312	ZSG1-6.0N	Grey	0.5 - 6.00	0.5 - 6.00	41	0.8 - 1.6	1/50
11421313	ZSG1-6.0N	Blue	0.5 - 6.00	0.5 - 6.00	41	0.8 - 1.6	1/50
11421311	ZSG1-6.0N	Red	0.5 - 6.00	0.5 - 6.00	41	0.8 - 1.6	1/50
11521312	ZSG1-10.0N	Grey	1.5 - 10.00	2.5 - 10.00	57	1.2 - 2.0	1/50
11521313	ZSG1-10.0N	Blue	1.5 - 10.00	2.5 - 10.00	57	1.2 - 2.0	1/50
11521311	ZSG1-10.0N	Red	1.5 - 10.00	2.5 - 10.00	57	1.2 - 2.0	1/50

Flammability class *CE Declaration of conformity* *Thermoplastic elastomers* *REACH* *RoHS*



HALOGEN-FREE RAIL MOUNTED SCREW TERMINAL BLOCKS, YELLOW/ GREEN ZSG1

TECHNICAL DATA
Material: Halogen-free polyamide PA66
Rated voltage: 450V AC
Rated voltage: 800V
Max. impulse rated voltage: 6kV
Mounting: On DIN rail
Flammability class: UL94 V0

HALOGEN FREE

Catalogue number	Type	Colour	Section of the conductor (mm^2)		Rated current (A)	Tightening torque (Nm)	Packing/ Box (pcs)
			Solid core	Multi core			
14313319	ZSO1-4.0	Yellow / green	0.5 - 4.00	0.5 - 4.00	32	0.4 - 1.0	1/50
14403319	ZSO1-6.0	Yellow / green	0.5 - 6.00	0.5 - 6.00	41	0.8 - 1.6	1/50
14503319	ZSO1-10.0	Yellow / green	1.5 - 10.00	2.5 - 10.00	57	1.2 - 2.0	1/50

Flammability class *CE Declaration of conformity* *Thermoplastic elastomers* *REACH* *RoHS*

Scan each QR code to see product price and availability.

SPACERS FOR RAIL MOUNTED TERMINAL BLOCKS ZSG1



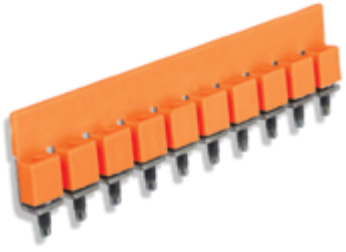
Catalogue number	Type	Colour	Packing/ Box (pcs)
17928302	ZSG1-2.5N / ZSG1-4.0N	Grey	1/50
17929302	ZSG1-6.0N / ZSG1-10.0N	Grey	1/25

END BRACKET FOR RAIL MOUNTED TERMINAL BLOCKS ZSG1



Catalogue number	Colour	Packing/ Box (pcs)
17910312	Grey	1/50

SCREWS CROSS-CONNECTION BUSBAR FOR RAIL MOUNTED SCREW TERMINAL BLOCKS



Catalogue number	Type	Number of poles	Colour	Packing/ Box (pcs)
18221108	ZZ 10–2.5	10	Orange	1/10
18321108	ZZ 10–4.0	10	Orange	1/10
18421108	ZZ 10–6.0	10	Orange	1/10
18521108	ZZ 10–10.0	10	Orange	1/10

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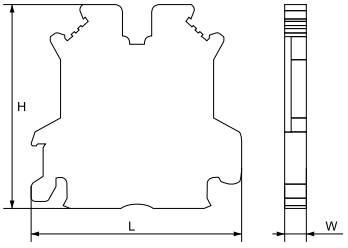
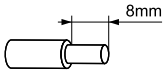
FIXED TERMINAL BLOCKS - LTU2 UK SERIES

Fixed terminal blocks with universal application into electrical distribution boxes. For DIN-rail mounting. Variety of sizes for optimum using of available space by selection of appropriate terminals for the corresponding conductors. Made of non-flammable insulation polymeric material.



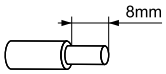
Catalogue number	Type	Section of the conductor (mm^2)		Size of the terminal (mm)			In (A)	Un (V)	Colour	Packing/ Box (pcs)
		Single-core	Multi-core	L	H	W				
31033	LTU2UK 3N	0.2-4	0.2-2.5	42.5	47	5.2	32	800	Grey	50/3000
31032	LTU2UK 3N	0.2-4	0.2-2.5	42.5	47	5.2	32	800	Red	50/3000
31031	LTU2UK 3N	0.2-4	0.2-2.5	42.5	47	5.2	32	800	Black	50/3000
31035	LTU2UK 3N	0.2-4	0.2-2.5	42.5	47	5.2	32	800	Blue	50/3000





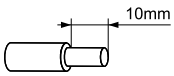
Catalogue number	Type	Section of the conductor (mm^2)		Size of the terminal (mm)			In (A)	Un (V)	Colour	Packing/ Box (pcs)
		Single-core	Multi-core	L	H	W				
31053	LTU2UK 5N	0.2-6	0.2-4	42.5	47	6.2	41	800	Grey	50/2000
31052	LTU2UK 5N	0.2-6	0.2-4	42.5	47	6.2	41	800	Red	50/2000
31051	LTU2UK 5N	0.2-6	0.2-4	42.5	47	6.2	41	800	Black	50/2000
31055	LTU2UK 5N	0.2-6	0.2-4	42.5	47	6.2	41	800	Blue	50/2000





Catalogue number	Type	Section of the conductor (mm^2)		Size of the terminal (mm)			In (A)	Un (V)	Colour	Packing/ Box (pcs)
		Single-core	Multi-core	L	H	W				
31063	LTU2UK 6N	0.2-10	0.2-6	42.5	47	8.2	57	800	Grey	50/1000
31062	LTU2UK 6N	0.2-10	0.2-6	42.5	47	8.2	57	800	Red	50/1000
31061	LTU2UK 6N	0.2-10	0.2-6	42.5	47	8.2	57	800	Black	50/1000
31065	LTU2UK 6N	0.2-10	0.2-6	42.5	47	8.2	57	800	Blue	50/1000



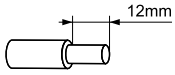


Scan each QR code to see product price and availability.



Catalogue number	Type	Section of the conductor (mm^2)		Size of the terminal (mm)			In (A)	Un (V)	Colour	Packing/ Box (pcs)
		Single-core	Multi-core	L	H	W				
31103	LTU2UK 10N	0.5-16	0.5-10	42.5	47	10.2	76	800	Grey	50/1000
31102	LTU2UK 10N	0.5-16	0.5-10	42.5	47	10.2	76	800	Red	50/1000
31101	LTU2UK 10N	0.5-16	0.5-10	42.5	47	10.2	76	800	Black	50/1000
31105	LTU2UK 10N	0.5-16	0.5-10	42.5	47	10.2	76	800	Blue	50/1000

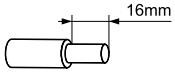






Catalogue number	Type	Section of the conductor (mm^2)		Size of the terminal (mm)			In (A)	Un (V)	Colour	Packing/ Box (pcs)
		Single-core	Multi-core	L	H	W				
31163	LTU2UIK 16	2.5-25	4-16	42.5	47	12.2	101	800	Grey	30/1200
31353	LTU2UIK 35	10-35	10-35	55	62	15.2	125	800	Grey	20/400





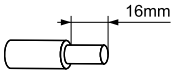


FIXED TERMINAL BLOCKS - JD SERIES

Two-sided insulated fixed terminal blocks designed to connect grounded conductors.
Made of non-flammable insulation polymeric material.

Catalogue number	Type	Section of the conductor (mm^2)		Size of the terminal (mm)			In (A)	Un (V)	Colour	Packing/ Box (pcs)
		Single-core	Multi-core	L	H	W				
31054	5JD	0.2-4	0.2-4	42.5	47	6.2	34	800	Yellow-green	50/1000
31064	6JD	0.2-10	0.2-6	42.5	47	8.2	37	800	Yellow-green	50 /1000
31104	10JD	0.5-10	0.5-6	42.5	47	8.2	61	800	Yellow-green	50/1000
31164	16JD	2.5-25	2.5-16	42.5	47	12.2	108	800	Yellow-green	50/600
31354	35JD	2.5-35	2.5-35	42.5	47	15	135	800	Yellow-green	20/400



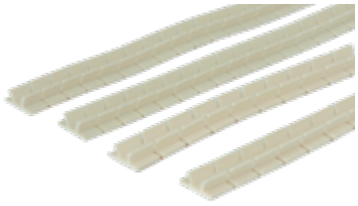




END COVER

Catalogue number	Type	Colour	Thickness (mm)	Packing/ Box (pcs)
31901	EC	Grey	8	200 / 6000

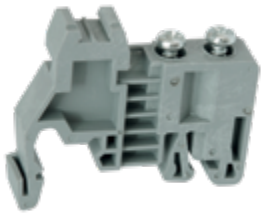
Scan each QR code to see product price and availability.



MARKING TAGS - ZB TYPE

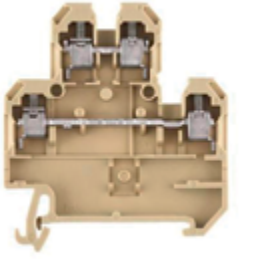
Accessories for marking and separation of different electrical circuits, different voltages and fixing of elements for DIN-rail mounting.

Catalogue number	Type	Pieces in a strip	Colour	Size (mm)	Packing / Box (pcs)
31906	ZB6	20	White	6	100/1200
31908	ZB8	10	White	8	100/1200



UNIVERSAL END FIXED PIECES E/UK TYPE

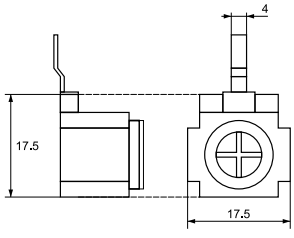
Catalogue number	Type	Colour	Thickness (mm)	Packing/ Box (pcs)
31902	E/UK	Grey	5	200/2400



DOUBLE DECK TERMINAL BLOCKS

Catalogue number	Type	Section of the conductor (mm^2)		Rated current (A)	Rated voltage (V)	Colour	Dimensions (mm)			Packing (pcs.)
		Single-core	Multi-core				L	H	W	
31056D	DDTB4/5N	0.2-6	0.2-4	32	500	Beige	59.9	54	6	50/1000
31053D	DDTB4/5N	0.2-6	0.2-4	32	500	Grey	59.9	54	6	50/1000
31901D	End cover for DDTB4/5N					Grey	54	43.5	1.5	200/6000





INSULATING MOUNTING TERMINAL - TB25

FUNCTIONS

- Provides a firm joining of rigid or flexible conductors up to $35mm^2$ to power supply busbar
- Provides a firm joining of the power supply conductor to the breaker
- Provides enough contact surface of the conductor
- Brass alloy with galvanic cover
- Fabric isolated with plastic cover
- Appropriate for joining to copper or aluminum cables
- Rated voltage: 230V
- Rated current: up to 63A
- Isolating voltage: ≥500V
- IP code: IP>20
- Section of power supply conductor: up to $35mm^2$

Catalogue number	Type	Section of the conductor (mm^2)	Rated current In (A)	Packing / Box (pcs)
31025	TB 25	2.5 to 35	63	20 / 2000

Scan each QR code to see product price and availability.

UNIPOLAR DISTRIBUTION TERMINAL BLOCKS FOR COPPER AND ALUMINUM CONDUCTORS

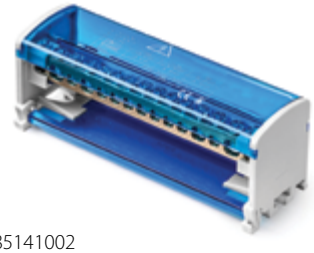


TECHNICAL DATA

- Housing material: PA Nylon
- Terminal material: tin plated brass
- Grade of flame retardant: UL94v-0
- Mounting: DIN rail or screw fixing

Catalogue number	Type	Current (A)	Quantity cross sections mm^2	Dimensions (mm)			Packing (pcs.)
				L	H	W	
319080	PPDTB80	80A	1x 6-16 mm^2 4x 2.5-6 mm^2 2x 2.5-16 mm^2	30	69	49	200
319125	PPDTB125	125A	1x 10-35 mm^2 6x 2.5-16 mm^2	29	77	46	150
319160	PPDTB160	160A	1x 10-70 mm^2 6x 2.5-16 mm^2	29	77	46	150
319250	PPDTB250	255A	1x 35-120 mm^2 8x 2.5-16 mm^2 4x 2.5-10 mm^2	47	96	50	150
319400	PPDTB400	400A	1x 95-185 mm^2 8x 2.5-16 mm^2 4x 2.5-10 mm^2	47	96	50	60

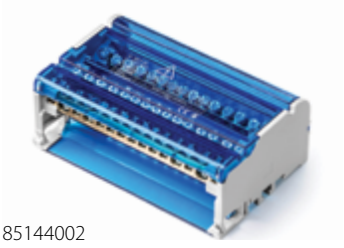
MODULAR DISTRIBUTION BLOCKS



85141002



85143002



85144002

TECHNICAL DATA

- Material: Polyamide + polycarbonate cover + brass rails
- Rated voltage: 500V AC
- Rated short-circuit current: 20kA
- Working temperature: from -25 to + 40°C
- Mounting: On DIN rail

PRODUCED FOR **ELMARK** IN POLAND

Catalogue number	Brass rails QTY	Nominal cross section (mm^2)	Rated current (A)	Tightening torque (Nm)	Size L x W x H (mm)	Packing / Box (pcs)
85141002	2	11 x (2.5-6mm^2) 2 x (10-25mm^2) 2 x (10-35mm^2)	125	2	133 x 41 x 51	1
85143002	4	7 x (2.5-6mm^2) 2 x (10-25mm^2) 2 x (10-35mm^2)	125	2	100 x 84 x 50	1
85144002	4	11 x (2.5-6mm^2) 2 x (10-25mm^2) 2 x (10-35mm^2)	125	2	132 x 84 x 50	1

Scan each QR code to see product price and availability.

2 YEARS TOTAL WARRANTY
+ 2 standard
0 extended

UNIVERSAL SPLICING CONNECTOR WAGO 221 WITH LEVERS FOR SOLID AND STRANDED CONCUCTORS



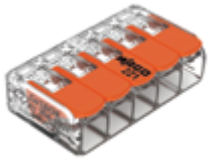
Cat. No: 2212411



Cat. No: 221412 & 22612



Cat. No: 221413 & 221613



Cat. No: 221415 & 221615

TECHNICAL DATA

- Nominal voltage: 450V
- Rated surge voltage: 4kV
- Rated current: 32A/ 41A
- Total number of potentials: 1
- Connection technology: CAGE CLAMP®
- Connectable conductor materials: Copper
- Wiring direction: Side-entry wiring
- Usage: For solid and stranded conductors
- Main housing material: Polycarbonate (PC)
- Flammability class per UL94: V2
- Ambient temperature: +85 °C

PRODUCED FOR **ELMARK** IN GERMANY

Catalogue number	Number of potentials	Clamping units	Section of the conductor (mm^2)	Rated current (A)	Strip length (mm)	Dimensions (mm)		
						L	H	W
2212411	1	2	0,2mm^2- 4mm^2	32	11	8,1	8,9	35,5
221412	1	2	0,2mm^2- 4mm^2	32	11	13,1	8,3	18,6
221413	1	3	0,2mm^2- 4mm^2	32	11	18,8	8,4	18,6
221415	1	5	0,2mm^2- 4mm^2	32	11	30	8,4	18,6
221612	1	2	0,5mm^2- 6mm^2	41	12-14	16	10,1	21,1
221613	1	3	0,5mm^2- 6mm^2	41	12-14	22,9	10,1	21,1
221615	1	5	0,5mm^2- 6mm^2	41	12-14	36,7	10,1	21,1

PUSH WIRE SPLICING CONNECTOR WAGO 2273 FOR SOLID CONCUCTORS



Cat. No: 2273202



Cat. No: 2273203



Cat. No: 2273204



Cat. No: 2273205



Cat. No: 2273208

TECHNICAL DATA

- Nominal voltage: 450V
- Rated surge voltage: 4kV
- Rated current: 24A
- Total number of potentials: 1
- Connection technology: PUSH WIRE®
- Clamping spring material: Chrome-nickel spring steel (CrNi)
- Connectable conductor materials: Electrolytic copper (ECu)
- Contact plating: Tin
- Actuation type: Push-in
- Usage: For solid conductors
- Main housing material: Polycarbonate (PC)
- Flammability class per UL94: V2
- Ambient temperature: +60 °C

PRODUCED FOR **ELMARK** IN GERMANY

Catalogue number	Number of potentials	Clamping units	Section of the conductor (mm^2)	Rated current (A)	Strip length (mm)	Dimensions (mm)		
						L	H	W
2273202	1	2	0,5mm^2- 2,5mm^2	24	11	10	5,8	16,7
2273203	1	3	0,5mm^2- 2,5mm^2	24	11	14	5,8	16,7
2273204	1	4	0,5mm^2- 2,5mm^2	24	11	18	5,8	16,7
2273205	1	5	0,5mm^2- 2,5mm^2	24	11	22	5,8	16,7
2273208	1	8	0,5mm^2- 2,5mm^2	24	11	18	10,4	16,7

Scan each QR code to see product price and availability.

PUSH WIRE SPLICING CONNECTOR WAGO 773 FOR SOLID CONCUCTORS



Cat. No: 773602



Cat. No: 773604



Cat. No: 773606

TECHNICAL DATA

- Nominal voltage: 400V
- Rated surge voltage: 4kV
- Rated current: 32A
- Total number of potentials: 1
- Connection technology: PUSH WIRE®
- Clamping spring material: Chrome-nickel spring steel (CrNi)
- Connectable conductor materials: Electrolytic copper (ECu)
- Contact plating: Tin
- Actuation type: Push-in
- Usage: For solid conductors
- Main housing material: Polycarbonate (PC)
- Flammability class per UL94: V2
- Ambient temperature: +60 °C

PRODUCED FOR **ELMARK** IN GERMANY

Catalogue number	Number of potentials	Clamping units	Section of the conductor (mm^2)	Rated current (A)	Strip length (mm)	Dimensions (mm)		
						L	H	W
773602	1	2	1,5mm^2- 4,0mm^2	32	11	9,2	13,1	19,5
773604	1	4	1,5mm^2- 4,0mm^2	32	11	13	13,1	19,5
773606	1	6	1,5mm^2- 4,0mm^2	32	11	18,8	13,1	19,5

TERMINAL BLOCKS TBF TYPE



Cat. No: 2212411



Cat. No: 221412 & 22612



Cat. No: 221413 & 221613

Catalogue number	Type	Pieces in a terminal	Section of the conductor (mm^2)	Rated current (A)	Rated voltage (V)	Dimensions (mm)			Packing (pcs.)
						L	H	W	
31021	2 terminal block	2	4 mm^2	32	400	12.4	14.5	20.5	5000
31022	3 terminal block	3	4 mm^2	32	400	17.0	14.5	20.5	2500
31023	5 terminal block	5	4 mm^2	32	400	26.6	14.5	20.5	2500

Note: The terminals are compatible with mini water-proof boxes IP68 with catalogue number: 31085, 31086 and 31087 (page 365)

FAST LIGHTING CABLE CONNECTOR



Catalogue number	Type	Pieces in a terminal	Section of the conductor (mm^2)	Rated current (A)	Rated voltage (V	Packing (pcs.)
31024	Lighting connector	3	1.0-2.5mm^2/ 0.5-2.5 mm^2	25	400	1500

2 YEARS TOTAL WARRANTY
2 standard + 0 extended

Scan each QR code to see product price and availability.

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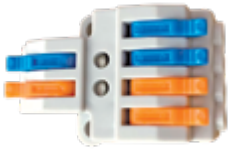
QUICK CONNECTION TERMINAL BLOCKS



Catalogue number	Type	Pieces in a terminal	Section of the conductor (mm^2)	Rated current (A)	Rated voltage (V)	Dimensions (mm)			Packing (pcs.)
						L	W	H	
31026	2P- 2 in/2 out	4	0,75mm^2- 4mm^2	32	250	41.4	25.5	14.4	1/100
31027	3P- 3 in/3 out	6	0,75mm^2- 4mm^2	32	250	41.4	30.5	14.4	1/70
31028	5P- 5 in/5 out	10	0,75mm^2- 4mm^2	32	250	41.4	40.5	14.4	1/50



Catalogue number	Type	Pieces in a terminal	Section of the conductor (mm^2)	Rated current (A)	Rated voltage (V	Dimensions (mm)			Packing (pcs.)
						L	W	H	
31029	2P-2 in/ 4 out	6	0,75mm^2- 4mm^2	32	250	41.4	25.9	14.55	1/50
31030	2P-2 in/ 6 out	8	0,75mm^2- 4mm^2	32	250	41.4	35.9	14.55	1/50



Catalogue number	Type	Pieces in a terminal	Section of the conductor (mm^2)	Rated current (A)	Rated voltage (V	Dimensions (mm)			Packing (pcs.)
						L	W	H	
31034	3P-3 in/ 6 out	9	0,75mm^2- 4mm^2	32	250	41.4	35.9	14.6	1/50
31036	3P-3 in/ 9 out	12	0,75mm^2- 4mm^2	32	250	41.4	48.5	14.6	1/50



Catalogue number	Type	Pieces in a terminal	Section of the conductor (mm^2)	Rated current (A)	Rated voltage (V	Dimensions (mm)			Packing (pcs.)
						L	W	H	
31037	1P-1 in/ 1 out	2	0,75mm^2- 4mm^2	32	250	39.3	8.5	14.5	1/100

Scan each QR code to see product price and availability.

QUICK CONNECTION TERMINAL BLOCK FOR DIN RAIL


1 input / 1 output


2 input / 2 output


3 input / 3 output


4 input / 4 output


5 input / 5 output

Catalogue number	Type	Section of the conductor (mm^2)	Rated current (A)	Rated voltage (V)	Dimensions (mm)			Packing (pcs.)
					L	W	H	
31038	1 input / 1 output	0,5mm^2- 4mm^2	32A	250/600V	8,5	28	14,4	50
31039	2 input / 2 output	0,5mm^2- 4mm^2	32A	250/600V	13,5	28	14,4	100
31038	1 input / 1 output	0,5mm^2- 4mm^2	32A	250/600V	8,5	28	14,4	50
31039	2 input / 2 output	0,5mm^2- 4mm^2	32A	250/600V	13,5	28	14,4	100
31040	3 input / 3 output	0,5mm^2- 4mm^2	32A	250/600V	18,5	28	14,4	70
31041	4 input / 4 output	0,5mm^2- 4mm^2	32A	250/600V	23,5	28	14,4	50
31042	5 input / 5 output	0,5mm^2- 4mm^2	32A	250/600V	28,5	28	14,4	50

MINI WATER-PROOF BOXES, IP68



Catalogue number	Type	Rated current (A)	Rated voltage (V)	Dimensions (mm)			Packing (pcs.)
				L	W	H	
31085	Box for 2 entry terminals	32A	400V	42,4	38	26	20

Note: The terminal is not included. Suitable with terminal 31021 (page 363)







Catalogue number	Type	Rated current (A)	Rated voltage (V)	Dimensions (mm)			Packing (pcs.)
				L	W	H	
31086	Box for 3 entry terminals	32A	400V	52	38	26	15

Note: The terminal is not included. Suitable with terminal 31022 (page 363)







Catalogue number	Type	Rated current (A)	Rated voltage (V)	Dimensions (mm)			Packing (pcs.)
				L	W	H	
31087	Box for 3 in/ 3 out terminals	32A	400V	74	46,2	26	10

Note: The terminal is not included. Suitable with terminal 31023 (page 363)





PRODUCED FOR ELMARK IN POLAND

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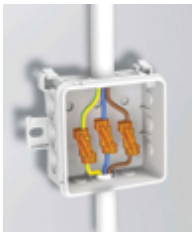


Click and watch product video

INLINE FAST WIRE CONNECTORS FOR SOLID AND STRANDED WIRES, 10PCS SET

TECHNICAL DATA

- Material: Polycarbonate + Tinned copper
- Rated voltage: 450V AC
- Rated current: 32A
- Solid wire cross section: 0.5 - 4mm2
- Stranded wire cross: 1.00 - 2.5mm2
- Stripped wire length: 13mm
- Flame rating: UL94 V2
- Colour: Transparent orange

Catalogue number	Rated voltage	Rated current (A)	Wire cross section	Packing / Box (pcs)
88001108	450V AC	32	0.5 - 4.00mm2	10

FAST WIRE CONNECTORS FOR SOLID AND STRANDED WIRES, 10PCS SET

TECHNICAL DATA

- Material: Polycarbonate + Tinned copper
- Rated voltage: 450V AC
- Rated current: 32A
- Solid wire cross section: 0.5 - 4mm2
- Stranded wire cross: 1.00 - 2.5mm2
- Stripped wire length: 13mm
- Flame rating: UL94 V2
- Colour: Transparent orange



2 cable inlets



3 cable inlets



4 cable inlets

Catalogue number	Number of cable inlets	Rated voltage	Rated current (A)	Wire cross section	Packing / Box (pcs)
88001001	2	450V AC	32	0.5 - 4.00mm2	10
88001008	3	450V AC	32	0.5 - 4.00mm2	10
88001004	4	450V AC	32	0.5 - 4.00mm2	10

Scan each QR code to see product price and availability.



FAST WIRE CONNECTORS FOR SOLID AND STRANDED WIRES, 10PCS SET

TECHNICAL DATA

- Material: Polycarbonate + Tinned copper
- Rated voltage: 450V AC
- Rated current: 32A
- Solid wire cross section: 0.5 - 4mm2
- Stranded wire cross: 1.00 - 2.5mm2
- Stripped wire length: 13mm
- Flame rating: UL94 V2
- Colour: Transparent orange

SET INCLUDE

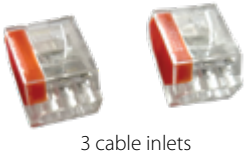
- 2 cable inlets x 30 pcs
- 3 cable inlets x 30 pcs
- 4 cable inlets x 30 pcs
- 5 cable inlets x 30 pcs
- Plastic box x 1 pc

Catalogue number	Rated voltage	Rated current (A)	Wire cross section	Packing / Box (pcs)
88000902	450V AC	32	0.5 - 4.00mm2	1

PUSH IN QUICK CONNECTORS FOR RIGID WIRES



2 cable inlets



3 cable inlets



5 cable inlets



8 cable inlets

TECHNICAL DATA

- Body material: Transparent polycarbonate
- Conductive parts material: Thinned copper
- Contact springs material: AISI 301 stainless steel
- Rated voltage: 450V AC
- Rated current: 24A
- Rigid wire connection capacity: 0.75 - 2.5mm2
- Strip length: 11mm
- Working temperature: from -40 to +85°C
- Contact springs material: AISI 301 stainless steel

Catalogue number	Colour	Number of circuits	Cross section (mm2)	Rated current (A)	Packing / Box (pcs)
31118	Red	2	0.75 - 2.5	24	100/5000
31117	Orange	3	0.75 - 2.5	24	100/5000
31116	Grey	5	0.75 - 2.5	24	100/5000
31115	White	8	0.75 - 2.5	24	100/5000

Scan each QR code to see product price and availability.

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CABLE GLANDS PG TYPE

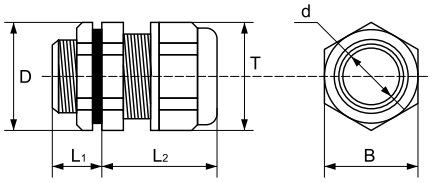
Plastic pipes supplied with the corresponding gaskets and nuts. Designed to provide necessary IP code on the points where conductors pass through the walls of the electric distribution boxes. All cable gland elements are made of high quality plastic (PE) and rubber.

TECHNICAL DATA

- Material: polyethylene (PE)
- Colour: gray
- Application: general
- Ambient temperature: -40 to +65°C
- IP 68

Standard: EN 60 423; 48580-81

Catalogue number	Type	Overlapping field	Dimensions (mm)						Packing/ Box (pcs)
			T	B	d	D	L1	L2	
500070	PG-7	3.5-6.8	16.3	18	12	6.6	10	22	100/4000
500090	PG-9	5-8	18.9	21.7	15.5	8.5	10	25	100/4000
500110	PG-11	6-10	21.7	23.5	18.5	10.4	8.5	29	100/3000
500135	PG-13.5	7-12	23.6	26.5	20	13	10	29	100/2000
500160	PG-16	8-14	26.5	29.3	21.5	14	9	29	100/2000
500190	PG-19	9-17	29	32	23	17	12	29	100/2000
500210	PG-21	10-18	32.3	35.6	28	19	12	35	100/1000
500250	PG-25	15-22	32.6	32.6	29.8	24	13	31	100/1000
500290	PG-29	16-24	41.1	45.4	36	26	12.5	40	50/500
500360	PG-36	18-28	52	58	46	31.5	12.5	45	50/350
500420	PG-42	26-36	57.4	61.9	51	37.6	17.5	47	20/200
500480	PG-48	32-39	65.2	70.7	58	43	21	50	20/200



Scan each QR code to see product price and availability.

EC SELF-EXTINGUISHING CABLE GLANDS PG TYPE, GREY IP68



TECHNICAL DATA

- Material: rigid PA66 nylon, gasket made of EPDM rubber
- Self extinguishing degree V2, according to UL94
- Thread: PG
- Standard: DIN 40430
- IP Degree: IP68
- Colour: Grey RAL 7035/ BLACK

PRODUCED FOR **ELMARK** IN ITALY

Catalogue number	Type	MIN-MAX clamping diameter (mm)	Assembling hole diameter (mm)	Color	Packing/ Box (pcs)
EC51007	PG-7	3 - 6.5	12.5	Grey RAL 7035	50/1200
EC51009	PG-9	4 - 8	15.5	Grey RAL 7035	50/1200
EC51011	PG-11	5 - 10	19	Grey RAL 7035	50/600
EC51013	PG-13.5	6 - 12	20.5	Grey RAL 7035	50/600
EC51016	PG-16	9 - 14	22.5	Grey RAL 7035	50/300
EC51021	PG-21	13 - 18	29	Grey RAL 7035	50/300
EC51029	PG-29	15 - 25	37	Grey RAL 7035	25/150
EC51036	PG-36	20 - 31	47	Grey RAL 7035	15/90
EC51042	PG-42	28 - 38	54	Grey RAL 7035	10/60
EC51048	PG-48	34 - 43	60	Grey RAL 7035	5/30

EC SELF-EXTINGUISHING CABLE GLANDS PG TYPE, BLACK IP68



TECHNICAL DATA

- Material: rigid PA66 nylon, gasket made of EPDM rubber
- Self extinguishing degree V2, according to UL94
- Thread: PG
- Standard: DIN 40430
- IP Degree: IP68
- Colour: Grey RAL 7035/ BLACK

PRODUCED FOR **ELMARK** IN ITALY

Catalogue number	Type	MIN-MAX clamping diameter (mm)	Assembling hole diameter (mm)	Packing/ Box (pcs)
EC51007N	PG-7	3 - 6.5	12.5	50/1200
EC51009N	PG-9	4 - 8	15.5	50/1200
EC51011N	PG-11	5 - 10	19	50/600
EC51013N	PG-13.5	6 - 12	20.5	50/600
EC51016N	PG-16	9 - 14	22.5	50/300
EC51021N	PG-21	13 - 18	29	50/300
EC51029N	PG-29	15 - 25	37	25/150
EC51036N	PG-36	20 - 31	47	15/90
EC51042N	PG-42	28 - 38	54	10/60
EC51048N	PG-48	34 - 43	60	5/30

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

CABLE CONNECTOR

The cable connectors are hopeful way for assembling both cables. The high-temperature and water resistant stability assure to the connector assure a high degree of security even in extreme conditions.



Catalogue number	Type	Section of the conductor (mm^2)	Length (mm)	Diameter (mm)	Cable glands type	IP code	Packing / Box (pcs)
31072	Cable connector 11	2x0.5-2.5	78.3	26.2	PG11	68	50
31120	Cable connector 11	3x0.5-2.5	78.3	23.6	PG11	68	30
31121	Cable connector 16	3x2.5	114	26.5	PG16	68	30
31122	Cable connector 16	5x2.5	114	26.5	PG16	68	30

CABLE CONNECTOR



Catalogue number	Type	Section of the conductor (mm^2)	Length (mm)	Diameter (mm)	Cable glands type	IP code	Packing / Box (pcs)
59245	Cable connector 16	5x1.5- 2.5	115	26.5	PG16	67	50
59246	Cable connector 21	5x4-6	124	33.5	PG21	67	50

WATERPROOF CABLE CONNECTORS, IP68



TECHNICAL DATA

- Body material: Polyamide Pa66
- Contact parts material: Copper
- Rated voltage: 250-450V AC
- Rated current: 16A
- Rigid wire connection capacity: 0.5 - 1.5mm2
- Strip length: 11mm
- Working temperature: from -40 to +85°C
- Type of connection: Screw-less

Catalogue number	Colour	Number of circuits	Section of the conductor (mm^2)	Rated current (A)	Length (mm)	Diameter (mm)	Packing / Box (pcs)
31123	Red/Black	3	0.5 - 1.5	16	125	28	1/12/360
31124	Red/Black	5	0.5 - 1.5	16	145	33	1/12/144

WATERPROOF CABLE CONNECTORS, IP68



TECHNICAL DATA

- Body material: Plastic
- Rated voltage: 400V AC
- Rigid wire connection capacity: 16-35mm2
- Working temperature: from -40 to +85°C
- Type of connection: With screw

Catalogue number	Colour	Number of circuits	Section of the conductor (mm^2)	Length (mm)	Diameter (mm)	Packing / Box (pcs)
31119	Grey	1	16-25-35	126	30	1/500

Scan each QR code to see product price and availability.

Y-TYPE CABLE CONNECTORS, IP68





TECHNICAL DATA

- Material: polyethylene (PE)
- Colour: gray
- Application: general
- Ambient temperature: -40 to +65°C
- IP 68

Catalogue number	Terminal pieces	Section of the conductor (mm^2)	Rated current (A)	Length (mm)	Diameter (mm)	Cable glands type	IP code	Packing/ Box (pcs)
31074	3 pin	0.5-4	24	139.7	32.56	M25	IP68	1
31075	5 pin	0.5-4	24	139.7	32.56	M25	IP68	1

WATERPROOF TERMINAL BOX



Terminal box IP44



Terminal box IP65

Catalogue number	Type	Section of the conductor (mm^2)	Rated current (A)	Voltage (V)	Material	Packing/ Box (pcs)
31071	Terminal box IP44	0.5-4.0	6	450	Polycarbonate	1
31070	Terminal box IP65	0.5-2.5	10	450	Polycarbonate	1

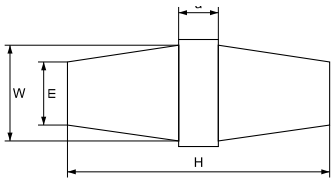
SUPPORT INSULATOR FOR LOW VOLTAGE



Support insulators are used in control and distribution cabinets mounting when bars isolation is required. Provides reliable insulation of live parts.

TECHNICAL DATA

- Rated voltage: 1000V
- Insulating voltage: 5000 V
- Ambient temperature : -40 to +65°C



Catalogue number	Type	Impulse voltage (kV)	Strength	Fasting strength	Bolt	Dimensions (mm)				Packing (pcs.)
						H	W	a	ø	
31725	SM 25	6	500	6	6	25	30	13	23	10/600
31730	SM 30	8	550	8	8	30	32	10	27	10/500
31735	SM 35	10	600	10	8	35	32	10	28	10/400
31740	SM 40	12	650	12	8	40	40	10	33	10/240
31751	SM 51	15	1000	20	8	51	50	12	28	10/240
31776	SM 76	25	1500	40	10	76	45	16	34	10/120

Scan each QR code to see product price and availability.

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INSULATING TAPES



PVC INSULATING TAPE

Soft, flexible with good adhesiveness and flame retardant. Working temperature: 0-80°C.
Electrical strength: 40kV/mm

Catalogue number	Colour	Thickness (mm)	Width (mm)	Length (m)	Packing/ Box (pcs)
51011	Black	0.15	19	10	1/300
51012	White	0.15	19	10	1/300
51013	Blue	0.15	19	10	1/300
51014	Red	0.15	19	10	1/300
51015	Yellow / Green	0.15	19	10	1/300
51021	Black	0.15	19	20	1/200
51022	White	0.15	19	20	1/200
51023	Blue	0.15	19	20	1/200
51024	Red	0.15	19	20	1/200
51025	Yellow / Green	0.15	19	20	1/200



PVC INSULATING TAPE 3M TEMFLEX 1500

Catalogue number	Colour	Thickness (mm)	Width (mm)	Length (m)	Packing/Box (pcs)
M151016	Black	0.15	19	20	10/100



BLACK SELF - AMALGAMATING HIGH VOLTAGE TAPE BISHOP 963

69kV | Waterproof | UV-Resistant | Moisture, corrosion and chemical resistance

Catalogue number	Colour	Width (mm)	Length (m)	Packing/Box (pcs)
M051004	Black	19	9	1

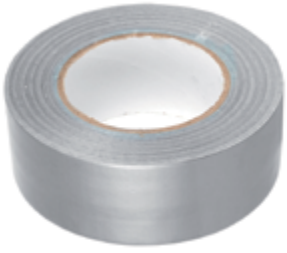
Scan each QR code to see product price and availability.



ALUMINUM TAPE

Ideal for temporary exhaust pipe repair heating, ventilation - electrics and electronics insulation and construction industries

Catalogue number	Colour	Width (mm)	Length (m)	Packing/Box (pcs)
M499469	Aluminium	50	10	1



DUCT TAPE

Ideal for temporary exhaust pipe repair heating, ventilation - electrics and electronics insulation and construction industries.

Catalogue number	Colour	Width (mm)	Length (m)	Packing/Box (pcs)
51055	Grey	50	25	1
M499153	Black	50	25	1



MASKING TAPE

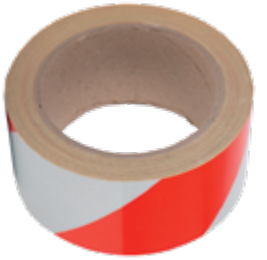
Support insulators are used in control and distribution cabinets mounting when bars isolation is required. Provides reliable insulation of live parts.

Catalogue number	Width (mm)	Length (m)	Packing/Box (pcs)
M516400	25	50	1
M516401	50	50	1



DOUBLE SIDED MOUNTING TAPE

Catalogue number	Width (mm)	Length (m)	Packing/Box (pcs)
M516402	25	5	1
M516403	50	25	1



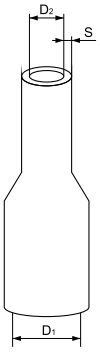
HAZARD TAPE

Catalogue number	Width (mm)	Length (m)	Packing/Box (pcs)
M500179	50	100	1

Scan each QR code to see product price and availability.

HEAT SHRINKAGE TUBES

Standard: EN 60 684





HEAT SHRINKAGE TUBES ZDG TYPE

Thin-wall heat shrinkage tubes are used for insulation of cable connection, at conductors repair to protect the cable head from corrosion, for protection of the cable insulation from water and moisture, for restoring the cable insulation integrity, etc. It is a plastic thin wall pipe which at temperature higher than 120°C shrinks its initial diameter to a certain degree. The material has high temperature and UV rays wear resistance. The material represents the so called permanently netted plastic. This material is obtained as the plastic billet is processed with the help of high energy electron rays so that inner molecular bonds between adjacent molecules are formed. After that the pipe is heated to the boiling point, the pipe inflates, so do the inner molecular bonds. Then the pipe is sharply refrigerated and the molecules stay in the condition of inflated bonds for indefinite long time. Heating the pipe repeatedly (after being mounted to the given cable) the crystals melt again but due to the net structure, they resume the initial pipe diameter and take the form of the cable, pressing it and not allowing the moisture to get under the pipe.

TECHNICAL DATA

- Material: triple cross - linked polyolefin
- Colours: blue, black, red, yellow, yellow-green, green, white
- Shrinkage ratio: min 2 : 1
- Ambient temperature: -40 to + 100°C
- Shrinkage temperature: min 120°C
- Condition of the material during fire exposure: slight burning
- The material does not emit hazardous substances
- Insulation resistance: 1x 10 12 Ω/cm
- Application: general
- Insulating voltage 1000 V

Catalogue number *	Type	D1 (mm)	D2 (mm)	S (mm)	Packing / Box (m)
301001x	ZDG	1	0.5	0.04	200/4000
301115x	ZDG	1.5	0.75	0.04	200/4000
301002x	ZDG	2	1.0	0.05	200/4000
301003x	ZDG	3	1.5	0.05	200/2000
301004x	ZDG	4	2.0	0.08	100/1700
301005x	ZDG	5	2.5	0.08	100/1200
301006x	ZDG	6	3.0	0.08	100/1000
301007x	ZDG	7	3.5	0.08	100/1000
301008x	ZDG	8	4.0	0.08	100/1500
301009x	ZDG	9	4.5	0.08	100/1500
301010x	ZDG	10	5.0	0.08	100/1500
301011x	ZDG	11	5.5	0.08	100/1500
301012x	ZDG	12	6.0	0.08	100/1200
301013x	ZDG	13	6.5	0.08	100/1200
301014x	ZDG	14	7.0	0.08	100/1200
301015x	ZDG	15	7.5	0.08	100/1200
301016x	ZDG	16	8.0	0.08	100/1200
301018x	ZDG	18	9.0	0.08	50/600
301020x	ZDG	20	10	0.08	50/500
301022x	ZDG	22	11	0.08	50/500
301025x	ZDG	25	12.5	0.08	25/600
301028x	ZDG	28	14	0.08	25/300
301030x	ZDG	30	15	0.08	25/300
301035x	ZDG	35	17.5	0.08	25/300
301040x	ZDG	40	20	0.08	25/250
301050x	ZDG	50	25	0.08	25/200
301060x	ZDG	60	30	0.08	25/300
301070x	ZDG	70	35	0.08	25/250
301080x	ZDG	80	40	0.08	25/100
301090x	ZDG	90	45	0.08	25/150
301100x	ZDG	100	50	0.08	25/100
301120x	ZDG	120	60	0.08	25/200
301150x	ZDG	150	75	0.08	25/100

Note: At orders after the catalogue number of the corresponding diameter a letter showing the colour must be added: B – blue; R – red; K - black; G - green; Y – yellow;

Scan each QR code to see product price and availability.



HEAT SHRINKAGE TUBES WITH GLUE GL TYPE

Catalogue number	Type	Colour	Diameter before shrinking (mm)	Wall thickness (mm)	Shrinkage ratio	Packing (m)
3010024GL	GL	Black	D2.4 (≥2.4)	0.7±0.15	3:1	200
3010032GL	GL	Black	D3.2 (3.5±0.3)	0.9±0.15	3:1	200
3010048GL	GL	Black	D4.8 (5.2±0.3)	1.0±0.15	3:1	100
3010064GL	GL	Black	D6.4 (6.8±0.4)	1.2±0.15	3:1	100
3010079GL	GL	Black	D7.9 (8.4±0.4)	1.3±0.15	3:1	100
3010095GL	GL	Black	D9.5 (9.9±0.4)	1.4±0.15	3:1	1.22
3010127GL	GL	Black	D12.7 (13.2±0.5)	1.6±0.20	3:1	1.22
3010150GL	GL	Black	D15.0 (15.6±0.5)	1.8±0.20	3:1	1.22
3010191GL	GL	Black	D19.1 (19.6±0.5)	2.0±0.20	3:1	1.22
3010254GL	GL	Black	D25.4 (25.4±0.8)	2.1±0.20	3:1	1.22
3010300GL	GL	Black	D30.0 (≥30)	2.2±0.20	3:1	1.22
3010390GL	GL	Black	D39 (≥40)	2.4±0.20	3:1	1.22
3010500GL	GL	Black	D50 (≥50)	2.7±0.25	3:1	1.22
3010640GL	GL	Black	D64 (≥60)	3.0±0.25	3:1	1.22



Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

CABLE TAGS – SETS



Catalogue number	Type	Section (mm)	Number in a roller	Packing/ Box (pcs)
318000	EC-0-0	1.5 - 3.2	1000	100
318001	EC-0-1	1.5 - 3.2	1000	100
318002	EC-0-2	1.5 - 3.2	1000	100
318003	EC-0-3	1.5 - 3.2	1000	100
318004	EC-0-4	1.5 - 3.2	1000	100
318005	EC-0-5	1.5 - 3.2	1000	100
318006	EC-0-6	1.5 - 3.2	1000	100
318007	EC-0-7	1.5 - 3.2	1000	100
318008	EC-0-8	1.5 - 3.2	1000	100
318009	EC-0-9	1.5 - 3.2	1000	100
31800A-MIN	EC-0-a	1.5 - 3.2	1000	100
31800B-MIN	EC-0-b	1.5 - 3.2	1000	100
31800R	EC-0-R	1.5 - 3.2	1000	100
31800S	EC-0-S	1.5 - 3.2	1000	100
31800T	EC-0-T	1.5 - 3.2	1000	100
31800N	EC-0-N	1.5 - 3.2	1000	100
31800P	EC-0-P	1.5 - 3.2	1000	100
31800E	EC-0-E	1.5 - 3.2	1000	100
31800A	EC-0-A	1.5 - 3.2	1000	100
31800B	EC-0-B	1.5 - 3.2	1000	100
31800C	EC-0-C	1.5 - 3.2	1000	100
31800Q	EC-0-Q	1.5 - 3.2	1000	100

Catalogue number	Type	Section (mm)	Number in a roller	Packing/ Box (pcs)
318010	EC-1-0	2.6 - 4.2	1000	150
318011	EC-1-1	2.6 - 4.2	1000	150
318012	EC-1-2	2.6 - 4.2	1000	150
318013	EC-1-3	2.6 - 4.2	1000	150
318014	EC-1-4	2.6 - 4.2	1000	150
318015	EC-1-5	2.6 - 4.2	1000	150
318016	EC-1-6	2.6 - 4.2	1000	150
318017	EC-1-7	2.6 - 4.2	1000	150
318018	EC-1-8	2.6 - 4.2	1000	150
318019	EC-1-9	2.6 - 4.2	1000	150
31801A-MIN	EC-1-a	2.6 - 4.2	1000	150
31801B-MIN	EC-1-b	2.6 - 4.2	1000	150
31801R	EC-1-R	2.6 - 4.2	1000	150
31801S	EC-1-S	2.6 - 4.2	1000	150
31801T	EC-1-T	2.6 - 4.2	1000	150
31801N	EC-1-N	2.6 - 4.2	1000	150
31801P	EC-1-P	2.6 - 4.2	1000	150
31801E	EC-1-E	2.6 - 4.2	1000	150
31801A	EC-1-A	2.6 - 4.2	1000	150
31801B	EC-1-B	2.6 - 4.2	1000	150
31801C	EC-1-C	2.6 - 4.2	1000	150
31801Q	EC-1-Q	2.6 - 4.2	1000	150

Scan each QR code to see product price and availability.



Catalogue number	Type	Section (mm)	Number in a roller	Packing/ Box (pcs)
318020	EC-2-0	3.6 - 5.2	500	150
318021	EC-2-1	3.6 - 5.2	500	150
318022	EC-2-2	3.6 - 5.2	500	150
318023	EC-2-3	3.6 - 5.2	500	150
318024	EC-2-4	3.6 - 5.2	500	150
318025	EC-2-5	3.6 - 5.2	500	150
318026	EC-2-6	3.6 - 5.2	500	150
318027	EC-2-7	3.6 - 5.2	500	150
318028	EC-2-8	3.6 - 5.2	500	150
318029	EC-2-9	3.6 - 5.2	500	150
31802A-MIN	EC-2-a	3.6 - 5.2	500	150
31802B-MIN	EC-2-b	3.6 - 5.2	500	150
31802R	EC-2-R	3.6 - 5.2	500	150
31802S	EC-2-S	3.6 - 5.2	500	150
31802T	EC-2-T	3.6 - 5.2	500	150
31802N	EC-2-N	3.6 - 5.2	500	150
31802P	EC-2-P	3.6 - 5.2	500	150
31802E	EC-2-E	3.6 - 5.2	500	150
31802A	EC-2-A	3.6 - 5.2	500	150
31802B	EC-2-B	3.6 - 5.2	500	150
31802C	EC-2-C	3.6 - 5.2	500	150
31802Q	EC-2-Q	3.6 - 5.2	500	150

Catalogue number	Type	Section (mm)	Number in a roller	Packing/ Box (pcs)
318030	EC-3-0	5 - 7.2	250	150
318031	EC-3-1	5 - 7.2	250	150
318032	EC-3-2	5 - 7.2	250	150
318033	EC-3-3	5 - 7.2	250	150
318034	EC-3-4	5 - 7.2	250	150
318035	EC-3-5	5 - 7.2	250	150
318036	EC-3-6	5 - 7.2	250	150
318037	EC-3-7	5 - 7.2	250	150
318038	EC-3-8	5 - 7.2	250	150
318039	EC-3-9	5 - 7.2	250	150
31803A-MIN	EC-3-a	5 - 7.2	250	150
31803B-MIN	EC-3-b	5 - 7.2	250	150
31803R	EC-3-R	5 - 7.2	250	150
31803S	EC-3-S	5 - 7.2	250	150
31803T	EC-3-T	5 - 7.2	250	150
31803N	EC-3-N	5 - 7.2	250	150
31803P	EC-3-P	5 - 7.2	250	150
31803E	EC-3-E	5 - 7.2	250	150
31803A	EC-3-A	5 - 7.2	250	150
31803B	EC-3-B	5 - 7.2	250	150
31803C	EC-3-C	5 - 7.2	250	150
31803Q	EC-3-Q	5 - 7.2	250	150

Scan each QR code to see product price and availability.

CABLE REELS & CABLES

- CABLE REELS
- MULTI-PLUGS AND ACCESSORIES
- OUTSIDE POWER CABLES
- INSIDE POWER CABLES
- INSTALLATION CONDUCTORS
- CABLES WITH RUBBER INSULATION
- COMMUNICATION CABLES



EMPTY INDUSTRIAL CABLE REELS SERIES 699



MAIN TECHNICAL FEATURES

- With galvanized and painted metallic support
- Drum with internal automatic brake system and cable blocking clamp
- Equiped with handle for rewinding
- Colour: Grey RAL 7035

PRODUCED FOR **ELMARK** IN ITALY

Catalogue number	Installable sockets	Drum diameter (mm)	Dimensions (mm)			Packing / Box (pcs)
			W	H	D	
EC69901	2	330	255	355	400	1



PRODUCED FOR **ELMARK** IN ITALY

Catalogue number	Installable sockets	Drum diameter (mm)	Dimensions (mm)			Packing / Box (pcs)
			W	H	D	
EC69903	4	400	255	430	520	1

INDUSTRIAL CABLE REELS SERIES 699



MAIN TECHNICAL FEATURES

- With galvanized and painted metallic support
- Drum with internal automatic brake system and cable blocking clamp
- Rated voltage: 230/400V
- Insulation voltage: 500/690V
- Thermal circuit breaker >55°C restorable
- Equipped with handle for rewinding
- Colour: Grey RAL 7035
- Standard: EN 61242; EN 61316

PRODUCED FOR **ELMARK** IN ITALY



Catalogue number	Installed sockets	Plug type	Cable type	Cable specification	Cable length (m)	IP Degree	Packing / Box (pcs)
EC6992021	2 x 2P+E	2P+E	H05VV-F	3x1,5mm²	30	IP44	1
EC6992131L	2 x 2P+E	2P+E	H07NRF	3x2,5mm²	40	IP55	1
EC6992134L	2 x 3P+E	3P+E	H07NRF	4x2,5mm²	40	IP55	1
EC6992136	1 x 2P+E + 1 x 3P+N+E	3P+N+E	H07NRF	5x2,5mm²	20	IP55	1

3 YEARS TOTAL WARRANTY
3 standard
0 extended

3 YEARS TOTAL WARRANTY
3 standard
+ 0 extended



CABLE REEL WITH THERMAL PROTECTION - MAK - 2A

Catalogue number	Cable type	Cable specification	Cable length (m)	Packing / Box (pcs)
47911	H05VV-F	3 x 1.5mm²	10	4



CABLE REEL WITH THERMAL PROTECTION - MAK - 3

Catalogue number	Cable type	Cable specification	Cable length (m)	Packing / Box (pcs)
47921	H05VV-F	3 x 1.5mm²	20	4



CABLE REEL WITH THERMAL PROTECTION - MAK - 4

Catalogue number	Cable type	Cable specification	Cable length (m)	Packing / Box (pcs)
47927	H05VV-F	3 x 1.5mm²	25	2
47940	H05VV-F	3 x 1.5mm²	40	1
47950	H05VV-F	3 x 1.5mm²	50	2



CABLE REEL - HJR TYPE, IP 44

Catalogue number	Type	Cable type	Cable specification	Cable length (m)	Packing / Box (pcs)
47960	HJR - 10AP	H07RN-F	3 x 1.5mm²	25	2

Scan each QR code to see product price and availability.



CABLE REEL - HJR TYPE, IP 44

Catalogue number	Type	Cable type	Cable specification	Cable length (m)	Packing / Box (pcs)
47959	HJR - 10P	H07RN-F	3 x 1.5mm²	50	1



CABLE REEL - GEH TYPE, IP 44

Catalogue number	Type	Cable type	Cable specification	Cable length (m)	Packing / Box (pcs)
47961	GEH-39	H07RN-F	3 x 1.5mm²	27+3	1



CABLE REEL - GEH TYPE, IP 44

Catalogue number	Type	Cable type	Cable specification	Cable length (m)	Packing / Box (pcs)
47962	GEH-40	H07RN-F	3 x 1.5mm²	47+3	1



EMPTY CABLE REEL 029A

Catalogue number	Suitable for cable type	Outlets	Packing / Box (pcs)
47910	H05VV-F 3G1.5mm2- max 40m/ 3G1.0mm2- max 50m	4 socket 16A/230V	1

3 YEARS TOTAL WARRANTY
3 standard
0 extended

3 YEARS TOTAL WARRANTY
3 standard
0 extended

ELMARK
The Brand of Electricity

MULTI-PLUGS



DESKTOP MULTI-PLUGS WITH 3 GERMAN + 2 USB SOCKETS + ON/OFF KEY, SET

- Rated voltage: 230V AC
- Rated current: 16A
- Material: Aluminum alloy + PC
- Cable type: 3G1.5mm²
- Cable length: 2 meters
- USB Output: 2x5V/2.1A

Catalogue number	Colour	Functional part colour	Length (mm)	Diameter (mm)	Cut size (mm)	Packing / Box (pcs)
47006	Silver	Black	367	60	61	1/20



THREE WAY CLIP MULTI-PLUG

LIMITED STOCK

Catalogue number	Cable type	Cable specification	Cable length (m)	Colour	Material
47003	H05VV-F	3 x 1.0mm²	1.5m	White & Grey	PP+ABS



EXTENSION CORDS

Catalogue number	Type	Cable type	Cable specification	Cable length (m)	Cable colour
47333	Extension cord	H05VV-F	3G1.5mm²	10	Orange
47334	Extension cord	H05VV-F	3G1.5mm²	15	Orange



POWER CABLE

PRODUCED FOR ELMARK IN BULGARIA

Catalogue number	Cable type	Cable specification	Cable length (m)	Cable colour
47001	H05VV-F	3G1.5mm²	2	White

Note: Warranty not available.

Scan each QR code to see product price and availability.

3 YEARS TOTAL WARRANTY
3 standard
0 extended

MULTI-PLUG 3 HOLES WITH KEY



Catalogue number	Type	Cable type	Cable specification	Cable length (m)	Packing / Box (pcs)
47332	3 holes	H05VV-F	3G1.5mm²	2	1/40

MULTI-PLUGS 4 HOLES WITH KEY



Catalogue number	Type	Cable type	Cable specification	Cable length (m)	Packing / Box (pcs)
47432	4 holes	H05VV-F	3G1.5mm²	2	1/40

MULTI-PLUG 6 HOLES WITH KEY



Catalogue number	Type	Cable type	Cable specification	Cable length (m)	Packing / Box (pcs)
47632	6 holes	H05VV-F	3G1.5mm²	2	1/25

MULTI-PLUG 8 HOLES WITH KEY



Catalogue number	Type	Cable type	Cable specification	Cable length (m)	Packing / Box (pcs)
47732	8 holes	H05VV-F	3G1.5mm²	2	1/25

Scan each QR code to see product price and availability.

3 YEARS TOTAL WARRANTY
3 standard
0 extended



MULTIPLUG - HX-3N TYPE

Catalogue number	Type	Cable type	Cable specification	Cable length (m)	Packing (pcs)
47031	HX-3N	H05VV-F	3 x 1.0mm²	1.5m	40
47080	HX-3N	H05VV-F	3 x 1.5mm²	3.0m	5 / 40
47081	HX-3N	H05VV-F	3 x 1.5mm²	5.0m	5 / 40

Max.3500W,16/250~



MULTIPLUG - HX-4N TYPE

Catalogue number	Type	Cable type	Cable specification	Cable length (m)	Packing (pcs)
47041	HX-4N	H05VV-F	3 x 1.0mm²	1.5m	50
47082	HX-4N	H05VV-F	3 x 1.5mm²	3.0m	30
47083	HX-4N	H05VV-F	3 x 1.5mm²	5.0m	25

Max.3500W,16/250~



MULTIPLUG - HX-6N TYPE

Catalogue number	Type	Cable type	Cable specification	Cable length (m)	Packing (pcs)
47061	HX-6N	H05VV-F	3 x 1.0mm²	1.5m	50
47063	HX-6N	H05VV-F	3 x 1.5mm²	3.0m	40
47065	HX-6N	H05VV-F	3 x 1.5mm²	5.0m	40

Max.3500W,16/250~

Scan each QR code to see product price and availability.



MULTIPLUG WITH KEY HKX-3N TYPE

Catalogue number	Type	Cable type	Cable specification	Cable length (m)	Packing (pcs)
47131	HKX-3N	H05VV-F	3 x 1.0mm²	1.5m	5/40
47133	HKX-3N	H05VV-F	3 x 1.5mm²	3.0m	5/30
47135	HKX-3N	H05VV-F	3 x 1.5mm²	5.0m	5/25

Max.3500W,16/250~



MULTIPLUG WITH KEY HKX-4N TYPE

Catalogue number	Type	Cable type	Cable specification	Cable length (m)	Packing (pcs)
47142	HKX-4N	H05VV-F	3 x 1.0mm²	1.5m	5/40
47143	HKX-4N	H05VV-F	3 x 1.5mm²	3.0m	5/30
47145	HKX-4N	H05VV-F	3 x 1.5mm²	5.0m	5/25

Max.3500W,16/250~



MULTIPLUG WITH KEY HKX-6N TYPE

Catalogue number	Type	Cable type	Cable specification	Cable length (m)	Packing (pcs)
47162	HKX-6N	H05VV-F	3 x 1.0mm²	1.5m	5 / 40
47163	HKX-6N	H05VV-F	3 x 1.5mm²	3.0m	5 / 30
47165	HKX-6N	H05VV-F	3 x 1.5mm²	5.0m	5 / 25

Max.3500W,16/250~

3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.

PRODUCED FOR ELMARK IN BULGARIA

ELMARK
The Brand of Electricity

ADAPTERS - DOUBLE | WHITE



Catalogue number	Type	Colour	Rated current in (A)	Rated power in (W)	Packing (pcs)
192213	Adapter double	White	16	3500	50
192211	Adapter double with key	White	16	3500	50

ADAPTERS - TRIPLE | WHITE



Catalogue number	Type	Colour	Rated current in (A)	Rated power in (W)	Packing (pcs)
192209	Adapter triple	White	16	3500	40
192207	Adapter triple with key	White	16	3500	40

ADAPTERS - DOUBLE | GRAPHITE



Catalogue number	Type	Colour	Rated current in (A)	Rated power in (W)	Packing (pcs)
192212	Adapter double	Graphite	16	3500	50
192210	Adapter double with key	Graphite	16	3500	50

ADAPTERS - TRIPLE | GRAPHITE



Catalogue number	Type	Colour	Rated current in (A)	Rated power in (W)	Packing (pcs)
192208	Adapter triple	Graphite	16	3500	40
192206	Adapter triple with key	Graphite	16	3500	40

Scan each QR code to see product price and availability.

MULTI-SOCKET



Catalogue number	Type	Colour	Rated current in (A)	Rated power in (W)	Packing (pcs)
192216	Multi-socket double	Black	16	3500	60
192217	Multi-socket double	White	16	3500	60
192218	Multi-socket triple	Black	16	3500	60
192219	Multi-socket triple	White	16	3500	60

RUBBER FEMALE TRIPLE SOCKET



Catalogue number	Type	Rated current in (A)	Colour	Poles	Packing (pcs)
192140/BL	Trippe socket	16A	Black	1P+N+E	1/10/60

RUBBER MULTI-SOCKET





Catalogue number	Type	Colour	Rated current in (A)	Rated power in (W)	Packing (pcs)
192120/WH	Multi-socket triple	White	16	3500	20
192120/BL	Multi-socket triple	Black	16	3500	20

Scan each QR code to see product price and availability.

PRODUCED FOR ELMARK IN BULGARIA

ELMARK
The Brand of Electricity



RUBBER SCHUKO SOCKETS

Catalogue number	Type	Colour	Rated current In (A)	Material	Packing (pcs)
192119/WH	Socket	White	16	Rubber	25
192119/BL	Socket	Black	16	Rubber	25



RUBBER FEMALE SOCKET PLUG

Catalogue number	Type	Rated current In (A)	Colour	Poles	Packing (pcs)
192136/BL	Rubber socket plug	16A	Black	2P+E	1/30/180



RUBBER SCHUKO PLUG

Catalogue number	Type	Rated current In (A)	Colour	Material	Packing (pcs)
192118/WH	Plug	16	White	Rubber	25
192118/BL	Plug	16	Black	Rubber	25
192118/R	Plug	16	Red	Rubber	25



RUBBER MALE SCHUKO PLUG

Catalogue number	Type	Rated current In (A)	Colour	Poles	Packing (pcs)
192135/BL	Rubber plug	16A	Black	2P+E	1/50/300

Scan each QR code to see product price and availability.

BRITISH ADAPTER



Catalogue number	Type	Rated current In (A)	Colour	Poles	Packing (pcs)
192125/WH	British Adapter	16	White	1P+N+E	1/50/300

UNIVERSAL PLUG ADAPTER



Catalogue number	Type	Rated current In (A)	Colour	Poles	Packing (pcs)
192126/WH	Universal Adapter	16	White	1P+N+E	1/40/240

PLUG BAKELITE



Catalogue number	Type	Rated current In (A)	Colour	Material	Packing (pcs)
19211102	Plug	16	White	Bakelite	80
19211101	Plug	16	Black	Bakelite	80

TWO PIN PLUG



Catalogue number	Type	Rated current In (A)	Colour	Material	Packing (pcs)
192116/WH	Plug	6	White	PP	100
192116/BL	Plug	6	Black	PP	100

TWO PIN PLUG WITH EXTRACTION RING



Catalogue number	Type	Rated current In (A)	Colour	Material	Packing (pcs)
192115/WH	Plug	10	White	PC	1/500
192115/BL	Plug	10	Black	PC	1/500

BRITISH PLUG



Catalogue number	Type	Rated current In (A)	Colour	Material	Packing (pcs)
192114	British plug	13	White	PMMA	1/20

FOOT SWITCH

LIMITED STOCK



Catalogue number	Type	Rated current In (A)	Colour	Material	Packing (pcs)
192124/WH	Switch	10	White	PC	1/100

INTERMEDIATE SWITCH

PRODUCED FOR **ELMARK** IN ITALY



Catalogue number	Type	Voltage (V)	Rated current In (A)	Colour	Packing (pcs)
ECK52001B	Switch	250	2	White	10/500
ECK52002B	Switch	250	2	Blck	10/500
ECK52005B	Switch	250	2	Gold	10/500

INTERMEDIATE SWITCH WITH CABLE

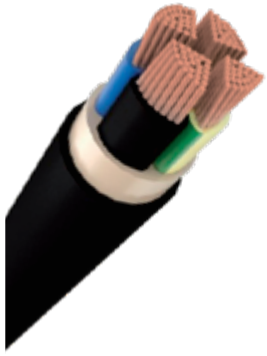


Catalogue number	Cable type	Cable length (m)	Colour	Packing (pcs)
47007/WH	H03VV-F 2G0,50mm^2	2	White	1/180
47007/BL	H03VV-F 2G0,50mm^2	2	Black	1/180

Scan each QR code to see product price and availability.

OUTSIDE POWER CABLES

Standards:
DIN VDE 0293-308 - Colour coded acc
DIN VDE 0276 part 603 or HD 186
DIN VDE 0295 - Wire class acc



NYY

Power cable, Cu-conductor, PVC-insulation, PVC-sheathing

NYY; PP00; PP00; PP00; NYY; NYY; CYY; NYY; NYY

Power cable for construction of underground distribution grids and installations of industrial and public projects, where mechanical damages are not to be expected. Suitable for transmission and distribution of electric power at nominal voltage u0/u 0,6/1 kV.

TECHNICAL DATA

- Power cable acc. to DIN VDE 0276 part 603
- Ambient temperature
- Fixed installation: -30°C to +50°C
- TemperatuTre of laying: min. -5°C
- Max. operating temperature: +70°C
- Short circuit temperature: +160°C
- Short circuit duration up to 5 sec.
- Nominal voltage Uo/U- 0.6/1 kV
- Test voltage: AC-4 kV/50 Hz

CONSTRUCTION

- Solid or stranded Cu wires cl. 1 or cl. 2 acc. to DIN VDE 0295
- Insulation: PVC compound
- Inner sheath: filling compound
- Outer sheath: PVC compound
- Outer sheath colour: black
- **re** - round solid
- **rm** - round multi-core
- **sm** - sector multi-core
- **se** - sector solid conductor



Catalogue number	Cross section (n x mm²)	Wires shape	Colour	Outer diameter (mm)	Cu weight (kg/km)	Total weight (kg/km)	Packing (m)
833019	2x1.5	re	Black	12.2	28	192	100
833020	2x2.5	re	Black	12.9	46	229	100
833021	2x4	re	Black	14.9	75	315	100
833022	2x6	re	Black	15.9	112	382	100
833023	2x10	rm	Black	17.5	188	509	1
833024	2x16	rm	Black	19.4	298	676	1



Catalogue number	Cross section (n x mm²)	Wires shape	Colour	Outer diameter (mm)	Cu weight (kg/km)	Total weight (kg/km)	Packing (m)
833030	3x1.5	re	Black	12.1	43	201	100
833031	3x2.5	re	Black	12.9	70	247	100
833032	3x4	re	Black	15	112	350	100
833034	3x6	re	Black	16.1	168	435	100
833036	3x10	rm	Black	18	282	606	1
833038	3x16	rm	Black	20.1	447	828	1



Catalogue number	Cross section (n x mm²)	Wires shape	Colour	Outer diameter (mm)	Cu weight (kg/km)	Total weight (kg/km)	Packing (m)
833060	4x1.5	re	Black	12.9	57	232	100
833061	4x2.5	re	Black	13.8	93	289	100
833062	4x4	re	Black	16.2	149	419	100
833063	4x6	re	Black	17.4	223	525	100
833064	4x10	rm	Black	19.5	376	741	1
833065	4x16	rm	Black	21.8	595	1024	1



Catalogue number	Cross section (n x mm²)	Wires shape	Colour	Outer diameter (mm)	Cu weight (kg/km)	Total weight (kg/km)	Packing (m)
833077	5x1.5	re	Black	13.7	71	272	100
833078	5x2.5	re	Black	14.8	116	341	100
833079	5x4	re	Black	17.4	187	494	100
833080	5x6	re	Black	19	279	635	100
833081	5x10	rm	Black	21.6	470	911	1
833082	5x16	rm	Black	24.1	744	1262	1

7 YEARS TOTAL WARRANTY
+ 5 standard
2 extended

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

Standards:
BDS 904-84 - according to construction
IEC60332-1- according to flame retardant

CBT-C

Power cable with solid or stranded Cu wires, PVC insulation and sheathing

CBT-c; CBT-c; CBT-c; CBT-c; CBT-c; CBT-c; CBT-c; CBT-c; CBT-c



A cable with solid or stranded CU wires, resistant to the sun radiance and atmospheric influences. It is suitable for spread and transfer of electrical energy if it is installed steady outside or in indoor spaces cable trunking, electrical cable conduit, cable trays, directly into tunnels, earthworks, pits and etc.

TECHNICAL DATA

- Nominal voltage Uo- 0.6kV
- Nominal voltage U- 1kV
- Ambient temperature- from -30°C to +50°C
- Max. operating temperature- +70C°
- Temperature of laying- ≥-5°C
- Conductor material- Copper (Cu)
- Conductors insulation - PVC compound
- Outer stealth material-filling sheath and PVC compound

CONSTRUCTION

- Solid or stranded CU wires, class 1 or class 2
- **re** - round solid
- **rm** - round multi-core
- **sm** - sector multi-core
- **se** - sector solid conductor



Catalogue number	Cross section (n x mm²)	Wires shape	Colour	Outer diameter (mm)	Cu weight (kg/km)	Total weight (kg/km)	Packing (m)
817020	2X1	re	Black	9.5	20	100	100
817021	2X1.5	re	Black	10.0	28	120	100
817022	2X2.5	re	Black	10.6	46	150	100
817023	2X4	re	Black	12.5	73	210	100
817024	2X6	re	Black	13.3	110	260	100
817025	2X10	re	Black	15.2	182	370	1
817026	2X16	rm	Black	18	305	560	1



Catalogue number	Cross section (n x mm²)	Wires shape	Colour	Outer diameter (mm)	Cu weight (kg/km)	Total weight (kg/km)	Packing (m)
817036	3X1	re	Black	9.7	28	120	100
817037	3X1.5	re	Black	10.2	42	140	100
817039	3X2.5	re	Black	11.0	69	180	100
817041	3X4	re	Black	13.0	110	260	100
817043	3X6	re	Black	14.0	165	340	100
817045	3X10	re	Black	16.0	275	480	1
817047	3X16	rm	Black	19.5	450	695	1



Catalogue number	Cross section (n x mm²)	Wires shape	Colour	Outer diameter (mm)	Cu weight (kg/km)	Total weight (kg/km)	Packing (m)
817067	4X1	re	Black	10.4	37	140	100
817068	4X1.5	re	Black	11.0	55	165	100
817069	4X2.5	re	Black	11.9	91	215	100
817070	4X4	re	Black	14.1	146	315	100
817071	4X6	re	Black	15.4	220	410	100
817072	4X10	re	Black	17.4	365	595	1
817073	4X16	rm	Black	20.6	585	950	1



Catalogue number	Cross section (n x mm²)	Wires shape	Colour	Outer diameter (mm)	Cu weight (kg/km)	Total weight (kg/km)	Packing (m)
817083	5X1	re	Black	11.2	45	160	100
817084	5X1.5	re	Black	11.8	69	195	100
817085	5X2.5	re	Black	12.8	114	260	100
817086	5X4	re	Black	15.5	182	380	100
817087	5X6	re	Black	16.8	275	500	100
817088	5x10	re	Black	19,2	455	735	1
817089	5x16	re	Black	23,2	745	1150	1

7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

Scan each QR code to see product price and availability.

INSIDE POWER CABLES

Standards:
Flat conductor acc. to BDS IEC 60227-5
Flexible Cu-wires, cl. 6 acc. to IEC 60228



H03VH-H

Flat conductor, flexible Cu-wires, PVC-insullation

ШВПЛ-А; PL; H03VH-H; P/L; H03VH-H; H03VH-H; H03VH-H; RVV; H03VH-H

Designed for connection of electrical appliances to the electrical grid, for connection of mobile users, devices and appliances.

TECHNICAL DATA

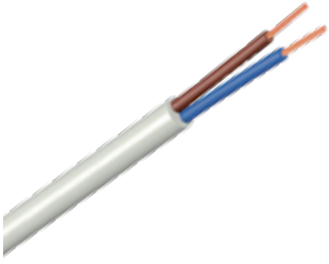
- Ambient temperature: -40°C to+50°C
- Max. operating temperature: +70°C
- Nominal voltage Uo/U: 300/300 V
- Test voltage: 2000 V

CONSTRUCTION

- Flexible Cu-wires, cl. 6 acc. to IEC 60228
- Flat conductor acc. to BDS IEC 60227-5
- Insulation: PVC compound
- Insulation colour: white or black-red

Catalogue number	Cross section (n x mm^2)	Colour	Thickness (mm)	Width (mm)	Cu weight (kg/km)	Total weight (kg/km)	Packing (m)
820001	2x0.50	White or Black-Red	6.0	3.0	9	25	100
820002	2x0.75	White or Black-Red	6.4	3.2	14	30	100
820017	2x1	White or Black-Red	6.8	3.4	19.2	31	100
820018	2x1.50	White or Black-Red	7.6	4.0	28.8	38	100

Standards:
Conductor acc. to HD 21,5 S3
Flexible Cu-wires, cl. 5 acc. to IEC 60228



H03VV-F

Conductor with flexible Cu-wires, PVC insulation and sheath

ШВПЛ-Б; PP/L; PP/L; PP/L; H03VV-F; H03VV-F; MYYUP; H03VV-F; H03VV-F

Conductor with parallel or stranded in a bundle insulated cores, designed for connection of electrical appliances to the electrical grid, for connection of mobile users, devices and appliances.

TECHNICAL DATA

- Variant of the conductor: H03VVH2-F - flat type
- Ambient temperature: -30°C to +50°C
- Max. operating temperature: +70°C
- Nominal voltage Uo/U: 300/300 V
- Test voltage: 2000 V

CONSTRUCTION

- Flexible Cu-wires, cl. 5 acc. to IEC 60228
- Insulation: PVC compound
- Sheafing: PVC compound
- Outer sheath colour: white



Catalogue number	Type (flat)	Cross section (n x mm^2)	Colour	Thickness (mm)	Width (mm)	Cu weight (kg/km)	Total weight (kg/km)	Packing (m)
820004	H03VVH2-F	2x0,5	White	6.0	3,6	10,0	30	100
820006	H03VVH2-F	2x0,75	White	6.4	3,9	14,5	39	100



Catalogue number	Type (round)	Cross section (n x mm^2)	Colour	Outer diameter (mm)	Cu weight (kg/km)	Total weight (kg/km)	Packing (m)
820003	H03VV-F	2X0,5	White	9.5	100	25	100
820007	H03VV-F	3X0.5	White	10.0	120	30	100

7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

Scan each QR code to see product price and availability.

Standards:
Flexible cable acc. to HD 21.5 S3,
DIN VDE 0281 part 5
Flexible Cu-wires, cl. 5 acc. to
DIN VDE 0295, IEC 60228
Colour coding: acc. to DIN VDE 0293-308



H05VV-F

Conductor with flexible Cu-wires, PVC insulation and sheath

ШВПС; PP/J; PP/J; PP/J; H05VV-F; H05VV-F; MYYM; H05VV-F; H05VV-F

Conductor with parallel or stranded in a bundle insulated cores, designed for connection of electrical appliances to the electric grid, for connection of mobile users, devices and appliances.

TECHNICAL DATA

- Variant of the conductor: H05VVH2-F - flat type
- Ambient temperature: -30°C to +50°C
- Max. operating temperature: +70°C
- Nominal voltage Uo/U: 300/500 V
- Test voltage: 2000 V

CONSTRUCTION

- Flexible Cu-wires, cl. 5 acc. to DIN VDE 0295, IEC 60228
- Insulation/outer sheath: PVC compound;
- Outer sheath colour: white



Catalogue number	Cross section (n x mm²)	Colour	Outer diameter (mm)	Cu weight (kg/km)	Total weight (kg/km)	Packing (m)
821001	2 x 0.75	White	7.6	14.0	62	100
821002	2 x 1	White	8.0	19.5	71	100
821003	2 x 1.5	White	9.0	28.0	94	100
821004	2 x 2.5	White	11.0	47.0	114	100
821005	2 X 4	White	12.0	75.0	197	100



Catalogue number	Cross section (n x mm²)	Colour	Outer diameter (mm)	Cu weight (kg/km)	Total weight (kg/km)	Packing (m)
821008	3 x 0.75	White	8.0	21.5	74	100
821009	3 x 1	White	8.4	29.0	85	100
821010	3 x 1.5	White	9.8	42.0	120	100
821011	3 x 2.5	White	12.0	70.0	182	100
821012	3 x 4	White	13.0	114.0	252	100



Catalogue number	Cross section (n x mm²)	Colour	Outer diameter (mm)	Cu weight (kg/km)	Total weight (kg/km)	Packing (m)
821016	4 x 0.75	White	8.6	29.0	92	100
821017	4 x 1	White	9.4	38.5	109	100
821018	4 x 1.5	White	11.0	56.0	151	100
821019	4 x 2.5	White	13.0	93.5	225	100
821020	4 x 4	White	14.0	151.0	315	100



Catalogue number	Cross section (n x mm²)	Colour	Outer diameter (mm)	Cu weight (kg/km)	Total weight (kg/km)	Packing (m)
821024	5 x 0.75	White	9.6	36.0	115	100
821025	5 x 1	White	10.0	48.0	132	100
821026	5 x 1.5	White	12.0	70.0	188	100
821027	5 x 2.5	White	14.0	117.0	280	100
821028	5 X 4	White	15.5	189.0	395	100

7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

Scan each QR code to see product price and availability.

INSTALLATION CONDUCTORS

Standards:
Conductor acc. to HD 21.3 S3, DIN VDE 0281 part 3
Solid Cu wires cl. 1 acc. to DIN VDE 0295, IEC 60228

H05V-U, H07V-U

Conductor, Cu-wires, PVC-insulation

ПВ-А1; P; P; P; H05V-U, H07V-U; H05V-U, H07V-U (CY); H05V-U, H07V-U (FY); H05V-U, H07V-U; H05V-U, H07V-U



For fixed installation in lighting networks, electric power installations, wiring of electrical switchboards, machines and equipment.

TECHNICAL DATA

- Ambient temperature: -30°C to+50°C
- Temperature of laying: min. -5°C
- Max. operating temperature: +70°C
- Nominal voltage Uo/U:
  - H05V-U 300/500 V
  - H07V-U 450/750 V
- Test voltage:
  - H05V-U 2000 V
  - H07V-U 2500 V

CONSTRUCTION

- Solid Cu wires cl. 1 acc. to DIN VDE 0295, IEC 60228
- Insulation: PVC compound
- Insulation colour:
  - Blue: available cross sections up 0.5 to 10 mm²
  - Red: available cross sections up 0.5 to 10 mm²
  - Black: available cross sections up 0.5 to 10 mm²
  - White: available cross sections up 0.5 to 4 mm²
  - Yellow-Green: available cross sections up 0.5 to 10 mm²
  - Brown: available cross sections up 0.5 to 10 mm²



Catalogue number	Type	Cross section (n x mm²)	Outer diameter (mm)	Cu weight (kg/km)	Total weight (kg/km)	Packing (m)
822001	H05V-U	0.5	2.4	4.5	9	100
822002	H05V-U	0.75	2.6	7.0	12	100
822003	H05V-U	1	2.8	9.0	15	100

Note: At orders of the desires colour, must be added after the catalogue number:
BL – blue; R – red; B - black; W- white; YG- yellow green; BR- brown



Catalogue number	Type	Cross section (n x mm²)	Outer diameter (mm)	Cu weight (kg/km)	Total weight (kg/km)	Packing (m)
822004	H07V-U	1.5	3.3	13.5	21	100
822005	H07V-U	2.5	3.9	22.0	33	100
822006	H07V-U	4	4.4	35.0	48	100
822007	H07V-U	6	4.6	52.5	68	100
822008	H07V-U	10	6.4	87.5	113	100

Note: At orders of the desires colour, must be added after the catalogue number:
BL – blue; R – red; B - black; W- white; YG- yellow green; BR- brown

7 YEARS TOTAL WARRANTY
5 standard + 2 extended

Standards:
PVC conductor acc. to HD 21.3 S3,
DIN VDE 0281 part 3
Flexible Cu wires cl. 5 acc. to DIN VDE 0295, IEC 60228



H05V-K, H07V-K

Conductor, Cu-wires, PVC-insulation

ПВ-А2; PF; P/F; P/F; H05V-K, H07V-K; H05V-K, H07V-K (CYA); MYF; H05V-K, H07V-K; H05V-K, H07V-K

For fixed installation wiring of electrical switchboards, machines and equipment, where small bending radius is required.

TECHNICAL DATA

- Ambient temperature: -30°C to+50°C
- Temperature of laying: min. -5°C
- Max. operating temperature: +70°C
- Nominal voltage Uo/U:
  - H05V-K 300/500 V
  - H07V-K 450/750 V
- Test voltage:
  - H05V-K 2000 V
  - H07V-K 2500 V

CONSTRUCTION

- Flexible Cu wires cl. 5 acc. to DIN VDE 0295, IEC 60228
- Insulation: PVC compound
- Insulation colour:
  - Blue: available cross sections up 0.5 to 25 mm^2
  - Red: available cross sections up 0.5 to 25 mm^2
  - Black: available cross sections up 0.5 to 25 mm^2
  - White: available cross sections up 0.5 to 4 mm^2
  - Yellow-Green: available cross sections up 0.5 to 25 mm^2
  - Brown: available cross sections up 0.5 to 10 mm^2



Catalogue number	Type	Cross section (n x mm^2)	Outer diameter (mm)	Cu weight (kg/km)	Total weight (kg/km)	Packing (m)
823002	H05V-K	0.5	2.6	5.0	10	100
823003	H05V-K	0.75	2.8	7.0	13	100
823004	H05V-K	1	3.0	9.5	16	100

Note: At orders of the desires colour, must be added after the catalogue number:
BL – blue; R – red; B - black; W- white; YG- yellow green; BR- brown



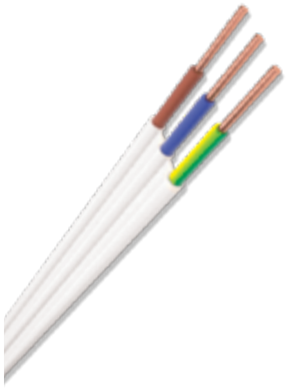
Catalogue number	Type	Cross section (n x mm^2)	Outer diameter (mm)	Cu weight (kg/km)	Total weight (kg/km)	Packing (m)
823005	H07V-K	1.5	3.5	14.0	23	100
823006	H07V-K	2.5	4.2	23.0	36	100
823007	H07V-K	4	4.8	36.5	52	100
823008	H07V-K	6	6.3	57.0	74	100
823009	H07V-K	10	7.6	96.0	131	100
823010	H07V-K	16	8.8	151.0	195	100
823011	H07V-K	25	11.0	235.0	300	100

Note: At orders of the desires colour, must be added after the catalogue number:
BL – blue; R – red; B - black; W- white; YG- yellow green; BR- brown

7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

Scan each QR code to see product price and availability.

Standards:
Flat conductor acc. to BDS 4305-90
Solid Cu wires cl. 1 acc. to BDS 904-84



NYIFY-O/J

Flat installation conductor, Cu-wires, PVC-insulation, PVC-sheath

ПВВ-МБ1; PG; PP/R; PP/R; NYIFY-O/J; NYIFY-O/J; NYIFY-O/J; NYIFY-O/J; NYFAZ

Installation conductor with parallel Cu-wires for fixed installation in lighting networks and electric power installations.

TECHNICAL DATA

- Ambient temperature: -30°C to +50°C
- Temperature of laying: min. -5°C
- Max. operating temperature: +70°C
- Nominal voltage Uo/U: 220/380 V
- Test voltage: 2000 V

CONSTRUCTION

- Solid Cu wires cl. 1 acc. to BDS 904-84
- Insulation: PVC compound
- Sheath: PVC compound
- Outer sheath colour: white



Catalogue number	Cross section (n x mm²)	Colour	Conductor Thickness (mm)	Conductor Width (mm)	Cu weight (kg/km)	Total weight (kg/km)	Packing (m)
834001	2x1	White	3.70	10.30	17.9	55	100
834002	2x1.5	White	4.10	11.20	26.6	65	100
834003	2x2.5	White	5.00	12.90	44.3	97	100
834004	2x4	White	5.60	14.20	70.6	135	100
834005	2x6	White	6.50	16.00	104.4	190	100



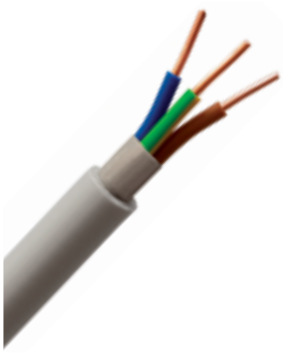
Catalogue number	Cross section (n x mm²)	Colour	Conductor Thickness (mm)	Conductor Width (mm)	Cu weight (kg/km)	Total weight (kg/km)	Packing (m)
834007	3x1	White	3.70	14.00	26.8	73	100
834008	3x1.5	White	4.10	15.30	39.8	95	100
834009	3x2.5	White	5.00	16.90	66.4	142	100
834010	3x4	White	5.60	19.80	104.2	200	100
834011	3x6	White	6.50	22.50	156.5	280	100

7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

Scan each QR code to see product price and availability.

7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

Standards:
DIN VDE 0295; IEC 60228- according to construction DIN VDE 0250-204- according to multi-core conductors IEC60332-1- according to flame retardant



NYM

Multi-core conductor with Cu wires and PVC insulation

NYM; PGP; PGP; PP-Y; PGP; NYM; NYM; NYM; NYM; NYM

For fixed instalations in , or on under plasterboard, in lighting networks in dry places. Can be used and in damp or wet rooms, in wall and concrete, in switchboards and machines. Is suitable for out-door use if cable is protected against direct sunshine.

TECHNICAL DATA

- Nominal voltage: Uo- 300V; U- 500V
- Ambient temperature- from -20°C to +50°C
- Max. operating temperature- +70C°
- Installation temperature- ≥-5°C
- Conductor material- Copper (Cu)
- Conductors insulation - PVC compound
- Outer sheath material - filling sheath and PVC compound

CONSTRUCTION

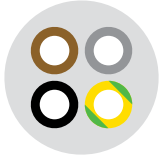
- Solid CU wires, class 1 and class 2 for cross section above 10mm²



Catalogue number	Cross section (n x mm²)	Colour	Outer diameter (mm)	Total weight (kg/km)	Packing (m)
832008	2x1.5	Grey	8.8	120	100
832009	2x2.5	Grey	10.0	160	100
832010	2x4	Grey	11.0	220	100
832011	2X6	Grey	12.0	250	100
832012	2x10	Grey	15.0	420	1



Catalogue number	Cross section (n x mm²)	Colour	Outer diameter (mm)	Total weight (kg/km)	Packing (m)
832016	3x1.5	Grey	9.2	136	100
832017	3x2.5	Grey	10.5	190	100
832018	3x4	Grey	11.5	260	100
832019	3X6	Grey	13.0	330	100
832020	3x10	Grey	16.5	520	1



Catalogue number	Cross section (n x mm²)	Colour	Outer diameter (mm)	Total weight (kg/km)	Packing (m)
832023	4x1.5	Grey	10.0	160	100
832024	4x2.5	Grey	11.3	230	100



Catalogue number	Cross section (n x mm²)	Colour	Outer diameter (mm)	Total weight (kg/km)	Packing (m)
832031	5x1.5	Grey	11.0	190	100
832032	5x2.5	Grey	12.0	270	100

Scan each QR code to see product price and availability.

CABLES WITH RUBBER INSULATION

Standards:
DIN VDE 0295; IEC 60228- according to construction DIN VDE 0293-308 and HD 186- according to colour coating DIN VDE 0482-332-1-2;
IEC60332-1-according to flame retardant



H05RR-F

Rubber flexible cable

ШКПЛ; GG/J; GG/J; GG/J; H05RR-F; H05RR-F; MCCM; H05RR-F; H05RR-F

For connection of electrical appliances and consumers with low and middle mechanical stress to Alternating Current (AC). It has wide use in household, office, for cable reels, for connecting of mobile consumers and etc.

TECHNICAL DATA

- Nominal voltage Uo/U: 300V/500V
- Ambient temperature: from -30°C to +60°C
- Conductor material: Copper (Cu) wires, class 5
- Conductors insulation: Rubber EPR
- Outer sheath material: Rubber EPR



Catalogue number	Cross section (n x mm²)	Type	Colour	Outer diameter (mm)	Cu weight (kg/km)	Total weight (kg/km)	Packing (m)
814002	2X1	H05RR-F	Black	6.1 - 8.0	19.0	71.0	100
814003	2X1.5	H05RR-F	Black	7.6 - 9.8	29.0	99.0	100
814004	2X2.5	H05RR-F	Black	9.0 - 11.6	48.0	148.0	100



Catalogue number	Cross section (n x mm²)	Type	Colour	Outer diameter (mm)	Cu weight (kg/km)	Total weight (kg/km)	Packing (m)
814007	3X1	H05RR-F	Black	6.5 - 8.5	29.0	88.0	100
814008	3X1.5	H05RR-F	Black	8.0 - 10.4	43.0	125.0	100
814009	3X2.5	H05RR-F	Black	9.6 - 12.4	72.0	175.0	100
814010	3X4	H05RR-F	Black	11.3 - 14.5	115.0	246.0	100



Catalogue number	Cross section (n x mm²)	Type	Colour	Outer diameter (mm)	Cu weight (kg/km)	Total weight (kg/km)	Packing (m)
814012	4X1	H05RR-F	Black	9.0 - 11.6	58.0	165.0	100
814013	4X1.5	H05RR-F	Black	9.0 - 11.6	58.0	165.0	100
814014	4X2.5	H05RR-F	Black	10.7 - 13.8	96.0	225.0	100
814015	4X4	H05RR-F	Black	12.7 - 16.2	154.0	315.0	100
814017	4X6	H05RR-F	Black	14.2 - 18.1	231.0	440.0	100



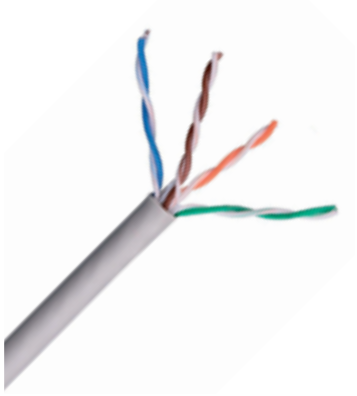
Catalogue number	Cross section (n x mm²)	Type	Colour	Outer diameter (mm)	Cu weight (kg/km)	Total weight (kg/km)	Packing (m)
814020	5X1.5	H05RR-F	Black	9.8 - 12.7	72.0	185.0	100
814021	5X2.5	H05RR-F	Black	11.9 - 15.3	120.0	275.0	100
814022	5x4	H05RR-F	Black	15,6-19,9	187	475	100
814023	5x6	H05RR-F	Black	17.5-22.2	288	635	100

7 YEARS TOTAL WARRANTY
5 standard
2 extended

Scan each QR code to see product price and availability.

COMMUNICATION CABLES

Construction:
CCA-wires - 4x2x0.24
CU-wires - 4x2x0.24



UTP

LAN cable, stranded in pairs, cat. 5e

UTP; UTP; UTP; UTP; UTP; UTP; UTP; UTP; UTP CAT5E

Cable, stranded by pairs, used for transmission of digital signals with high speed of transmission. Suitable for setting computer systems for data transmission, measuring and control systems with proper resistance to electromagnetic influences.

TECHNICAL DATA

- Ambient temperature: -30°C to +50°C
- Temperature of laying: min. 0°C
- Characteristic Impedance: 100 Ω ± 15 Ω
- Loop resistance: ≤ 192 0/ km
- Unbalance of loop resistance: ≤ 3%
- Insulation resistance: ≥ 150 MΩ x km
- Operating capacity: ≤ 55,8 nF/km
- Cable diameter: 5 mm
- Cable weight: 27 kg/km

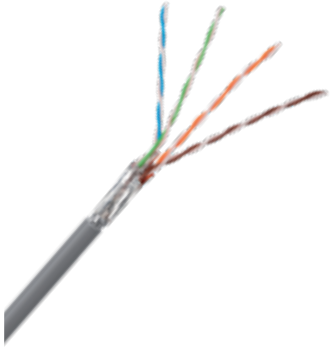
CONSTRUCTION

- 879002 - CCA-wires - 24 AWG; 0,51 mm, acc. to IEC 60228
- 879017 - CU wires - 24 AWG; 0,51 mm, acc. to IEC 60228
- Insulation: PE compound
- Cable bundle: 4 stranded pairs
- Outer sheath: PVC compound or LSOH compound
- Outer sheath colour: for PVC- grey

Insulation colour of stranded pairs- core a/ core b: • white with blue ring/blue; • white with orange ring/orange; • white with green ring/green; • white with brown ring/brown.

Catalogue number	Material	Category	Frequency - MHz	Characteristic of attenuation						Packing (m)
				4	10	16	62.5	100	125	
879002	CCA	Cat. 5e	Attenuation- db/100 m	4.1	6.5	8.2	17	22	24.9	305
			Attenuation (Next)- db	56.3	50.3	47.3	38.4	35.3	33.9	
879017	CU	Cat. 5e	Attenuation (Next)- db	56.3	50.3	47.3	38.4	35.3	33.9	305

Construction:
CCA-wires - 4x2x0.24



FTP

LAN cable, stranded in pairs, with screen, cat. 5e

FTP; FTP; FTP; FTP; FTP; FTP; FTP; FTP; FTP; FTP CAT5E

Cable, stranded in pairs, with screen of laminated foil, used for transmission of digital signals with high speed of transmission. FTP cable is suitable for setting computer systems for data transmission, measuring and control systems and for transmission of high-frequency analogue signals in automatic and industrial TV networks . High resistance to electromagnetic influences.

TECHNICAL DATA

- Ambient temperature: -30°C to +50°C
- Temperature of laying: min. 0°C
- Characteristic Impedance: 100 Ω ± 15 Ω
- Loop resistance: ≤ 192 0/ km
- Unbalance of loop resistance: ≤ 3%
- Insulation resistance: ≥ 150 MΩ x km
- Operating capacity: ≤ 55,8 nF/km
- Cable diameter: 6 mm
- Cable weight: 31 kg/km

CONSTRUCTION

- 879001- CCA-wires - 24 AWG; 0,51 mm, acc. to IEC 60228
- Insulation: PE compound
- Cable bundle: 4 stranded pairs
- PETP foil
- Screen: laminated Al foil
- Outer sheath: PVC compound or LSOH compound
- Outer sheath colour tor PVC- grey

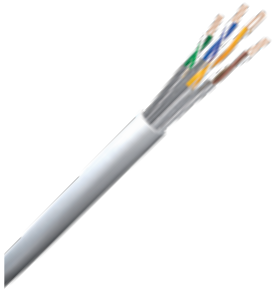
Insulation colour of stranded pairs- core a/ core b: • white with blue ring/blue; • white with orange ring/orange; • white with green ring/green; • white with brown ring/brown.

Catalogue number	Material	Category	Frequency - MHz	Characteristic of attenuation						Packing (m)
				4	10	16	62,5	100	125	
879001	CCA	Cat. 5e	Attenuation - db/100 m	4.1	6.5	8.2	17	22	24.9	305

7 YEARS TOTAL WARRANTY
+ 5 standard
2 extended

Scan each QR code to see product price and availability.

Construction:
CCA- wires - 4x2x0.24



STP

LAN cable, stranded in pairs, with screen on each pair, cat. 6

Cable, stranded in pairs, with screen of laminated foil on each pair, used for transmission of digital signals with high speed of transmission, with spectrum of the frequency being used up to 300 MHz for cat. 6. The cable is suitable for setting computer systems for data transmission, measuring and control systems and for transmission of high-frequency analogue signals in automatic and industrial TV networks and is with high resistance to electromagnetic influences.

TECHNICAL DATA

- Ambient temperature: -30°C to +50°C
- Temperature of laying: min. 0°C
- Characteristic Impedance:
- 100 Ω ± 15 Ω up to 100 MHz
- 100 Ω ± (15 +0,05(f-100)) above 100 MHz
- Loop resistance: ≤ 170 Ω / km
- Unbalance of loop resistance: ≤ 3%
- Insulation resistance: ≥ 150 MΩ x km
- Operating capacity: ≤ 50 nF/km
- Cable diameter: 7 mm
- Cable weight 42 kg/km

CONSTRUCTION

- CCA- wires - 24 AWG; 0,57 mm acc. to IEC 60228
- Insulation: PE compound
- Screen: laminated Al foil on each pair
- Cable bundle: 4 stranded screened pairs
- Outer sheath: PVC compound or LSOH compound
- Outer sheath colour: for PVC- grey, for LSOH- orange

Insulation colour of stranded pairs - core a / core b: • white with blue ring/blue; • white with orange ring/orange; • white with green ring/green; • white with brown ring/brown.

Catalogue number	Category	Frequency - MHz	Characteristic of attenuation							Packing (m)
			4	10	16	62.5	100	200	300	
879012	Cat. 6	Attenuation - db/100 m	3.8	6	7.6	15.5	19.9	29.5	35	305
		Attenuation (Next) - db	65.3	59.3	56.2	47.4	44.3	39.8	38	

Construction:
CCA-wires - 4x2x0.24



S-FTP

LAN cable, stranded in pairs, with double-screen, cat. 5

Cable, stranded in pairs, with screen of laminated foil, with braid of tinned copper wires used for transmission of digital signals with high speed of transmission, with spectrum of the frequency being used up to 100 MHz for cat. 5. The cable is suitable for setting computer systems for data transmission, measuring and control systems and for transmission of high frequency analogue signals in automatic and industrial TV networks. High resistance to electromagnetic influences.

TECHNICAL DATA

- Ambient temperature: -30°C to +50°C
- Temperature of laying: min. 0°C
- Characteristic Impedance: 100 Ω ± 15 Ω
- Loop resistance: ≤ 192 0/ km
- Unbalance of loop resistance: ≤ 3%
- Insulation resistance: ≥ 150 MΩ x km
- Operating capacity: ≤ 55,8 nF/km
- Cable diameter: 6,9 mm

CONSTRUCTION

- CCA- wires - 24 AWG; 0,51 mm acc. to IEC 60228
- Insulation: PE compound
- Cable bundle: 4 stranded pairs
- PETP foil
- Screen: laminated Al foil
- Outer sheath: PVC compound or LSOH compound
- Outer sheath colour: for PVC - grey

Insulation colour of stranded pairs - core a/core b: • white with blue ring/blue; • white with orange ring/orange; • white with green ring/green; • white with brown ring/brown.

Catalogue number	Category	Frequency - MHz	Characteristic of attenuation						Packing (m)
			4	10	16	62.5	100	125	
879011	Cat. 5	Attenuation - db/100 m	4.3	6.6	8.2	17.1	22		305
		Attenuation (Next) - db	53	47	44	35	32		

7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

Scan each QR code to see product price and availability.

7 YEARS TOTAL WARRANTY
+ 5 standard
2 extended

COAXIAL CABLE RG6 / 96

Coaxial cable, suitable for connection of TV aerials to TV receivers



RG6/96; RG6/96; RG6; RG6; RG6/96; RG6/96; RG6/96; RG6/96; RG6

Suitable for high frequency equipment, measuring and control equipment and appliances, for setting up local computer networks, and data systems, for connection of TV aerials to TV receivers.

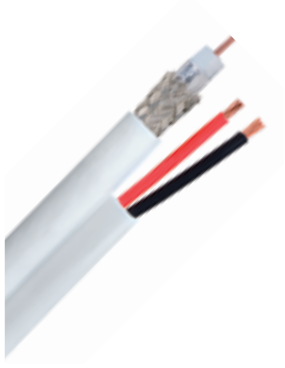
TECHNICAL DATA

- Model - RG6 / 96;
- Material and structure of the core cable: CCS 1.02 mm;
- Type of insulation: PE 4.60 mm;
- External conductor (screen): 96 Al foil;
- Diameter and cable material: 6.9 mm PVC;
- Wave impedance: 75 ± 5 Ohm;
- Operating temperature: from -30 ° C to +70° C;
- Damping ratio: at 100 MHz 0.0637 dB/m.
- Outer sheath colour: White

Catalogue number	Description	Insulation diameter (mm)	Outer diameter (mm)	Wave resistance (Ω)	Max. capacity (pF/m)	Attenuation at 200 MHz max. dB/100m	Packing (m)
856001	RG6/96	PE 4.70	8.40 PVC	75 ±3	68	12	100

COAXIAL CABLE RG59 / + 2X0.5MM2

Coaxial cable, suitable for video surveillance systems



RG59+2x0.5; RG59+2x0.5; RG59; R59; RG59+2x0.5; RG59(CCTV)+2X0.5; RG59; RG59; RG59+2x0.5

TECHNICAL DATA

Coaxial cable: RG-59

- Inner conductor: Ø 0.59 mm - CCS wire
- Dielectric: Ø 3.7 mm PE full
- Braid: Stranded wire Cu, Indoor coverage area: 90 %
- Impedance: 75 Ω
- Outer coating: Al foil + Al braiding
- Cable attenuation at 100m section:
  - 10.9 dB @ 100 MHz
  - 15.2 dB @ 200 MHz
  - 23.2 dB @ 450 MHz
  - 32.6 dB @ 800 MHz
  - 36.6 dB @ 1000 MHz
- Outer sheath colour: White

Electrical cable:

- Inner conductor: 2 x 0.5 m CU wires
- Power wires resistance: 4 Ω / 100 m
- Outer coating: Ø 5 mm
- Outer sheath colour: White

Catalogue number	Description	Insulation diameter (mm)	Outer diameter (mm)	Wave resistance (Ω)	Max. capacity (pF/m)	Attenuation at 200 MHz max. dB/100m	Packing (m)
856004	RG59/ U+2x0.5	PE 3.66	8/5mm	75 ±3	53.4	12.4	100

ALARM CABLE

Unshelled alarm cable



Алармен кабел; Alarmni kabel; Alarmni kabel; Alarmni kabl; Alarmni kabel; Poplašný kábel; Cablu de alarmă; Riasztó kábel; Καλώδιο συναγερμού

Suitable for the connection of detectors, sensors, infra-red as well as micro wave or mixed technology systems to the switch board.

TECHNICAL DATA

- Ambient temperature: -20°C to +60°C
- Operating voltage: 300V RMS max
- Capacitance between conductors: 1KHz- 33pF/ft Nom.
- Capacitance between conductors to shield: 1KHz-60pF/ft Nom.
- Damping ratio: at 100 MHz 0.0637 dB / m.

CONSTRUCTION

- Conductor: CCA
- Insulation: PVC
- Insulation colours: red, blue, yellow, black, green, white
- Shield: without
- Rip cord: synthetic fibers
- Drain wire: no

Catalogue number	Cross section (n x mm²)	Cable type	Colour	Outer diameter (mm)	Packing (m)
879016	6x0.22	CCA	White	4.2	100

Scan each QR code to see product price and availability.

CABLES FOR SOLAR POWER SYSTEMS





SOLAR CABLES H1Z2Z2-K

APPLICATION

They are specifically designed for the construction of photovoltage systems. H1Z2Z2-K solar cables have good wear resistance, extreme flexibility, UV protection and do not support combustion. They are also halogen-free, water and oil resistant. Cable weight: 4 mm^2- 57kg; 6 mm^2- 77kg

TECHNICAL DATA

- Reaction to fire: Dca S1a, d2, a1
- Cable cross-section: 4 mm^2; 6 mm^2
- Rated voltage (Uo/U): AC 1,0/1,0 kV; DC 1,5/1,5
- Conductor material: Tinned copper Class 5
- Number of conductors X diameter (N°x mm): 4 mm^2 - 50x0,30; 6 m^2 - 75x0,30
- Insulation and sheath material: Halogen-free compound
- Insulation thickness: 0,70 mm
- Insulation diameter: 4 mm^2- 3,90 mm; 6mm^2- 4,50mm
- Outer cable diameter: 4 mm^2- 5,50 mm; 6 mm^2- 6,05 mm
- Cable colour: black; red
- Maximum conductor resistance at 20°C: 4 mm^2- 5,09 ohm/km; 6 mm^2- 3,39 ohm/km
- Maximum insulation resistance at 20°C: 4 mm^2- 580 MΩ.km; 6 mm^2- 500 MΩ.km
- Minimum bending radius during laying: 5xØ of cable
- Flame spread test on single cable: EN 60332-1-2
- Operating temperature: -40+90°C
- Maximum short-circuit temperature: 250°C/5sec. (max.)
- Cable weight: 4 mm^2- 57kg; 6 mm^2- 77kg

CERTIFICATION

- Declaration of performance (DoP)
- TUV Certificate
- CE and EN Certificates

Catalogue number	Cross section (n x mm^2)	Colour	Outer diameter (mm)	Total weight (kg/km)	Packing (m)
M411079/BL	4	Black	5,6	58	100
M411079/R	4	Red	5,6	58	100
M411080/BL	6	Black	6,2	78	100
M411080/R	6	Red	6,2	78	100

7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

Scan each QR code to see product price and availability.

EXPLOSION PROOF INSTALLATION SYSTEMS



EX ZONES- EUROPEAN DIRECTIVE

ATEX Directive 2014/34/EU is a directive that applies to protective systems against explosions as well as all equipment used in or related to explosive atmospheres, such as electrical and non-electrical equipment, components and safety devices, control and adjustments necessary for the safe operation of this equipment and protective systems.

Devices falling within the scope of the European Directive and responding to the essential requirements for the safety and health are identified by a marking plate on which the logo appears.

LABELING OF EXPLOSION PROOF EQUIPMENT ACCORDING TO ATEX 2014/34/EU

Classification and labelling of hazardous locations

Flammable medium	Hazardous locations Probability of a potentially explosive atmosphere occuring	Classification of hazardous locations	Product classification: Product group	Product classification: Product category	Equipment protection level (EPL)
Gases, mists, vapours	Continuously, for long periods or frequently	Zone 0	II	1G	Ga
	Likely to occur	Zone 1	II	2G	Gb
	Infrequently and for short periods only	Zone 2	II	3G	Gc
Dusts	Continuously, for long periods or frequently	Zone 20	II	1D	Da
	Likely to occur	Zone 21	II	2D	Db
	Infrequently and for short periods only	Zone 22	II	3D	Dc

Notified bodies

Code number	Notified Body (NB)
0102	PTB (Germany)
0158	EXAM (Germany)

Classification Explosion groups & Temperature classes

Explosion group	Examples depending on - explosion group - temperature class					
IIA	Ammonia Methane Ethane Propane	Ethanol Cyclohexene n-Butane	Petrol Diesel fuel Fuel oil n-Hexane	Acetal-dehyde		
IIB	City gas Acrylic nitrile	Ethylene Ethylene oxide	Ethyl glycol Carbon hydrogen	Ethyl ether		
IIC	Hydrogen	Acetylene				Carbon disulphide

Temperature class	Attention: this list is only an extract of possible flammable mediums and does not claim to be complete!
T1<450 °C	
T2<300 °C	
T3<200 °C	
T4<135 °C	
T5<100 °C	
T6< 85 °C	

Product use depending on **temperature class** (T1 - T6). The temperature class indicates the max. temperature of the exposed surface of the product. For dust explosion proof, the max. surface temperature is directly shown (e.g. T80°C).

Example:

II 2 G Ex db IIC T6 Gb NB 12 ATEX 1007 X

II 2 D Ex tb IIIc T80°C Db

Protection principle	Type of protection	Code	Symbol	To use in zone	CENELEC
Prevents transmission of the explosion outside	flameproof enclosure	Exd	da db dc	0,1,2 1,2 2	EN 60079-1
Prevents high temperatures and sparks	increased safety	Exe	eb ec	1,2 2	EN 60079-7
Low current/voltage supply	intrinsic safety	Exi	ia ib ic	0,1,2,20,21,22 1,2,21,22 2,22	EN 60079-11
Positive pressure device	pressurised apparatus	Exp	pxb pyb pzc	1,2,21,22 1,2,21,22 2,22	EN 60079-2
Encapsulated	moulding	Exm	ma mb mc	0,1,2,20,21,22 1,2,21,22 2,22	EN 60079-18
Parts immersed in oil to isolate from explosive atmosphere	oil immersion	Exo	ob oc	1,2 2	EN 60079-6
Prevents transmission of explosion outside	powder filling	Exq	qb	1,2	EN 60079-5
As above, but for use in zone 2	protection "n"	Exn	nC nR	2 2	EN 60079-15
Dust explosion proof	protection by enclosure	Ext	ta tb tc	20,21,22 21,22 22	EN 60079-31

Protection principle – Type of protection – EN 60079-0 General Requirements

Code	Dust classification
IIIA	flammable fibres
IIIB	non conductive dust
IIIC	conductive dust

IP	Protection against solids/dust	Protection against water
8	–	long periods of immersion
7	–	the effects of temporary immersion
6	totally protected against dust	strong jets of water
5	dust - limited ingress	low pressure jets from all directions
4	solids objects > 1 mm	sprays from all directions
3	solids objects > 2,5 mm	direct sprays up to 60° from vertical
2	solids objects > 12,5 mm	direct sprays up to 15° from vertical
1	solids objects > 50 mm	vertical falling drops of water
0	no protection	no protection

Ingress Protection EN 60529

Application	Code
For common use	–
For use under special conditions	X
This part is an Ex component and certified as such and is therefore not suitable for use on its own CE conformity is achieved by incorporation into equipment	U

Further information

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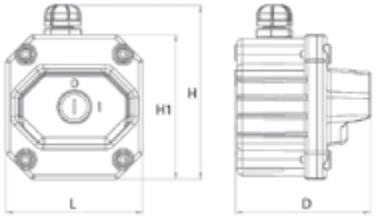
EX-PROOF STARTERS AND INDICATORS

STARTERS FOR WORK IN EXPLOSIVE ATMOSPHERE WITH 1 BUTTON FOR SURFACE MOUNTING, IP65





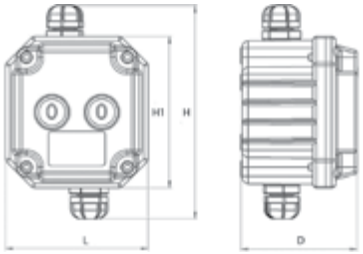
TECHNICAL DATA

- Application: Zone 1, 2, 21, 22
- Rated voltage: 400V AC
- Rated current: 6A
- Terminals: for power conductors up to 2.5mm²
- Mounting: Surface
- IP Code: 65
- Marking

II 2 D Ex t IIIC T80°C IP65 Db
II 2 G Ex e II T6Gb

Catalogue number	Entry QTY	Button type	Dimensions (mm)				Packing/ Box
			L	H	H1	D	
720001	1	1 start	100	128	106	82	1
720002	2	1 start	100	150	106	97	1
720003	1	1 stop	100	128	106	82	1
720004	2	1 stop	100	150	106	97	1
720005	1	1 key I-0	100	128	106	82	1
720006	2	1 key I-0	100	150	106	97	1

STARTERS FOR WORK IN EXPLOSIVE ATMOSPHERE WITH 2 BUTTONS FOR SURFACE MOUNTING, IP65





TECHNICAL DATA

- Application: Zone 1, 2, 21, 22
- Rated voltage: 400V AC
- Rated current: 6A
- Terminals: for power conductors up to 2.5mm²
- Mounting: Surface
- IP Code: 65
- Marking

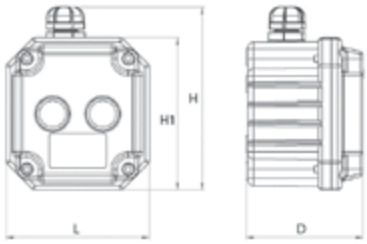
II 2 D Ex t IIIC T80°C IP65 Db
II 2 G Ex e II T6Gb

Catalogue number	Entry QTY	Button type	Dimensions (mm)				Packing/ Box
			L	H	H1	D	
720009	1	2 start	100	128	106	82	1
720010	2	2 start	100	150	106	97	1
720011	1	2 stop	100	128	106	82	1
720012	2	2 stop	100	150	106	97	1
720013	1	1 start + 1 stop	100	128	106	82	1
720014	2	1 start + 1 stop	100	150	106	97	1

5 YEARS TOTAL WARRANTY
5 standard + 0 extended

Scan each QR code to see product price and availability.

INDICATORS FOR WORK IN EXPLOSIVE ATMOSPHERE FOR SURFACE MOUNTING, IP65



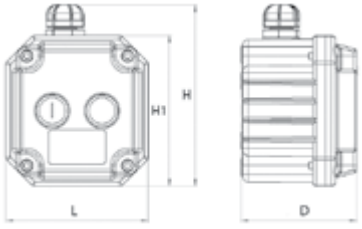
TECHNICAL DATA

- Application: Zone 1, 2, 21, 22
- Rated voltage: 20 ÷ 30V AC/DC 170 ÷ 250 V AC 50 Hz
- Terminals: for power conductors up to 2.5mm²
- Mounting: Surface
- IP Code: 65
- Marking
- II 2 D Ex t IIIC T80°C IP65 Db
- II 2 G Ex e II T6Gb



Catalogue number	Entry QTY	Light type	Dimensions (mm)				Packing/ Box
			L	H	H1	D	
720007R	1	1 red	100	128	106	82	1
720008R	2	1 red	100	150	106	97	1
720007G	1	1 green	100	128	106	82	1
720008G	2	1 green	100	150	106	97	1
720015RG	1	1 red+ 1 green	100	128	106	82	1
720016RG	2	1 red+ 1 green	100	150	106	97	1

STARTERS WITH INDICATORS FOR WORK IN EXPLOSIVE ATMOSPHERE FOR SURFACE MOUNTING, IP65



TECHNICAL DATA

- Application: Zone 1, 2, 21, 22
- Buttons rated voltage: 400V AC
- Indicators rated voltage: 20 ÷ 30V AC/DC 170 ÷ 250 V AC 50 Hz
- Button rated current: 6A
- Terminals: for power conductors up to 2.5mm²
- Mounting: Surface
- IP Code: 65
- Marking
- II 2 D Ex t IIIC T80°C IP65 Db
- II 2 G Ex e II T6Gb



Catalogue number	Entry QTY	Button type	Light type	Dimensions (mm)				Packing/ Box
				L	H	H1	D	
720017	1	1 start	1 green	100	128	106	82	1
720018	2	1 start	1 green	100	150	106	97	1
720019	1	1 stop	1 red	100	128	106	82	1
720020	2	1 stop	1 red	100	150	106	97	1

5 YEARS TOTAL WARRANTY
5 standard
0 extended

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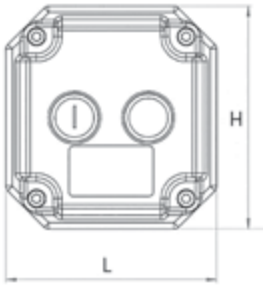




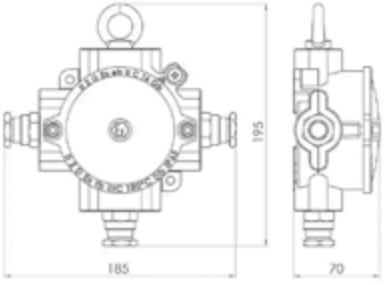
STARTERS AND INDICATORS FOR WORK IN EXPLOSIVE ATMOSPHERE FOR FLUSH MOUNTING, IP65

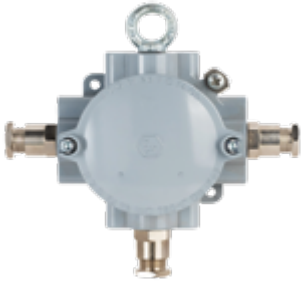
TECHNICAL DATA

- Application: Zone 1, 2, 21, 22
- Buttons rated voltage: 400V AC
- Indicators rated voltage: 20 ÷ 30V AC/DC
  170 ÷ 250 V AC 50 Hz
- Button rated current: 6A
- Terminals: for power conductors up to 2.5mm²
- Mounting: Surface
- IP Code: 65
- Marking
  II 2 D Ex t IIIC T80°C IP65 Db
  II 2 G Ex e II T6Gb

Catalogue number	Button type	Light type	Dimensions (mm)			Packing/ Box
			L	H	D	
720030	1 start	Without	100	106	77	1
720031	1 stop	Without	100	106	77	1
720032	1 key I-0	Without	100	106	77	1
720033G	Without	1 green	100	106	77	1
720033R	Without	1 red	100	106	77	1
720034	2 start	Without	100	106	77	1
720035	2 stop	Without	100	106	77	1
720036	1 start + 1 stop	Without	100	106	77	1
720037RG	Without	1 red+ 1 green	100	106	77	1
720037G	Without	2 green	100	106	77	1
720037R	Without	2 red	100	106	77	1
720038	1 start	1 green	100	106	77	1
720039	1 stop	1 red	100	106	77	1

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended





DISTRIBUTION BOXES FOR WORK IN EXPLOSIVE ATMOSPHERE FOR SURFACE AND HANGING MOUNTING, IP67

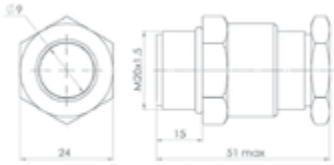
TECHNICAL DATA

- Application: Zone 1, 2, 21, 22
- Rated voltage: 400V AC
- Working temperature: -40~+80°C
- Terminals: for power conductors up to 2.5mm²
- Mounting: Surface/ Hanging
- IP Code: 67
- Material: Aluminum
- Colour: Grey
- Marking
  II 2D Ex t IIIC T80°C IP67 Db
  II 2G Ex e II T6 Gb

Catalogue number	Entry QTY	Entry size	Dimensions (mm)			Packing/ Box
			L	H	D	
720050	3	3 x M20x1.5	185	195	70	1
720051	3	3 x M25x1.5	185	195	70	1
720052	4	4 x M20x1.5	185	195	70	1
720053	4	4 x M25x1.5	185	195	70	1
720054	3	3 x M20x1.5 + 1 hook	185	195	70	1
720055	3	3 x M25x1.5 + 1 hook	185	195	70	1
720056	3	3 x 3/4	185	195	70	1
720057	4	4 x 3/4	185	195	70	1
720058	3	2 x M20x1.5 + 1 x 3/4	185	195	70	1
720059	3	2 x M25x1.5 + 1 x 3/4	185	195	70	1
720060	4	3 x M20x1.5 + 1 x 3/4	185	195	70	1
720061	4	3 x M25x1.5 + 1 x 3/4	185	195	70	1

Scan each QR code to see product price and availability.

CABLE GLANDS FOR WORK IN EXPLOSIVE ATMOSPHERE, IP67



TECHNICAL DATA

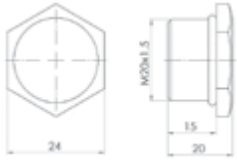
- Application: Zone 1, 2, 20, 21, 22
- Working temperature: -40~+80°C
- IP Code: 67
- Material: Brass and rubber
- Marking

II 2D Ex t IIIC T80°C IP67 Db
II 2G Ex e II T6 Gb



Catalogue number	Model	Cable outer diameter	Connecting thread	Dimensions (mm)			Packing/ Box
				L	T	B	
720070	CENT S4	7.00- 8.50mm	M20x1.5	42	M20	15	1
720071	CENT S5	8.00- 10.00mm	M20x1.5	42	M20	15	1
720072	CENT S2	10.00- 12.00mm	M20x1.5	42	M20	15	1
720073	CENT S3	12.00- 15.00mm	M25x1.5	43.5	M25	15	1
720074	CENT S7	15.00- 17.00mm	M25x1.5	43.5	M25	15	1

EX-PROOF STOPPER FOR WORK IN EXPLOSIVE ATMOSPHERE, IP67



TECHNICAL DATA

- Application: Zone 1, 2, 20, 21, 22
- Working temperature: -40~+80°C
- IP Code: 67
- Material: Brass and rubber
- Marking

II 2D Ex t IIIC T80°C IP67 Db
II 2G Ex e II T6 Gb



Catalogue number	Connecting thread	Dimensions (mm)		Packing/ Box
		L	B	
720075	M20x1.5	20	15	1
720076	M25x1.5	20	15	1

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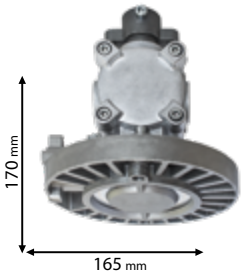
EX-PROOF LIGHTING

EX-PROOF CEILING & WALL LAMPS, IP67

LED | cold WHITE 6500K | EX-PROOF | F



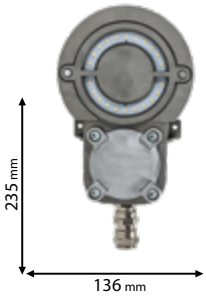
720100

TECHNICAL DATA

- Type: Explosion Proof LED Ceiling Lamp
- Application: Zone 1, 2, 21, 22
- Power: 20W
- Lumens: 2400lm
- Efficiency: 120lm/W
- LED Chip: SAMSUNG
- CRI≥80
- Lamp Class: I
- Temperature operating range: from -40°C to + 45°C
- Material: Aluminum & PC
- IP Code: 67

II 2G Ex Db mb IIB +H2 T6 Gb
II 2D Ex tb mb IIIC T85°C IP67 Db

LED | cold WHITE 6500K | EX-PROOF | F



720105

TECHNICAL DATA

- Type: Explosion Proof LED Ceiling / Wall Lamp
- Application: Zone 1, 2, 21, 22
- Power: 20W
- Lumens: 2000lm
- Efficiency: 100lm/W
- LED Chip: SAMSUNG
- CRI≥80
- Lamp Class: I
- Temperature operating range: from -40°C to + 45°C
- Material: Aluminum & PC
- IP Code: 67
- Width: 55 mm

II 2G Ex Db mb IIB +H2 T6 Gb
II 2D Ex tb mb IIIC T85°C IP67 Db

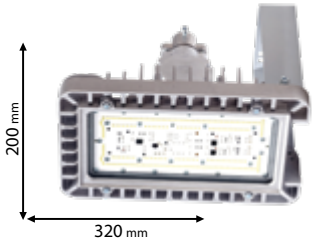
3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

Scan each QR code to see product price and availability.

PRODUCED FOR **ELMARK** IN BULGARIA

3 YEARS TOTAL WARRANTY
3 standard + 0 extended

LED | cold WHITE 6500K | EX-PROOF | F



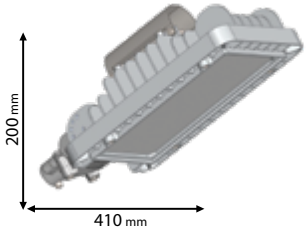
720102

TECHNICAL DATA

- Type: Explosion Proof LED Ceiling Lamp
- Application: Zone 1, 2, 21, 22
- Power: 70W
- Lumens: 6300lm
- Efficiency: 90lm/W
- LED Chip: SAMSUNG
- CRI≥80
- Lamp Class: I
- Temperature operating range: from -40°C to + 45°C
- Material: Aluminum & PC
- IP Code: 67
- Width: 470mm

II 2G Ex Db mb IIB +H2 T6 Gb
II 2D Ex tb mb IIIC T85°C IP67 Db

LED | cold WHITE 6500K | EX-PROOF | F



720103

TECHNICAL DATA

- Type: Explosion Proof LED Wall Lamp for Pipe 3/4
- Application: Zone 1, 2, 21, 22
- Power: 70W
- Lumens: 6300lm
- Efficiency: 90lm/W
- LED Chip: SAMSUNG
- CRI≥80
- Lamp Class: I
- Temperature operating range: from -40°C to + 45°C
- Material: Aluminum & PC
- IP Code: 67
- Width: 470mm

II 2G Ex Db mb IIB +H2 T6 Gb
II 2D Ex tb mb IIIC T85°C IP67 Db

Scan each QR code to see product price and availability.

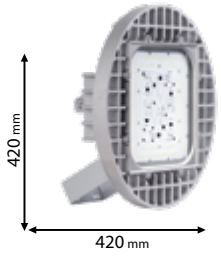
3 YEARS TOTAL WARRANTY
3 standard
+ 0 extended

PRODUCED FOR ELMARK IN BULGARIA

ELMARK
The Brand of Electricity

EX-PROOF HIGH BAY & CEILING/WALL LAMP, IP67

LED | cold WHITE 6500K | EX-PROOF | F



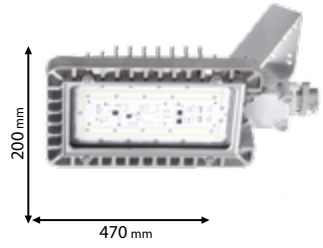
720104

TECHNICAL DATA

- Type: Explosion Proof LED High Bay
- Application: Zone 1, 2, 21, 22
- Power: 150W
- Lumens: 13000lm
- Efficiency: 87lm/W
- LED Chip: SAMSUNG
- CRI≥80
- Lamp Class: I
- Temperature operating range: from -40°C to + 40°C
- Material: Aluminum & PC
- Width: max.280 mm
- IP Code: 65

II 2G Ex Db mb IIB +H2 T6 Gb
II 2D Ex tb mb IIIC T85°C IP67 Db

LED | cold WHITE 6500K | EX-PROOF | F



720101

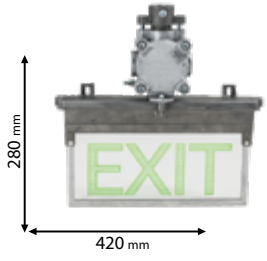
TECHNICAL DATA

- Type: Explosion Proof LED Wall Lamp
- Application: Zone 1, 2, 21, 22
- Power: 70W
- Lumens: 6500lm
- Efficiency: 93lm/W
- LED Chip: SAMSUNG
- CRI≥85
- Lamp Class: I
- Temperature operating range: from -40°C to + 45°C
- Material: Aluminum & PC
- IP Code: 67

II 2G Ex Db mb IIB +H2 T6 Gb
II 2D Ex tb mb IIIC T85°C IP67 Db

EMERGENCY EX-PROOF LAMP, IP67

LED | cold WHITE 6500K | EX-PROOF | F



720106

TECHNICAL DATA

- Type: Explosion Proof LED EXIT Light
- Application: Zone 1, 2, 21, 22
- Battery: 3,6V, 60mAh, Ni-Cd
- Emergency Work Time: 3h
- CRI≥80≥6.5cd/m²
- Lamp Class: I
- Temperature operating range: from -40°C to + 50°C
- Material: Aluminum & PC
- IP Code: 65

II 2G Ex Db mb IIB +H2 T6 Gb
II 2D Ex tb mb IIIC T85°C IP67 Db

Scan each QR code to see product price and availability.

SWITCHES & SOCKETS

GERMAN AND FRENCH TYPE

CITY SERIES



CITY SERIES GERMAN AND FRENCH TYPE


White/White


Anthracite/White


Champagne metallic/
White


Yellow/White


Red/White


Green/White


Blue/White


Orange/White


Orange metallic/White


Bordo metallic/
White


Grey/White


Champagne metallic


White/
Champagne metallic


Anthracite/
Champagne metallic


Yellow/
Champagne metallic


Red/
Champagne metallic


Green/
Champagne metallic


Blue/
Champagne metallic


Orange/
Champagne metallic


Orange metallic/
Champagne metallic


Bordo metallic/
Champagne metallic


Grey/
Champagne metallic



Anthracite



White/Anthracite



Champagne metallic/
Anthracite



Blue/Anthracite



Red/
Anthracite



Green/
Anthracite



Yellow/
Anthracite



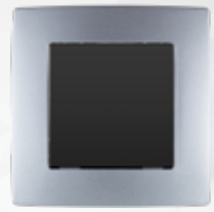
Orange/
Anthracite



Orange metallic/
Anthracite



Bordo metallic/
Anthracite



Grey/
Anthracite



2 gangs Champagne metallic/White



3 gangs Red/White



4 gangs Anthracite/White



5 gangs Grey/White

ELMARK
The Brand of Electricity

SWITCHES PLUS PANEL | WHITE





ONE BUTTON SWITCHES

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190011	1 button 1 way switch	10	10/100
190021	1 button 2 way switch	10	10/100
190031	1 button cross switch	10	10/100
190791	1 button double pole switch	20	10/100



ONE BUTTON SWITCHES WITH LIGHT

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190011L	1 button 1 way switch with light	10	10/100
190021L	1 button 2 way switch with light	10	10/100



TWO BUTTONS SWITCHES

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190041	2 buttons 1 way switch	10	10/100
190051	2 buttons 2 way switch	10	10/100

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended



THREE BUTTONS SWITCHES

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190064	3 buttons 1 way switch	10	10/100



DOORBELL SWITCH

Catalogue number	Type	Packing/ Box (pcs)
190181	Doorbell switch	10/100



DOORBELL SWITCH WITH NAME CARD

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190171	Doorbell switch with light name card	10	10/100



PUSH LIGHT BUTTON

Catalogue number	Type	Packing/ Box (pcs)
190183	Type: Push light button	10/100

KEY CARD POWER SWITCH

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190043	Key card power switch **Not compatible with another decorative frame.	10	10/60

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended



CURTAIN CONTROL & INTERLOCK SHUTTER SWITCH

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190045	1-2 mode curtain control switch	10	10/60
190066	Interlock shutter switch	10	10/100



DIMMER SWITCH

Catalogue number	Type	Packing/ Box (pcs)
190191	Dimmer switch LED 3-300W	10/60
190193	Dimmer switch 0-10V	10/60



MOTION SENSOR

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190771	Motion sensor 200W	10	10/60

Scan each QR code to see product price and availability.

SOCKETS PLUS PANEL | WHITE





FRENCH TYPE SOCKET

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190211F	**French screw type socket**	16	10/100



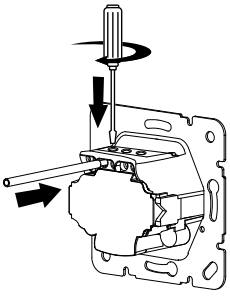
GERMAN TYPE SOCKET

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190211S	**German screw type socket**	16	10/100



GERMAN TYPE SOCKET IP44

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190211D	**German screw type socket** IP44	16	10/100



Screw type sockets

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

ELMARK
The Brand of Electricity



GERMAN TYPE SOCKET WITH USB PORTS

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190062	German screw type socket with 2 USB ports	16	10/100



GERMAN TYPE SOCKET - DOUBLE

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190371S	German screw type socket (double)	16	10/100

AUDIO & NETWORKING SOCKETS



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190721	Audio socket- double	10	10/100



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190751	USB socket - double 2A	2	10/100



Catalogue number	Type	Packing/ Box (pcs)
190747	HDMI socket	10/100



Catalogue number	Type	Packing/ Box (pcs)
190281	Computer socket RJ45 CAT5E	10/100
190034	Computer socket RJ45 CAT6	10/100

Scan each QR code to see product price and availability.



Catalogue number	Type	Packing/ Box (pcs)
190711	Computer socket RJ45 - double	10/100

TELEPHONE & TV SOCKETS



Catalogue number	Type	Packing/ Box (pcs)
190261	Phone socket RJ11	10/100



Catalogue number	Type	Packing/ Box (pcs)
190731	Phone socket RJ11 + Computer socket RJ45	10/100



Catalogue number	Type	Packing/ Box (pcs)
190251	TV socket	10/100



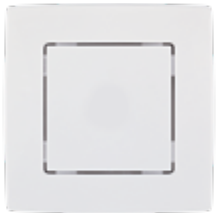
Catalogue number	Type	Packing/ Box (pcs)
190033	TV+FM+SAT socket	10/100

ACCESSORIES

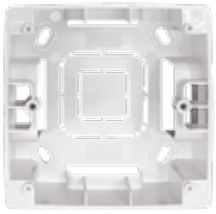


Catalogue number	Type	Packing/ Box (pcs)
190060	1 Gang cable outlet without cable terminal	10/100

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended



Catalogue number	Type	Packing/ Box (pcs)
190741	One gang blank plate	10/100



Catalogue number	Type	Packing/ Box (pcs)
190091	One gang surface mounting box	126



Catalogue number	Type	Packing/ Box (pcs)
190092	Two gangs surface mounting box	66



Catalogue number	Type	Packing/ Box (pcs)
190090	Silicone cover IP44	100

Scan each QR code to see product price and availability.

SWITCHES PLUS PANEL | ANTHRACITE





ONE BUTTON SWITCHES

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
193011	1 button 1 way switch	10	10/100
193021	1 button 2 way switch	10	10/100
193031	1 button cross switch	10	10/100
193791	1 button double pole switch	20	10/100



ONE BUTTON SWITCHES WITH LIGHT

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
193011L	1 button 1 way switch with light	10	10/100
193021L	1 button 2 way switch with light	10	10/100



TWO BUTTONS SWITCHES

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
193041	2 buttons 1 way switch	10	10/100
193051	2 buttons 2 way switch	10	10/100

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended



THREE BUTTONS SWITCH

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
193064	3 buttons 1 way switch	10	10/100



DOORBELL SWITCH

Catalogue number	Type	Packing/ Box (pcs)
193181	Doorbell switch	10/100



DOORBELL SWITCH WITH NAME CARD

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
193171	Doorbell switch with light name card	10	10/100



PUSH LIGHT BUTTON

Catalogue number	Type	Packing/ Box (pcs)
193183	Type: Push light button	10/100



KEY CARD POWER SWITCH

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
193043	Key card power switch *Not compatible with another decorative frame.	10	10/60

Scan each QR code to see product price and availability.



CURTAIN CONTROL & INTERLOCK SHUTTER SWITCH

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
193045	1-2 mode curtain control switch	10	10/60
193066	Interlock shutter switch	10	10/100



DIMMER SWITCH

Catalogue number	Type	Packing/ Box (pcs)
193191	Dimmer switch LED 3-300W	10/60
193193	Dimmer switch 0-10V	10/60



MOTION SENSOR

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
193771	Motion sensor 200W	10	10/60

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
5 standard
0 extended

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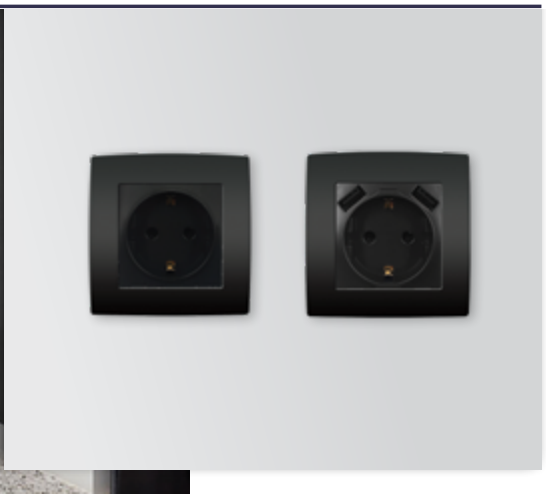
The Brand of Electricity

SOCKETS PLUS PANEL | ANTHRACITE







FRENCH TYPE SOCKET

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
193211F	French screw type socket	16	10/100



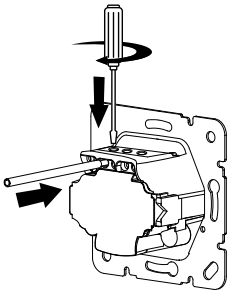
GERMAN TYPE SOCKET

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
193211S	German screw type socket	16	10/100



GERMAN TYPE SOCKET IP44

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
193211D	German screw type socket IP44	16	10/100



Screw type sockets

Scan each QR code to see product price and availability.



GERMAN TYPE SOCKET WITH USB PORTS

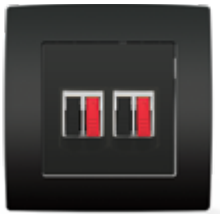
Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
193062	German screw type socket with 2xUSB ports	16	10/100



GERMAN TYPE SOCKET WITH USB PORTS

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
193371S	German screw type socket (double)	16	10/100

AUDIO & NETWORKING SOCKETS



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
193721	Audio socket- double	10	10/100



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
193751	USB socket - double 2A	2	10/100



Catalogue number	Type	Packing/ Box (pcs)
193747	HDMI socket	10/100



Catalogue number	Type	Packing/ Box (pcs)
193281	Computer socket RJ45 CAT5E	10/100
193034	Computer socket RJ45 CAT6	10/100

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended



Catalogue number	Type	Packing/ Box (pcs)
193711	Computer socket RJ45 - double	10/100

TELEPHONE & TV SOCKETS



Catalogue number	Type	Packing/ Box (pcs)
193261	Phone socket RJ11	10/100



Catalogue number	Type	Packing/ Box (pcs)
193731	Phone socket RJ11 + Computer socket RJ45	10/100



Catalogue number	Type	Packing/ Box (pcs)
193251	TV socket	10/100



Catalogue number	Type	Packing/ Box (pcs)
193033	TV+FM+SAT socket	10/100

ACCESSORIES

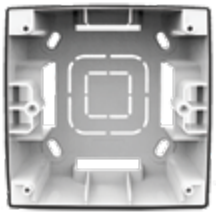


Catalogue number	Type	Packing/ Box (pcs)
193060	1 Gang cable outlet without cable terminal	10/100

Scan each QR code to see product price and availability.



Catalogue number	Type	Packing/ Box (pcs)
193741	One gang blank plate	10/100



Catalogue number	Type	Packing/ Box (pcs)
193091	One gang surface mounting box	126



Catalogue number	Type	Packing/ Box (pcs)
193092	Two gangs surface mounting box	66

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

SWITCHES PLUS PANEL | CHAMPAGNE METALLIC





5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended



ONE BUTTON SWITCHES

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190012	1 button 1 way switch	10	10/100
190022	1 button 2 way switch	10	10/100
190032	1 button cross switch	10	10/100
190722	**1 button 1 way switch**	20	10/100
190069	1 button double pole switch	20	10/100



ONE BUTTON SWITCHES WITH LIGHT

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190012L	1 button 1 way switch with light	10	10/100
190022L	1 button 2 way switch with light	10	10/100



TWO BUTTONS SWITCHES

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190042	2 buttons 1 way switch	10	10/100
190052	2 buttons 2 way switch	10	10/100

Scan each QR code to see product price and availability.



THREE BUTTONS SWITCHES

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190065	3 buttons 1 way switch	10	10/100



DOORBELL SWITCH

Catalogue number	Type	Packing/ Box (pcs)
190182	Doorbell switch	10/100



DOORBELL SWITCH WITH NAME CARD

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190748	Doorbell switch with light name card	10	10/100



PUSH LIGHT BUTTON

Catalogue number	Type	Packing/ Box (pcs)
190184	Type: Push light button	10/100



KEY CARD POWER SWITCH

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190044	Key card power switch *Not compatible with another decorative frame.	10	10/60

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended



CURTAIN CONTROL & INTERLOCK SHUTTER SWITCH

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190046	1-2 mode curtain control switch	10	10/60
190067	Interlock shutter switch	10	10/100



DIMMER SWITCH

Catalogue number	Type	Packing/ Box (pcs)
190192	Dimmer switch LED 3-300W	10/60
190194	Dimmer switch 0-10V	



MOTION SENSOR

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190782	Motion sensor 200W	10	10/60

Scan each QR code to see product price and availability.

SOCKETS PLUS PANEL | CHAMPAGNE METALLIC





FRENCH TYPE SOCKET

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190212F	French screw type socket	16	10/100



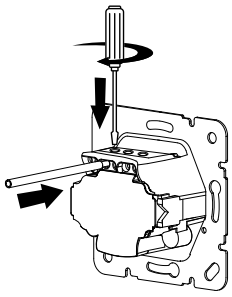
GERMAN TYPE SOCKET

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190212S	German screw type socket	16	10/100



GERMAN TYPE SOCKET IP44

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190212D	German screw type socket IP44	16	10/100



Screw type sockets

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

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GERMAN TYPE SOCKET - DOUBLE

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190372S	German screw type socket - double	16	10/100

AUDIO & NETWORKING SOCKETS



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190742	Audio socket- double	10	10/100



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190752	USB socket - double	2	10/100



Catalogue number	Type	Packing/ Box (pcs)
190772	HDMI socket	10/100



Catalogue number	Type	Packing/ Box (pcs)
190282	Computer socket RJ45 CAT5E	10/100
190035	Computer socket RJ45 CAT6	10/100



Catalogue number	Type	Packing/ Box (pcs)
190712	Computer socket RJ45 - double	10/100

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended



TELEPHONE & TV SOCKETS

Catalogue number	Type	Packing/ Box (pcs)
190262	Phone socket RJ11	10/100



Catalogue number	Type	Packing/ Box (pcs)
190732	Phone socket RJ11 + Computer socket RJ45	10/100



Catalogue number	Type	Packing/ Box (pcs)
190252	TV socket	10/100



Catalogue number	Type	Packing/ Box (pcs)
190034F	TV+FM+SAT socket	10/100

ACCESSORIES



Catalogue number	Type	Packing/ Box (pcs)
190172	1 gang blank plate	10/100

Scan each QR code to see product price and availability.

DECORATIVE PANELS CITY SERIES





WHITE PANELS

Catalogue number	Type	Size: HxL (mm)	Packing/ Box (pcs)
190441	One gang panel	85x85	1/200
190551	Two gangs panel	85x155	1/100
190661	Three gangs panel	85x225	1/150
190361	Four gangs panel	85x298	1/100
190601	Five gangs panel	85x367	1/100

One gang panel

Two gangs panel

Four gangs panel

Three gangs panel

Five gangs panel

Scan each QR code to see product price and availability.

ANTHRACITE PANELS

Catalogue number	Type	Size: HxL (mm)	Packing/ Box (pcs)
190440	One gang panel	85x85	1/200
193551	Two gangs panel	85x155	1/100
193661	Three gangs panel	85x225	1/150
193361	Four gangs panel	85x298	1/100
193601	Five gangs panel	85x367	1/100


One gang panel


Two gangs panel


Four gangs panel


Three gangs panel


Five gangs panel

CHAMPAGNE METALLIC PANELS

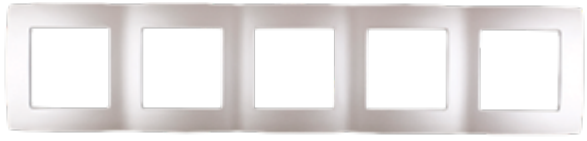
Catalogue number	Type	Size: HxL (mm)	Packing/ Box (pcs)
190442	One gang panel	85x85	1/200
190552	Two gangs panel	85x155	1/100
190662	Three gangs panel	85x225	1/150
190362	Four gangs panel	85x298	1/100
190602	Five gangs panel	85x367	1/100


One gang panel


Two gangs panel


Four gangs panel


Three gangs panel


Five gangs panel

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

ORANGE PANELS

Catalogue number	Type	Size: HxL (mm)	Packing/ Box (pcs)
190443	One gang panel	85x85	1/200
190553	Two gangs panel	85x155	1/100
190663	Three gangs panel	85x225	1/150
190363	Four gangs panel	85x298	1/100
190603	Five gangs panel	85x367	1/100



One gang panel



Two gangs panel



Four gangs panel



Three gangs panel



Five gangs panel

YELLOW PANELS

Catalogue number	Type	Size: HxL (mm)	Packing/ Box (pcs)
190444	One gang panel	85x85	1/200
190554	Two gangs panel	85x155	1/100
190664	Three gangs panel	85x225	1/150
190364	Four gangs panel	85x298	1/100
190604	Five gangs panel	85x367	1/100



One gang panel



Two gangs panel



Four gangs panel



Three gangs panel



Five gangs panel

Scan each QR code to see product price and availability.

GREEN PANELS

Catalogue number	Type	Size: HxL (mm)	Packing/ Box (pcs)
190445	One gang panel	85x85	1/200
190555	Two gangs panel	85x155	1/100
190665	Three gangs panel	85x225	1/150
190365	Four gangs panel	85x298	1/100
190605	Five gangs panel	85x367	1/100



One gang panel



Two gangs panel



Four gangs panel



Three gangs panel



Five gangs panel

RED PANELS

Catalogue number	Type	Size: HxL (mm)	Packing/ Box (pcs)
190446	One gang panel	85x85	1/200
190556	Two gangs panel	85x155	1/100
190666	Three gangs panel	85x225	1/150
190366	Four gangs panel	85x298	1/100
190606	Five gangs panel	85x367	1/100



One gang panel



Two gangs panel



Four gangs panel



Three gangs panel



Five gangs panel

Scan each QR code to see product price and availability.

BLUE PANELS

Catalogue number	Type	Size: HxL (mm)	Packing/ Box (pcs)
190447	One gang panel	85x85	1/200
190557	Two gangs panel	85x155	1/100
190667	Three gangs panel	85x225	1/150
190367	Four gangs panel	85x298	1/100
190607	Five gangs panel	85x367	1/100


One gang panel


Two gangs panel


Four gangs panel

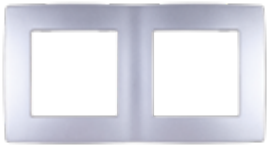

Three gangs panel

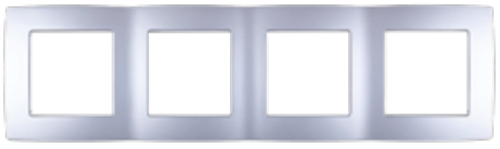

Five gangs panel

GREY PANELS

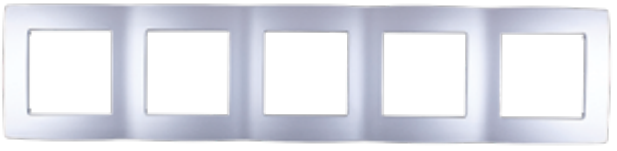
Catalogue number	Type	Size: HxL (mm)	Packing/ Box (pcs)
190450	One gang panel	85x85	1/200
190560	Two gangs panel	85x155	1/100
190670	Three gangs panel	85x225	1/150
190370	Four gangs panel	85x298	1/100
190610	Five gangs panel	85x367	1/100


One gang panel


Two gangs panel


Four gangs panel


Three gangs panel


Five gangs panel

Scan each QR code to see product price and availability.

ORANGE METALLIC PANELS

Catalogue number	Type	Size: HxL (mm)	Packing/ Box (pcs)
190448	One gang panel	85x85	1/200
190558	Two gangs panel	85x155	1/100
190668	Three gangs panel	85x225	1/150
190368	Four gangs panel	85x298	1/100
190608	Five gangs panel	85x367	1/100


One gang panel


Two gangs panel


Four gangs panel


Three gangs panel


Five gangs panel

BORDO METALLIC PANELS

Catalogue number	Type	Size: HxL (mm)	Packing/ Box (pcs)
190449	One gang panel	85x85	1/200
190559	Two gangs panel	85x155	1/100
190669	Three gangs panel	85x225	1/150
190369	Four gangs panel	85x298	1/100
190609	Five gangs panel	85x367	1/100


One gang panel


Two gangs panel


Four gangs panel


Three gangs panel


Five gangs panel

Scan each QR code to see product price and availability.

SWITCHES & SOCKETS

ITALIAN TYPE

LECCE SERIES





White/White



Black/White



Silver grey/White



Green/White



Golden/White



Graphite mat/White



Graphite/White



Blue/White



Champagne/White



Onix/White



Cherry-tree/White



White/Black



Black/Black



Silver grey/Black



Green/Black



Golden/Black



Graphite mat/Black



Graphite/Black



Blue/Black



Champagne/Black



Onix/Black



Cherry-tree/Black

LECCE SERIES ITALIAN TYPE



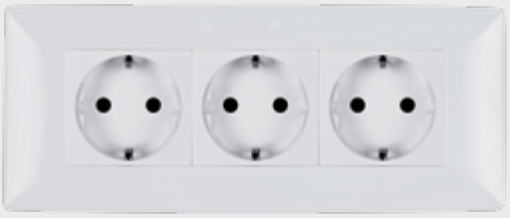
1 gang Black/White



2 gangs Green/White



2 gangs Blue/White



6 gangs White/White



3 gangs Onix/White



6 gangs Black/White



3x2 gangs Champagne/White

MODULE SWITCHES | WHITE



5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

ONE BUTTON SWITCHES



Catalogue number	Type	Size	Rated current (A)	Packing/ Box (pcs)
26001	1 button 1 way switch	1 mod	16	10/100
26003	1 button 2 way switch	1 mod	16	10/100
26004	1 button cross switch	1 mod	10	10/100
26027	Push light button	1 mod	10	10/100



Catalogue number	Type	Size	Rated current (A)	Packing/ Box (pcs)
26026	1 button 2 pole switch	1 mod	16	10/100



Catalogue number	Type	Size	Rated current (A)	Packing/ Box (pcs)
26002	1 button 1 way switch with light	1 mod	16	10/100

CURTAIN CONTROL SWITCH



Catalogue number	Type	Size	Rated current (A)	Packing/ Box (pcs)
26006	Curtain switch	1 mod	6	10/60

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

ELMARK
The Brand of Electricity

DOORBELL SWITCHES



Catalogue number	Type	Size	Rated current (A)	Packing/ Box (pcs)
26005	Door bell switch	1 mod	10	10/100



Catalogue number	Type	Size	Packing/ Box (pcs)
26015	Door bell	2mod	10/100

DIMMER SWITCHES

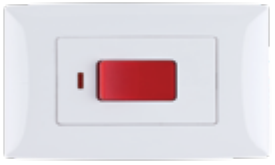


Catalogue number	Type	Size	Packing/ Box (pcs)
26055	Dimmer 250W	1 mod	10/60



Catalogue number	Type	Size	Packing/ Box (pcs)
26053	**LED dimmer 200VA**	3 mod	10/60

BOILER SWITCHES



Catalogue number	Type	Size	Rated current (A)	Packing/ Box (pcs)
26024	Boiler switch with neon * Not included decorative triple panel.	3 mod	45A	10/60

KEY POWER SWITCH



Catalogue number	Type	Size	Rated current (A)	Packing/ Box (pcs)
26025	Key power switch	3 mod	30	10/100

Scan each QR code to see product price and availability.

MODULE SOCKETS | WHITE



GERMAN TYPE SOCKET



Catalogue number	Type	Size	Rated current (A)	Packing/ Box (pcs)
26008	German type socket	2 mod	16	10/100

ITALIAN TYPE SOCKET



Catalogue number	Type	Size	Rated current (A)	Packing/ Box (pcs)
26020	Italian type socket	2 mod	16	10/100



Catalogue number	Type	Size	Rated current (A)	Packing/ Box (pcs)
26007	Italian standard multi socket	1 mod	16	10/100

UNIVERSAL TYPE SOCKET



Catalogue number	Type	Size	Rated current (A)	Packing/ Box (pcs)
26009	Universal socket	2 mod	13	10/100

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
5 standard
+ 0 extended

DOUBLE PIN SOCKET



Catalogue number	Type	Size	Rated current (A)	Packing/ Box (pcs)
26007SA	Double pin socket	1 mod	16	10/100

AUDIO & NETWORKING SOCKETS



Catalogue number	Type	Size	Packing/ Box (pcs)
26021	Audio socket	1 mod	10/100



Catalogue number	Type	Size	Packing/ Box (pcs)
26016	Sound dimmer	2 mod	10/100



Catalogue number	Type	Size	Packing/ Box (pcs)
26014	2 port USB socket 90-240V / Output: 5V 2A	1 mod	10/100



Catalogue number	Type	Size	Packing/ Box (pcs)
26022	HDMI socket	1 mod	10/100



Catalogue number	Type	Size	Packing/ Box (pcs)
26013	Computer socket RJ45 CAT5E	1 mod	10/100
26013C	**Computer socket RJ45 CAT6**	1 mod	

Scan each QR code to see product price and availability.

TELEPHONE & TV SOCKETS



Catalogue number	Type	Size	Packing/ Box (pcs)
26012	Phone socket	1 mod	10/100



Catalogue number	Type	Size	Packing/ Box (pcs)
26010	TV socket	1 mod	10/100



Catalogue number	Type	Size	Packing/ Box (pcs)
26011	Satellite socket	1 mod	10/100

ACCESSORIES



Catalogue number	Type	Size	Packing/ Box (pcs)
26017	Blank cover	1 mod	10/100



Catalogue number	Type	Size	Packing/ Box (pcs)
26023	Button without functional part	3 mod	10/100

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

ELMARK
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MODULE SWITCHES | ANTHRACITE



ONE BUTTON SWITCHES



Catalogue number	Type	Size	Rated current (A)	Packing/ Box (pcs)
27001	1 button 1 way switch	1 mod	16	10/100
27003	1 button 2 way switch	1 mod	16	10/100
27004	1 button cross switch	1 mod	10	10/100
27027	Push light button	1 mod	10	10/100



Catalogue number	Type	Size	Rated current (A)	Packing/ Box (pcs)
27026	1 button 2 pole switch	1 mod	16	10/100



Catalogue number	Type	Size	Rated current (A)	Packing/ Box (pcs)
27002	1 button 1 way switch with light	1 mod	16	10/100

CURTAIN CONTROL SWITCH



Catalogue number	Type	Size	Rated current (A)	Packing/ Box (pcs)
27006	Curtain switch	1 mod	6	10/60

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

DOORBELL SWITCHES



Catalogue number	Type	Size	Rated current (A)	Packing/ Box (pcs)
27005	Door bell switch	1 mod	10	10/100



Catalogue number	Type	Size	Packing/ Box (pcs)
27015	Door bell	2mod	10/100

DIMMER SWITCHES



Catalogue number	Type	Size	Packing/ Box (pcs)
27055	Dimmer 250W	1 mod	10/60



Catalogue number	Type	Size	Packing/ Box (pcs)
27053	**LED dimmer 200VA**	3 mod	10/60

BOILER SWITCHES



Catalogue number	Type	Size	Rated current (A)	Packing/ Box (pcs)
27024	Boiler switch with neon * Not included decorative triple panel.	3 mod	45A	10/60

KEY POWER SWITCH



Catalogue number	Type	Size	Rated current (A)	Packing/ Box (pcs)
27025	Key power switch	3 mod	30	10/100

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

ELMARK
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MODULE SOCKETS | ANTHRACITE





GERMAN TYPE SOCKET



Catalogue number	Type	Size	Rated current (A)	Packing/ Box (pcs)
27008	German type socket	2 mod	16	10/100

ITALIAN TYPE SOCKET



Catalogue number	Type	Size	Rated current (A)	Packing/ Box (pcs)
27020	Italian type socket	2 mod	16	10/100



Catalogue number	Type	Size	Rated current (A)	Packing/ Box (pcs)
27007	Italian standard multi socket	1 mod	16	10/100

UNIVERSAL TYPE SOCKET



Catalogue number	Type	Size	Rated current (A)	Packing/ Box (pcs)
27009	Universal socket	2 mod	13	10/100

Scan each QR code to see product price and availability.

DOUBLE PIN SOCKET



Catalogue number	Type	Size	Rated current (A)	Packing/ Box (pcs)
27007SA	Double pin socket	1 mod	16	10/100

AUDIO & NETWORKING SOCKETS



Catalogue number	Type	Size	Packing/ Box (pcs)
27021	Audio socket	1 mod	10/100



Catalogue number	Type	Size	Packing/ Box (pcs)
27016	Sound dimmer	2 mod	10/100



Catalogue number	Type	Size	Packing/ Box (pcs)
27014	2 port USB socket 90-240V / Output: 5V 2A	1 mod	10/100



Catalogue number	Type	Size	Packing/ Box (pcs)
27022	HDMI socket	1 mod	10/100



Catalogue number	Type	Size	Packing/ Box (pcs)
27013	Computer socket RJ45 CAT5E	1 mod	10/100
27013C	Computer socket RJ45 CAT6	1 mod	

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

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TELEPHONE & TV SOCKETS



Catalogue number	Type	Size	Packing/ Box (pcs)
27012	Phone socket	1 mod	10/100



Catalogue number	Type	Size	Packing/ Box (pcs)
27010	TV socket	1 mod	10/100



Catalogue number	Type	Size	Packing/ Box (pcs)
27011	Satellite socket	1 mod	10/100

ACCESSORIES



Catalogue number	Type	Size	Packing/ Box (pcs)
27017	Blank cover	1 mod	10/100



Catalogue number	Type	Size	Packing/ Box (pcs)
27023	Button without functional part	3 mod	10/100

Scan each QR code to see product price and availability.

INSTALLATION FRAMES



Catalogue number	Type	Size	Mounting	Packing/ Box (pcs)
26019	Mounting frame	1 mod/ 3 mod	Recessed	10/100



Catalogue number	Type	Size	Mounting	Packing/ Box (pcs)
26018	Mounting frame	2 mod	Recessed	10/100



Catalogue number	Type	Size	Mounting	Packing/ Box (pcs)
26054	Mounting frame	4 mod	Recessed	10/100



Catalogue number	Type	Size	Mounting	Packing/ Box (pcs)
26156	Mounting frame	6 mod	Recessed	10/100



Catalogue number	Type	Size	Mounting	Packing/ Box (pcs)
26056	Mounting frame	2x3 mod	Recessed	10/100



Catalogue number	Type	Size	Mounting	Packing/ Box (pcs)
2604	Mounting frame with cover IP65	4 mod	Surface	10/100

Scan each QR code to see product price and availability.



Catalogue number	Type	Size	Mounting	Packing/ Box (pcs)
2603	Mounting box with cover IP65	3 mod	Surface	10/100

CONSOLE BOXES FOR PLASTERBOARD

PRODUCED FOR ELMARK IN ITALY



Catalogue number	Type	Size	Mounting	Packing/ Box (pcs)
EC34003	Console for plasterboard	Triple	Recessed	10/100

PRODUCED FOR ELMARK IN ITALY



Catalogue number	Type	Size	Mounting	Packing/ Box (pcs)
EC34004	Console for plasterboard	Quadruple	Recessed	10/100

PRODUCED FOR ELMARK IN ITALY



Catalogue number	Type	Size	Mounting	Packing/ Box (pcs)
26636	Console for plasterboard	Sixfold	Recessed	10/100

CONSOLE FOR BRICK AND CONCRETE

PRODUCED FOR ELMARK IN ITALY



Catalogue number	Type	Length (mm)	Width (mm)	Depth (mm)	Packing (pcs)
24207	1-3 Module Console Box	95	70	48	10/400
24208	4 Module Console Box	118	70	48	10/240
24209	6 Module Console Box	178	70	48	10/150
24210	Console Box Spacer				20/200

Scan each QR code to see product price and availability.

DECORATIVE PANELS LECCE SERIES



WHITE PANELS

Catalogue number	Type	Size: HxL (mm)	Packing/ Box (pcs)
26100	1 gang panel	82x122	1/200
26200	2 gangs panel	82x122	1/100
26300	3 gangs panel	82x122	1/150
26400	4 gangs panel	82x147	1/100
266001	6 gangs panel	82x194	1/100
26600	3x2 gangs panel	122x122	



1 gang panel | 2 gangs panel | 3 gang panel



4 gangs panel | 6 gangs panel

3x2 gangs panel

Scan each QR code to see product price and availability.

ANTHRACITE PANELS

Catalogue number	Type	Size: HxL (mm)	Packing/ Box (pcs)
26111	1 gang panel	82x122	1/200
26211	2 gangs panel	82x122	1/100
26311	3 gangs panel	82x122	1/150
26411	4 gangs panel	82x147	1/100
26611	6 gangs panel	82x194	1/100



1 gang panel



2 gangs panel



3 gang panel



4 gangs panel



6 gangs panel

BLUE PANELS

Catalogue number	Type	Size: HxL (mm)	Packing/ Box (pcs)
26101	1 gang panel	82x122	1/200
26201	2 gangs panel	82x122	1/100
26301	3 gangs panel	82x122	1/150
26401	4 gangs panel	82x147	1/100
26601	6 gangs panel	82x194	1/100



1 gang panel



2 gangs panel



3 gang panel



4 gangs panel



6 gangs panel

Scan each QR code to see product price and availability.

GOLDEN PANELS

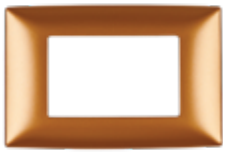
Catalogue number	Type	Size: HxL (mm)	Packing/ Box (pcs)
26103	1 gang panel	82x122	1/200
26203	2 gangs panel	82x122	1/100
26303	3 gangs panel	82x122	1/150
26403	4 gangs panel	82x147	1/100
26603	6 gangs panel	82x194	1/100



1 gang panel



2 gangs panel



3 gang panel



4 gangs panel



6 gangs panel

SILVER GREY PANELS

Catalogue number	Type	Size: HxL (mm)	Packing/ Box (pcs)
26102	1 gang panel	82x122	1/200
26202	2 gangs panel	82x122	1/100
26302	3 gangs panel	82x122	1/150
26402	4 gangs panel	82x147	1/100
266021	6 gangs panel	82x194	1/100
26602	3x2 gangs panel	122x122	



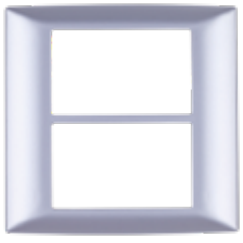
1 gang panel



2 gangs panel



3 gang panel



3x2 gangs panel



4 gangs panel



6 gangs panel

Scan each QR code to see product price and availability.

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GRAPHITE MAT PANELS

Catalogue number	Type	Size: HxL (mm)	Packing/ Box (pcs)
26104	1 gang panel	82x122	1/200
26204	2 gangs panel	82x122	1/100
26304	3 gangs panel	82x122	1/150
26404	4 gangs panel	82x147	1/100
26604	6 gangs panel	82x194	1/100



1 gang panel



2 gangs panel



3 gang panel



4 gangs panel



6 gangs panel

GRAPHITE PANELS

Catalogue number	Type	Size: HxL (mm)	Packing/ Box (pcs)
26105	1 gang panel	82x122	1/200
26205	2 gangs panel	82x122	1/100
26305	3 gangs panel	82x122	1/150
26405	4 gangs panel	82x147	1/100
266051	6 gangs panel	82x194	1/100
26605	3x2 gangs panel	122x122	



1 gang panel



2 gangs panel



3 gang panel



3x2 gangs panel



4 gangs panel



6 gangs panel

Scan each QR code to see product price and availability.

GREEN PANELS

Catalogue number	Type	Size: HxL (mm)	Packing/ Box (pcs)
26107	1 gang panel	82x122	1/200
26207	2 gangs panel	82x122	1/100
26307	3 gangs panel	82x122	1/150
26407	4 gangs panel	82x147	1/100
26607	6 gangs panel	82x194	1/100



1 gang panel | 2 gangs panel | 3 gang panel



4 gangs panel | 6 gangs panel

CHAMPAGNE PANELS

Catalogue number	Type	Size: HxL (mm)	Packing/ Box (pcs)
26106	1 gang panel	82x122	1/200
26206	2 gangs panel	82x122	1/100
26306	3 gangs panel	82x122	1/150
26406	4 gangs panel	82x147	1/100
266061	6 gangs panel	82x194	1/100
26606	3x2 gangs panel	122x122	



1 gang panel | 2 gangs panel | 3 gang panel



3x2 gangs panel | 4 gangs panel | 6 gangs panel

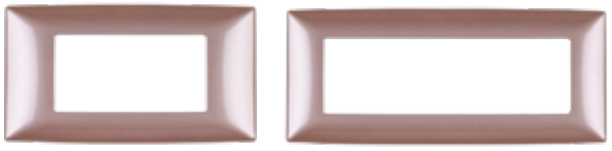
Scan each QR code to see product price and availability.

ONIX PANELS

Catalogue number	Type	Size: HxL (mm)	Packing/ Box (pcs)
26108	1 gang panel	82x122	1/200
26208	2 gangs panel	82x122	1/100
26308	3 gangs panel	82x122	1/150
26408	4 gangs panel	82x147	1/100
26608	6 gangs panel	82x194	1/100



1 gang panel | 2 gangs panel | 3 gang panel



4 gangs panel | 6 gangs panel

CHERRY-TREE PANELS

Catalogue number	Type	Size: HxL (mm)	Packing/ Box (pcs)
26109	1 gang panel	82x122	1/200
26209	2 gangs panel	82x122	1/100
26309	3 gangs panel	82x122	1/150
26409	4 gangs panel	82x147	1/100
26609	6 gangs panel	122x122	



1 gang panel | 2 gangs panel | 3 gang panel



4 gangs panel | 6 gangs panel

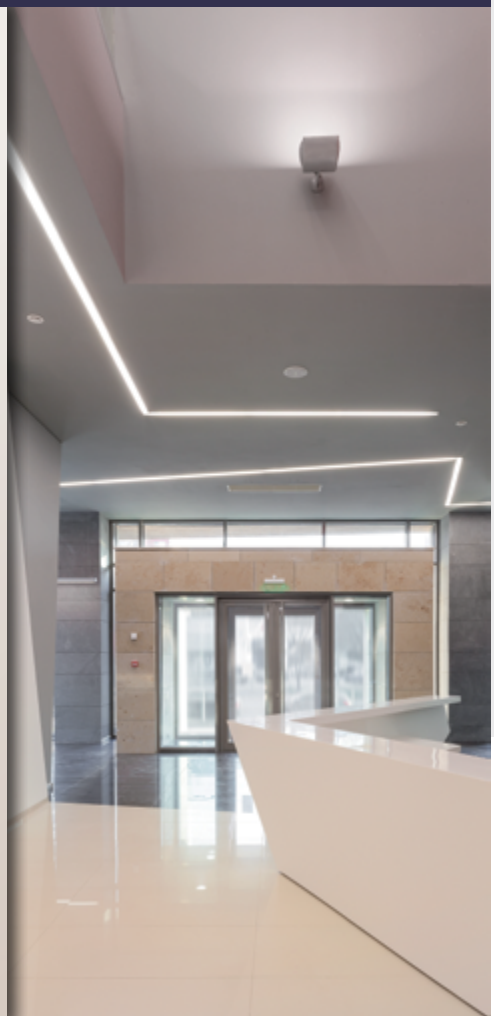
Scan each QR code to see product price and availability.

SWITCHES & SOCKETS

GERMAN AND FRENCH TYPE

RHYME SERIES





RHYME SERIES GERMAN AND FRENCH TYPE



White metallic



Champagne metallic



Grey metallic



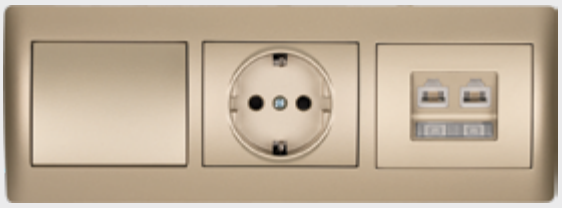
Graphite metallic



Coffee metallic



2 gangs/ White metallic



3 gangs/ Champagne metallic



5 gangs/ Grey metallic



4 gangs/ Coffee metallic



6 gangs/ Graphite metallic

SWITCHES PLUS PANEL | WHITE METALLIC







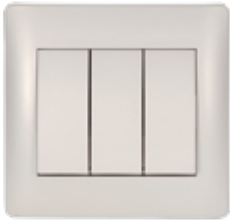
ONE BUTTON SWITCHES

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11011	1 button 1 way switch	10	10/100
11021	1 button 2 way switch	10	10/100
11341	1 button cross switch	10	10/100



TWO BUTTONS SWITCHES

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11041	2 buttons 1 way switch	10	10/100
11051	2 buttons 2 way switch	10	10/100



THREE BUTTONS SWITCH

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11721	3 buttons 1 way switch	10	10/100



DOORBELL SWITCH

Catalogue number	Type	Packing/ Box (pcs)
11181	Doorbell switch	10/100

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

5 YEARS TOTAL WARRANTY
5 standard
0 extended

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DOORBELL SWITCH WITH NAME CARD



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11181B	Doorbell switch with light name card	10	10/100

PUSH LIGHT BUTTON



Catalogue number	Type	Packing/ Box (pcs)
11181C	Type: Push light button	10/100

CURTAIN CONTROL & INTERLOCK SHUTTER SWITCH



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11171A	Curtain control switch	10	10/100

DIMMER SWITCH



Catalogue number	Type	Packing/ Box (pcs)
11191	Dimmer switch	10/100

SENSOR SWITCH



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11411	Sensor switch	10	10/60

KEY CARD POWER SWITCH



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11331	Key card power switch *Not compatible with another decorative frame.	10	10/100

Scan each QR code to see product price and availability.

SOCKETS PLUS PANEL | WHITE METALLIC





FRENCH TYPE SOCKET



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11211F	French type socket	16	10/100

GERMAN TYPE SOCKET



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11211	German screw type socket	16	10/100

GERMAN TYPE SOCKET WITH COVER



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11211C	German screw type socket with cover	16	10/100

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

GERMAN TYPE SOCKET DOUBLE



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11371	German screw type socket - double	16	10/100

NETWORKING SOCKETS



Catalogue number	Type	Packing/ Box (pcs)
11281	Computer socket RJ45 CAT5E	10/100
112816E	Computer socket RJ45 CAT6	10/100



Catalogue number	Type	Packing/ Box (pcs)
11711	Computer socket RJ45 - double	10/100

TELEPHONE & TV SOCKETS



Catalogue number	Type	Packing/ Box (pcs)
11261	Phone socket RJ11	10/100



Catalogue number	Type	Packing/ Box (pcs)
11741	Phone socket RJ11 - double	10/100

Scan each QR code to see product price and availability.



Catalogue number	Type	Packing/ Box (pcs)
11731	Phone socket RJ11 + Computer socket RJ45	10/100



Catalogue number	Type	Packing/ Box (pcs)
11251	TV socket	10/100



Catalogue number	Type	Packing/ Box (pcs)
11681	TV socket+FM socket + SAT socket *Not compatible with another decorative frame.	10/100

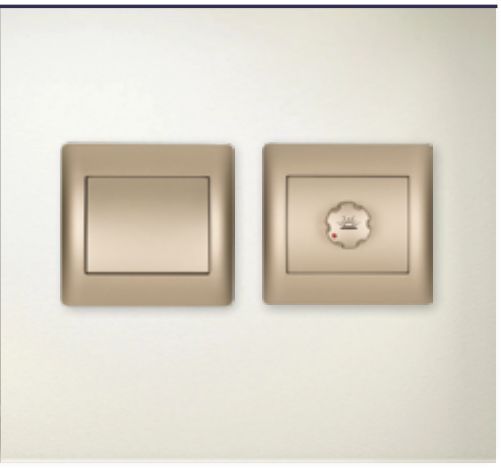
5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

SWITCHES PLUS PANEL | CHAMPAGNE METALLIC





ONE BUTTON SWITCHES



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11012	1 button 1 way switch	10	10/100
11022	1 button 2 way switch	10	10/100
11342	1 button cross switch	10	10/100

TWO BUTTONS SWITCHES



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11042	2 buttons 1 way switch	10	10/100
11052	2 buttons 2 way switch	10	10/100

THREE BUTTONS SWITCH



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11722	3 buttons 1 way switch	10	10/100

DOORBELL SWITCH



Catalogue number	Type	Packing/ Box (pcs)
11182	Doorbell switch	10/100

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

DOORBELL SWITCH WITH NAME CARD



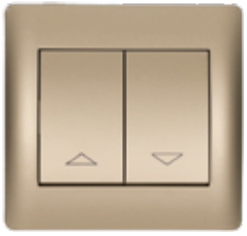
Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11182B	Doorbell switch with light name card	10	10/100

PUSH LIGHT BUTTON



Catalogue number	Type	Packing/ Box (pcs)
11182C	Type: Push light button	10/100

CURTAIN CONTROL & INTERLOCK SHUTTER SWITCH



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11172A	Curtain control switch	10	10/100

DIMMER SWITCH



Catalogue number	Type	Packing/ Box (pcs)
11192	Dimmer switch	10/100

SENSOR SWITCH



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11412	Sensor switch	10	10/60

KEY CARD POWER SWITCH



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11332	Key card power switch *Not compatible with another decorative frame.	10	10/100

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

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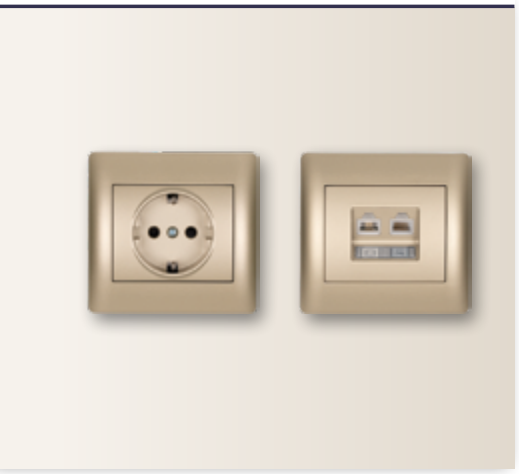
SOCKETS PLUS PANEL | CHAMPAGNE METALLIC





FRENCH TYPE SOCKET



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11212F	French type socket	16	10/100

GERMAN TYPE SOCKET



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11212	German screw type socket	16	10/100

GERMAN TYPE SOCKET WITH COVER



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11212C	German screw type socket with cover	16	10/100

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

GERMAN TYPE SOCKET DOUBLE



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11372	German screw type socket - double	16	10/100

NETWORKING SOCKETS



Catalogue number	Type	Packing/ Box (pcs)
11282	Computer socket RJ45 CAT5E	10/100
112826E	Computer socket RJ45 CAT6	10/100



Catalogue number	Type	Packing/ Box (pcs)
11712	Computer socket RJ45 - double	10/100

TELEPHONE & TV SOCKETS



Catalogue number	Type	Packing/ Box (pcs)
11262	Phone socket RJ11	10/100



Catalogue number	Type	Packing/ Box (pcs)
11742	Phone socket RJ11 - double	10/100

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended



Catalogue number	Type	Packing/ Box (pcs)
11732	Phone socket RJ11 + Computer socket RJ45	10/100



Catalogue number	Type	Packing/ Box (pcs)
11252	TV socket	10/100

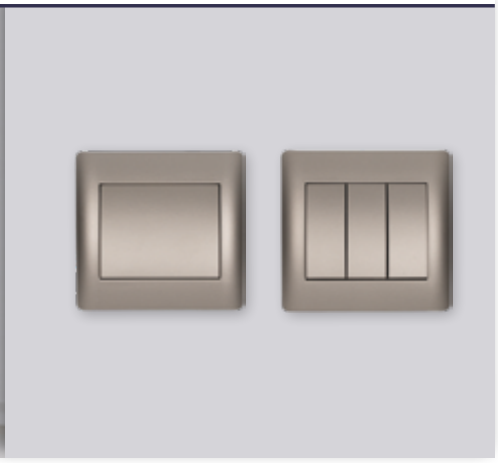


Catalogue number	Type	Packing/ Box (pcs)
11682	TV socket+FM socket + SAT socket *Not compatible with another decorative frame.	10/100

Scan each QR code to see product price and availability.

SWITCHES PLUS PANEL | GREY METALLIC







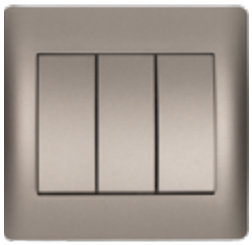
ONE BUTTON SWITCHES

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11014	1 button 1 way switch	10	10/100
11024	1 button 2 way switch	10	10/100
11344	1 button cross switch	10	10/100



TWO BUTTONS SWITCHES

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11044	2 buttons 1 way switch	10	10/100
11054	2 buttons 2 way switch	10	10/100



THREE BUTTONS SWITCH

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11724	3 buttons 1 way switch	10	10/100



DOORBELL SWITCH

Catalogue number	Type	Packing/ Box (pcs)
11184	Doorbell switch	10/100

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

5 YEARS TOTAL WARRANTY
5 standard
+ 0 extended

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DOORBELL SWITCH WITH NAME CARD

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11184B	Doorbell switch with light name card	10	10/100



PUSH LIGHT BUTTON

Catalogue number	Type	Packing/ Box (pcs)
11184C	Type: Push light button	10/100



CURTAIN CONTROL & INTERLOCK SHUTTER SWITCH

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11174A	Curtain control switch	10	10/100



DIMMER SWITCH

Catalogue number	Type	Packing/ Box (pcs)
11194	Dimmer switch	10/100



SENSOR SWITCH

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11414	Sensor switch	10	10/60



KEY CARD POWER SWITCH

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11334	Key card power switch *Not compatible with another decorative frame.	10	10/100

Scan each QR code to see product price and availability.

SOCKETS PLUS PANEL | GREY METALLIC





FRENCH TYPE SOCKET



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11214F	French type socket	16	10/100

GERMAN TYPE SOCKET



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11214	German screw type socket	16	10/100

GERMAN TYPE SOCKET WITH COVER



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11214C	German screw type socket with cover	16	10/100

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

GERMAN TYPE SOCKET DOUBLE



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11374	German screw type socket - double	16	10/100

NETWORKING SOCKETS



Catalogue number	Type	Packing/ Box (pcs)
11284	Computer socket RJ45 CAT5E	10/100
112846E	Computer socket RJ45 CAT6	10/100



Catalogue number	Type	Packing/ Box (pcs)
11714	Computer socket RJ45 - double	10/100

TELEPHONE & TV SOCKETS



Catalogue number	Type	Packing/ Box (pcs)
11264	Phone socket RJ11	10/100



Catalogue number	Type	Packing/ Box (pcs)
11744	Phone socket RJ11 - double	10/100

Scan each QR code to see product price and availability.



Catalogue number	Type	Packing/ Box (pcs)
11734	Phone socket RJ11 + Computer socket RJ45	10/100



Catalogue number	Type	Packing/ Box (pcs)
11254	TV socket	10/100



Catalogue number	Type	Packing/ Box (pcs)
11684	TV socket+FM socket + SAT socket *Not compatible with another decorative frame.	10/100

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

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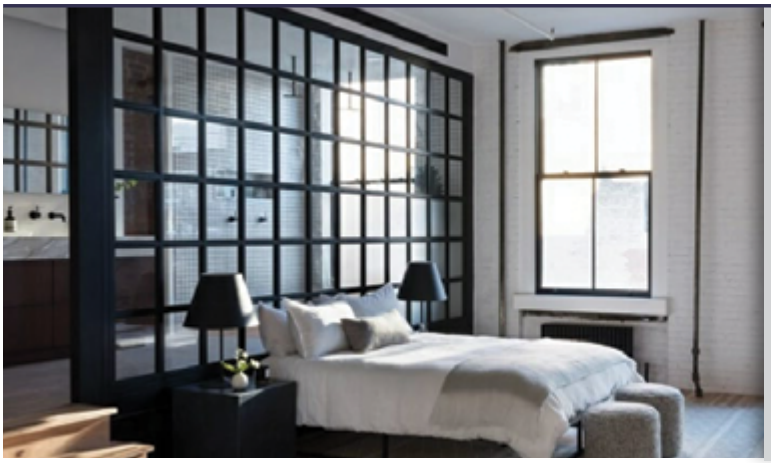
SWITCHES PLUS PANEL | GRAPHITE METALLIC





ONE BUTTON SWITCHES



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11015	1 button 1 way switch	10	10/100
11025	1 button 2 way switch	10	10/100
11345	1 button cross switch	10	10/100

TWO BUTTONS SWITCHES



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11045	2 buttons 1 way switch	10	10/100
11055	2 buttons 2 way switch	10	10/100

THREE BUTTONS SWITCH



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11725	3 buttons 1 way switch	10	10/100

DOORBELL SWITCH



Catalogue number	Type	Packing/ Box (pcs)
11185	Doorbell switch	10/100

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
5 standard + 0 extended

DOORBELL SWITCH WITH NAME CARD



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11185B	Doorbell switch with light name card	10	10/100

PUSH LIGHT BUTTON



Catalogue number	Type	Packing/ Box (pcs)
11185C	Type: Push light button	10/100

CURTAIN CONTROL & INTERLOCK SHUTTER SWITCH



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11175A	Curtain control switch	10	10/100

DIMMER SWITCH



Catalogue number	Type	Packing/ Box (pcs)
11195	Dimmer switch	10/100

SENSOR SWITCH



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11415	Sensor switch	10	10/60

KEY CARD POWER SWITCH



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11335	Key card power switch *Not compatible with another decorative frame.	10	10/100

Scan each QR code to see product price and availability.

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SOCKETS PLUS PANEL | GRAPHITE METALLIC



FRENCH TYPE SOCKET



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11215F	French type socket	16	10/100

GERMAN TYPE SOCKET



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11215	German screw type socket	16	10/100

GERMAN TYPE SOCKET WITH COVER



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11215C	German screw type socket with cover	16	10/100

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

GERMAN TYPE SOCKET DOUBLE



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11375	German screw type socket - double	16	10/100

NETWORKING SOCKETS



Catalogue number	Type	Packing/ Box (pcs)
11285	Computer socket RJ45 CAT5E	10/100
112856E	Computer socket RJ45 CAT6	10/100



Catalogue number	Type	Packing/ Box (pcs)
11715	Computer socket RJ45 - double	10/100

TELEPHONE & TV SOCKETS



Catalogue number	Type	Packing/ Box (pcs)
11265	Phone socket RJ11	10/100



Catalogue number	Type	Packing/ Box (pcs)
11745	Phone socket RJ11 - double	10/100

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.



Catalogue number	Type	Packing/ Box (pcs)
11735	Phone socket RJ11 + Computer socket RJ45	10/100



Catalogue number	Type	Packing/ Box (pcs)
11255	TV socket	10/100



Catalogue number	Type	Packing/ Box (pcs)
11685	TV socket+FM socket + SAT socket *Not compatible with another decorative frame.	10/100

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

SWITCHES PLUS PANEL | COFFEE METALLIC







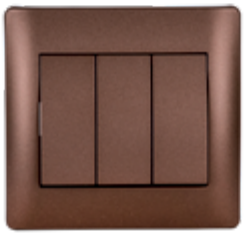
ONE BUTTON SWITCHES

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11016	1 button 1 way switch	10	10/100
11026	1 button 2 way switch	10	10/100
11346	1 button cross switch	10	10/100



TWO BUTTONS SWITCHES

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11046	2 buttons 1 way switch	10	10/100
11056	2 buttons 2 way switch	10	10/100



THREE BUTTONS SWITCH

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11726	3 buttons 1 way switch	10	10/100



DOORBELL SWITCH

Catalogue number	Type	Packing/ Box (pcs)
11186	Doorbell switch	10/100

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 5 standard 0 extended

5 YEARS TOTAL WARRANTY
5 standard
+ 0 extended

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DOORBELL SWITCH WITH NAME CARD



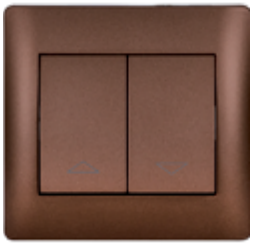
Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11186B	Doorbell switch with light name card	10	10/100

PUSH LIGHT BUTTON



Catalogue number	Type	Packing/ Box (pcs)
11186C	Type: Push light button	10/100

CURTAIN CONTROL & INTERLOCK SHUTTER SWITCH



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11176A	Curtain control switch	10	10/100

DIMMER SWITCH



Catalogue number	Type	Packing/ Box (pcs)
11196	Dimmer switch	10/100

SENSOR SWITCH



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11416	Sensor switch	10	10/60

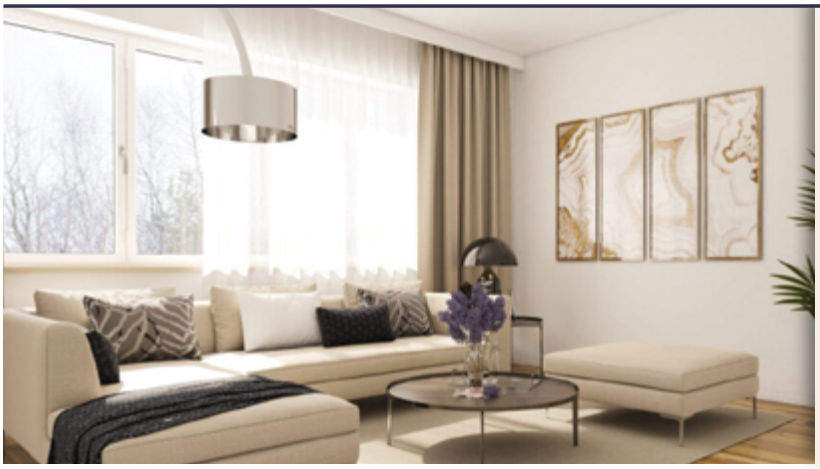
KEY CARD POWER SWITCH



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11336	Key card power switch *Not compatible with another decorative frame.	10	10/100

Scan each QR code to see product price and availability.

SOCKETS PLUS PANEL | COFFEE METALLIC





FRENCH TYPE SOCKET



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11216F	French type socket	16	10/100

GERMAN TYPE SOCKET



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11216	German screw type socket	16	10/100

GERMAN TYPE SOCKET WITH COVER



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11216C	German screw type socket IP44	16	10/100

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
5 standard
+ 0 extended

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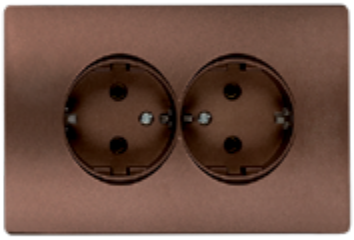
GERMAN TYPE SOCKET DOUBLE



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
11376	German screw type socket - double	16	10/100

NETWORKING SOCKETS



Catalogue number	Type	Packing/ Box (pcs)
11286	Computer socket RJ45 CAT5E	10/100
112866E	Computer socket RJ45 CAT6	10/100



Catalogue number	Type	Packing/ Box (pcs)
11716	Computer socket RJ45 - double	10/100

TELEPHONE & TV SOCKETS



Catalogue number	Type	Packing/ Box (pcs)
11266	Phone socket RJ11	10/100



Catalogue number	Type	Packing/ Box (pcs)
11746	Phone socket RJ11 - double	10/100

Scan each QR code to see product price and availability.



Catalogue number	Type	Packing/ Box (pcs)
11736	Phone socket RJ11 + Computer socket RJ45	10/100



Catalogue number	Type	Packing/ Box (pcs)
11256	TV socket	10/100



Catalogue number	Type	Packing/ Box (pcs)
11686	TV socket+FM socket + SAT socket *Not compatible with another decorative frame.	10/100

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

ELMARK
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DECORATIVE PANELS RHYME SERIES

WHITE METALLIC PANELS

Catalogue number	Type	Size: HxL (mm)	Packing/ Box (pcs)
11551	Two gangs panel	82x158	20/200
11661	Three gangs panel	85x155	20/200
11361	Four gangs panel	85x225	20/200
11601	Five gangs panel	85x298	
11621	Six gangs panel	85x367	


Two gangs panel


Three gangs panel


Five gangs panel


Four gangs panel


Six gangs panel

CHAMPAGNE METALLIC PANELS

Catalogue number	Type	Size: HxL (mm)	Packing/ Box (pcs)
11552	Two gangs panel	82x158	20/200
11662	Three gangs panel	85x155	20/200
11362	Four gangs panel	85x225	10/200
11602	Five gangs panel	85x298	
11622	Six gangs panel	85x367	


Two gangs panel


Three gangs panel


Five gangs panel


Four gangs panel


Six gangs panel

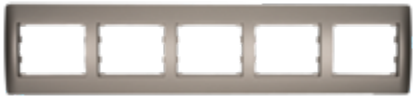
Scan each QR code to see product price and availability.

GREY METALLIC

Catalogue number	Type	Size: HxL (mm)	Packing/ Box (pcs)
11554	Two gangs panel	82x158	20/200
11664	Three gangs panel	85x155	20/200
11364	Four gangs panel	85x225	20/200
11604	Five gangs panel	85x298	
11624	Six gangs panel	85x367	


Two gangs panel


Three gangs panel


Five gangs panel


Four gangs panel


Six gangs panel

GRAPHITE METALLIC

Catalogue number	Type	Size: HxL (mm)	Packing/ Box (pcs)
11555	Two gangs panel	82x158	20/200
11665	Three gangs panel	85x155	20/200
11365	Four gangs panel	85x225	10/200
11605	Five gangs panel	85x298	
11625	Six gangs panel	85x367	


Two gangs panel


Three gangs panel


Five gangs panel


Four gangs panel


Six gangs panel

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

COFFEE METALLIC

Catalogue number	Type	Size: HxL (mm)	Packing/ Box (pcs)
11556	Two gangs panel	82x158	20/200
11666	Three gangs panel	85x155	20/200
11366	Four gangs panel	85x225	20/200
11606	Five gangs panel	85x298	
11626	Six gangs panel	85x367	



Two gangs panel | Three gangs panel | Five gangs panel



Four gangs panel | Six gangs panel





ACCESSORIES

PRODUCED FOR ELMARK IN BULGARIA

Catalogue number	Type	Colour
192215	Outlet safety cap	White
192214	Outlet safety cap	Brown





PRODUCED FOR ELMARK IN BULGARIA

Catalogue number	Type	Colour
192121/WH	Wall protector	White
192121/TR	Wall protector	Transparent

Scan each QR code to see product price and availability.

SWITCHES & SOCKETS

UK TYPE

LONDON SERIES



LONDON SERIES UK TYPE



1 button switch
White



2 buttons switch
White



3 buttons switch
White



4 buttons switch
White



Single pole switched
socket/ White



Single pole switched double
socket/ White



1 gang socket
White



2 gang socket
White



1 button switch
Anthracite



2 buttons switch
Anthracite



3 buttons switch
Anthracite



4 buttons switch
Anthracite



Single pole switched
socket with USB/ Anthracite



Single pole switched double socket
with 2xUSB/ Anthracite



1 gang socket
Anthracite



2 gang socket
Anthracite

SWITCHES PLUS PANEL | WHITE



5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

ONE BUTTON SWITCHES



Catalogue number	Type	Rated current (AX)	Material
190863/WH	1 button 1 way switch	10	Plastic PC
190864/WH	1 button 2 way switch	10	Plastic PC
190867/WH	1 button cross switch	10	Plastic PC



Catalogue number	Type	Rated current (AX)	Material
190872/WH	1 button double pole switch + neon	45	Plastic PC

TWO BUTTONS SWITCHES



Catalogue number	Type	Rated current (AX)	Material
190865/WH	**2 buttons 1 way switch**	10	Plastic PC
190866/WH	**2 buttons 2 way switch**	10	Plastic PC

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
5 standard
0 extended

ELMARK
The Brand of Electricity



THREE BUTTONS SWITCH

Catalogue number	Type	Rated current (AX)	Material
190868/WH	3 buttons 1 way switch	10	Plastic PC



FOUR BUTTONS SWITCH

Catalogue number	Type	Rated current (AX)	Material
190870/WH	4 buttons 1 way switch	10	Plastic PC



CURTAIN CONTROL SWITCH

Catalogue number	Type	Rated current (AX)	Material
190875/WH	Curtain control switch	10	Plastic PC



PUSH LIGHT BUTTON

Catalogue number	Type	Rated current (AX)	Material
190874/WH	Push light button	10	Plastic PC



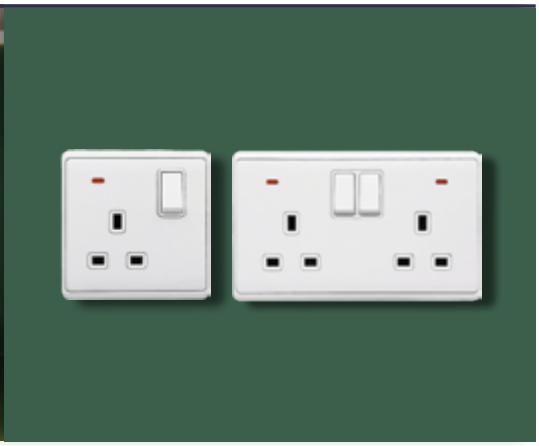
LIGHT DIMMER

Catalogue number	Type	Rated current (W)	Material
190876/WH	Light dimmer	600	Plastic PC

Scan each QR code to see product price and availability.

SOCKETS PLUS PANEL | WHITE







SWITCHED BRITISH STANDARD SOCKET WITH NEON

Catalogue number	Type	Rated current (AX)	Material
190879/WH	Single pole switched British standard socket with neon	13	Plastic PC
190886/WH	Double pole switched British standard socket with neon	13	Plastic PC



SWITCHED BRITISH STANDARD SOCKET WITH NEON AND USB

Catalogue number	Type	Rated current (AX)	Material
190880/WH	Single pole switched British standard socket with neon and USB	13	Plastic PC
190887/WH	Double pole switched British standard socket with neon and USB	13	Plastic PC



SWITCHED BRITISH STANDARD DOUBLE SOCKET WITH NEON

Catalogue number	Type	Rated current (AX)	Material
190881/WH	Single pole switched British standard double socket with neon	13	Plastic PC
190888/WH	Double pole switched British standard double socket with neon	13	Plastic PC

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended



SWITCHED BRITISH STANDARD DOUBLE SOCKET WITH NEON AND USB

Catalogue number	Type	Rated current (AX)	Material
190882/WH	Single pole switched British standard double socket with neon and USB	13	Plastic PC
190889/WH	Double pole switched British standard double socket with neon and USB	13	Plastic PC



NETWORKING SOCKETS

Catalogue number	Type	Rated current (AX)	Outlet	Material
190884/WH	Outlet with fuse and LED indicator	13	13	Plastic PC



Catalogue number	Type	Material
190883/WH	1 gang RJ45 LAN socket	Plastic PC



Catalogue number	Type	Material
190885/WH	2 gangs RJ45 LAN socket	Plastic PC

Scan each QR code to see product price and availability.

SWITCHES PLUS PANEL | ANTHRACITE





ONE BUTTON SWITCHES

Catalogue number	Type	Rated current (AX)	Material
190863/A	1 button 1 way switch	10	Plastic PC
190864/A	1 button 2 way switch	10	Plastic PC
190867/A	1 button cross switch	10	Plastic PC



Catalogue number	Type	Rated current (AX)	Material
190872/A	1 button double pole switch + neon	45	Plastic PC



TWO BUTTONS SWITCHES

Catalogue number	Type	Rated current (AX)	Material
190865/A	2 buttons 1 way switch	10	Plastic PC
190866/A	2 buttons 2 way switch	10	Plastic PC

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

ELMARK
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THREE BUTTONS SWITCH

Catalogue number	Type	Rated current (AX)	Material
190868/A	3 buttons 1 way switch	10	Plastic PC



FOUR BUTTONS SWITCH

Catalogue number	Type	Rated current (AX)	Material
190870/A	4 buttons 1 way switch	10	Plastic PC



CURTAIN CONTROL SWITCH

Catalogue number	Type	Rated current (AX)	Material
190875/A	Curtain control switch	10	Plastic PC



PUSH LIGHT BUTTON

Catalogue number	Type	Rated current (AX)	Material
190874/A	Push light button	10	Plastic PC



LIGHT DIMMER

Catalogue number	Type	Rated current (W)	Material
190876/A	Light dimmer	600	Plastic PC

Scan each QR code to see product price and availability.

SOCKETS PLUS PANEL | ANTHRACITE







SWITCHED BRITISH STANDARD SOCKET WITH NEON

Catalogue number	Type	Rated current (AX)	Material
190879/A	Single pole switched British standard socket with neon	13	Plastic PC
190886/A	Double pole switched British standard socket with neon	13	Plastic PC



SWITCHED BRITISH STANDARD SOCKET WITH NEON AND USB

Catalogue number	Type	Rated current (AX)	Material
190880/A	Single pole switched British standard socket with neon and USB	13	Plastic PC
190887/A	Double pole switched British standard socket with neon and USB	13	Plastic PC



SWITCHED BRITISH STANDARD DOUBLE SOCKET WITH NEON

Catalogue number	Type	Rated current (AX)	Material
190881/A	Single pole switched British standard double socket with neon	13	Plastic PC
190888/A	Double pole switched British standard double socket with neon	13	Plastic PC

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

SWITCHED BRITISH STANDARD DOUBLE SOCKET WITH NEON AND USB



Catalogue number	Type	Rated current (AX)	Material
190882/A	Single pole switched British standard double socket with neon and USB	13	Plastic PC
190889/A	Double pole switched British standard double socket with neon and USB	13	Plastic PC

NETWORKING SOCKETS



Catalogue number	Type	Rated current (AX)	Outlet	Material
190884/A	Outlet with fuse and LED indicator	13	13	Plastic PC



Catalogue number	Type	Material
190883/A	1 gang RJ45 LAN socket	Plastic PC



Catalogue number	Type	Material
190885/A	2 gang RJ45 LAN socket	Plastic PC

Scan each QR code to see product price and availability.

SOCKETS

GERMAN AND FRENCH TYPE

GLASS SERIES



3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended



Available colours:

ELECTRICAL SOCKETS, GERMAN TYPE WITH GLASS FRAME

TECHNICAL DATA

- Input voltage: 220-240V AC
- Rated current: 16A
- Powered by null and single live line
- Materials: Crystal glass panel, high quality flame retardant PC base
- Size: 86x86x24mm
- Colour: White; Black
- The product comes complete with a console box for installation in concrete.



Console box
Cat. number: 1927304

Catalogue number	Output power	Output current	Colour	Packing/Box (pcs)
195017CC/WH	3520W	16A	White	1/100
195017CC/BL	3520W	16A	Black	1/100



Available colours:

ELECTRICAL SOCKETS WITH USB, GERMAN TYPE WITH GLASS FRAME

TECHNICAL DATA

- Input voltage: 220-240V AC
- Rated current: 16A
- 2xUSB
- Powered by null and single live line
- Materials: Crystal glass panel, high quality flame retardant PC base
- Size: 86x86x24mm
- Colour: White; Black
- The product comes complete with a console box for installation in concrete.

Console box
Cat. number: 1927303

Catalogue number	Output power	Output current	Colour	Packing/Box (pcs)
195018CC/WH	3520W	16A	White	1/100
195018CC/BL	3520W	16A	Black	1/100



Available colours:

ELECTRICAL SOCKETS FRENCH TYPE WITH GLASS FRAME

TECHNICAL DATA

- Input voltage: 220-240V AC
- Rated current: 16A
- Powered by null and single live line
- Materials: Crystal glass panel, high quality flame retardant PC base
- Size: 86x86x24mm
- Colour: White; Black
- The product comes complete with a console box for installation in concrete.



Console box
Cat. number: 1927304

Catalogue number	Output power	Output current	Colour	Packing/Box (pcs)
195019CC/WH	3520W	16A	White	1/100
195019CC/BL	3520W	16A	Black	1/100

Scan each QR code to see product price and availability.



Available colours:

DOUBLE ELECTRICAL SOCKETS GERMAN TYPE WITH GLASS FRAME

TECHNICAL DATA

- Input voltage: 220-240V AC
- Rated current: 2x16A
- Powered by null and single live line
- Materials: Crystal glass panel, high quality flame retardant PC base
- Size: 147x86x24mm
- Colour: White; Black
- The product comes complete with a console boxes for installation in concrete.



Console boxes
Cat. number: 1927304

Catalogue number	Output power	Output current	Colour	Packing/Box (pcs)
195026CC/WH	2x3520W	2x16A	White	1/100
195026CC/BL	2x3520W	2x16A	Black	1/100



Available colours:

ELECTRICAL SOCKETS UK TYPE WITH GLASS FRAME

TECHNICAL DATA

- Input voltage: 220-240V AC
- Rated current: 13A
- Powered by null and single live line
- Materials: Crystal glass panel, high quality flame retardant PC base
- Size: 86x86x24mm
- Colour: White; Black

Catalogue number	Output power	Output current	Colour	Packing/Box (pcs)
195024/WH	2860W	13A	White	1/100
195024/BL	2860W	13A	Black	1/100



Available colours:

ELECTRICAL UNIVERSAL SOCKETS WITH USB AND GLASS FRAME

TECHNICAL DATA

- Input voltage: 220-240V AC
- Rated current: 13A
- 2xUSB
- Powered by null and single live line
- Materials: Crystal glass panel, high quality flame retardant PC base
- Size: 86x86x24mm
- Colour: White; Black

Catalogue number	Output power	Output current	Colour	Packing/Box (pcs)
195025/WH	2860W	13A	White	1/100
195025/BL	2860W	13A	Black	1/100

3 YEARS TOTAL WARRANTY
3 standard
+ 0 extended



Available colours:

DOUBLE USB SOCKETS WITH GLASS FRAME

TECHNICAL DATA

- Input voltage: 220-240V AC
- Powered by null and single live line
- Materials: Crystal glass panel, high quality flame retardant PC base
- Size: 86x86x24mm
- Colour: White; Black

Catalogue number	Colour	Packing/Box (pcs)
195028/WH	White	1/100
195028/BL	Black	1/100



Available colours:

SINGLE LAN SOCKETS WITH GLASS FRAME

TECHNICAL DATA

- Category: Cat.5
- Materials: Crystal glass panel, high quality flame retardant PC base
- Size: 86x86x24mm
- Colour: White; Black

Catalogue number	Colour	Packing/Box (pcs)
195027/WH	White	1/100
195027/BL	Black	1/100

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

Scan each QR code to see product price and availability.

SWITCHES & SOCKETS

GERMAN TYPE

ANTIQUE SERIES





PRODUCED FOR ELMARK IN BULGARIA

ELMARK
The Brand of Electricity

ANTIQUE SWITCHES & SOCKETS | WHITE



ONE BUTTON SWITCHES

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190195	1 button 1 way switch	10	10/100
190197	1 button 2 way switch	10	10/100
190204	Push light button	10	10/100



TWO BUTTON SWITCHES

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190199	2 buttons 1 way switch	10	10/100



GERMAN TYPE SOCKET WITH COVER, IP44

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190206	Socket with cover, IP44	16	10/100



GERMAN TYPE DOUBLE SOCKET

Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190202	German type socket - double	16	10/100



DISTRIBUTION BOX, IP44

Catalogue number	Type	Packing/ Box (pcs)
190208	Distribution box 400V, IP44	10/100

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

ANTIQUE SWITCHES & SOCKETS | BLACK

ONE BUTTON SWITCHES



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190196	1 button 1 way switch	10	10/100
190198	1 button 2 way switch	10	10/100
190205	Push light button	10	10/100

TWO BUTTON SWITCHES



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190201	2 buttons 1 way switch	10	10/100

GERMAN TYPE SOCKET WITH COVER, IP44



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190207	Socket with cover, IP44	16	10/100

GERMAN TYPE DOUBLE SOCKET



Catalogue number	Type	Rated current (A)	Packing/ Box (pcs)
190203	German type socket - double	16	10/100

DISTRIBUTION BOX, IP44



Catalogue number	Type	Packing/ Box (pcs)
190209	Distribution box 400V, IP44	10/100

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

WATERPROOF SWITCHES & SOCKETS

GERMAN TYPE



WATERPROOF SWITCHES IP44/ IP65



ONE BUTTON SWITCHES, IP44

Catalogue number	Type	Colour	Rated current (A)	Packing/ Box (pcs)
191011	1 button 1 way switch, IP44	White	10	10/100
191021	1 button 2 way switch, IP44	White	10	10/100
191031	1 gang intermediate switch, iP44	White	10	10/100



TWO BUTTONS SWITCHES, IP44

Catalogue number	Type	Colour	Rated current (A)	Packing/ Box (pcs)
191041	2 buttons 1 way switch, IP44	White	10	10/100



ONE BUTTON SWITCHES, IP65

Catalogue number	Type	Colour	Rated current (A)	Packing/ Box (pcs)
191111	1 button 1 way switch, IP65	Grey	10	10/100
191121	1 button 2 way switch, IP65	Grey	10	10/100
191181	1 gang push button switch, IP65	Grey	10	10/100



TWO BUTTONS SWITCHES, IP65

Catalogue number	Type	Colour	Rated current (A)	Packing/ Box (pcs)
191141	1 button 1 way switch, IP65	Grey	10	10/100

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

WATERPROOF SOCKETS IP44/ IP65

GERMAN TYPE SOCKET WITH COVER, IP44



Catalogue number	Type	Colour	Rated current (A)	Packing/ Box (pcs)
191012	German type socket, IP44	White	16	10/100

GERMAN TYPE SOCKET WITH COVER - DOUBLE, IP44



Catalogue number	Type	Colour	Rated current (A)	Packing/ Box (pcs)
191071	German type socket - double, IP44	White	16	10/100

GERMAN TYPE SOCKET WITH COVER, IP65



Catalogue number	Type	Colour	Rated current (A)	Packing/ Box (pcs)
191112	German type socket, IP65	Grey	16	10/100

GERMAN TYPE SOCKET WITH COVER - DOUBLE, IP65



Catalogue number	Type	Colour	Rated current (A)	Packing/ Box (pcs)
191171	German type socket - double, IP65	Grey	16	10/100

Scan each QR code to see product price and availability.

WATERPROOF SWITCHES & SOCKETS IP44



GERMAN TYPE SOCKET WITH COVER, IP44

Catalogue number	Type	Colour	Rated current (A)	Packing/ Box (pcs)
190213	German type socket, IP44	White	16	10/100



GERMAN TYPE SOCKET WITH COVER, IP44

Catalogue number	Type	Colour	Rated current (A)	Packing/ Box (pcs)
190215	German type socket, IP44	White	16	10/100



GERMAN TYPE SOCKET WITH COVER - DOUBLE, IP44

Catalogue number	Type	Colour	Rated current (A)	Packing/ Box (pcs)
190214	German type socket - double, IP44	White	16	10/100



ONE BUTTON SWITCH WITH GERMAN TYPE SOCKET, IP44

Catalogue number	Type	Colour	Rated current (A)	Packing/ Box (pcs)
190216	1 button 1 way switch with German type socket, IP44	White	16	10/100
190218	1 button 2 way switch with German type socket, IP44	White	16	10/100



TWO BUTTONS SWITCH WITH GERMAN TYPE SOCKET, IP44

Catalogue number	Type	Colour	Rated current (A)	Packing/ Box (pcs)
190217	2 buttons 1 way switch with German type socket, IP44	White	16	10/100

5 YEARS TOTAL WARRANTY
+ 5 standard 0 extended

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

WATER HEATER SWITCHES



5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended



BOILER SWITCH WITH NEON

Catalogue number	Type	Voltage (V AC)	Rated current (A)	Colour	Size	Packing/ Box (pcs)
26024	Boiler switch with neon * Not included decorative triple panel.	220	45	White	3 mod	1/60



BOILER SWITCHES

Catalogue number	Type	Size	Rated current (A)	Packing/ Box (pcs)
27024	Boiler switch with neon * Not included decorative triple panel.	3 mod	45A	10/60

Scan each QR code to see product price and availability.

WATER HEATER SWITCHES & HOUSE APPLIANCES SWITCHES

2 YEARS TOTAL WARRANTY
2 standard
0 extended



BOILER SWITCH FOR FLUSH MOUNTING

PRODUCED FOR ELMARK IN BULGARIA

Catalogue number	Type	Voltage (V AC)	Rated current (A)	Colour	Size LxHxW (mm)	Packing/ Box (pcs)
M030137	Boiler switch for flush mounting	220	25	White	100x100x50	1



BOILER SWITCH FOR SURFACE MOUNTING

PRODUCED FOR ELMARK IN BULGARIA

Catalogue number	Type	Voltage (V AC)	Rated current (A)	Colour	Size LxHxW (mm)	Packing/ Box (pcs)
M030164	Boiler switch for surface mounting	220	25	White	100x100x50	1

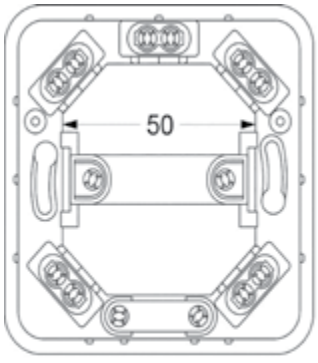


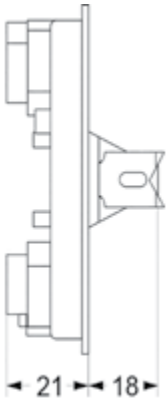
KITCHEN SOCKET FOR CONNECTION SINGLE-PHASE OR THREE-PHASE HOUSE APPLIANCES

PRODUCED FOR ELMARK IN POLAND

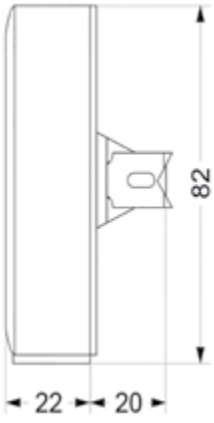
The GNK 525 kitchen socket allows you to safely connect a heating device in the kitchen, i.e. an induction or electric hob top or an oven. The socket allows you to connect single-phase and 3-phase devices up to 440V, 16A, has 5 solid 2.5 mm2 screw terminals. The advantage is the possibility of flush and surface mounting (by breaking the handle with expanding claws). The oven cord is held in place by a strong screwed holder. The cover is screwed on with two screws.

Catalogue number	Colour	Rated voltage	Rated current	Cross section	Packing/ Box (pcs)
51525EP	White	400V	16A	5x2.5mm^2	1









Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 3 standard
2 extended

ELMARK
The Brand of Electricity

MODULES EMERGENCY LED LAMP WITH WALL AND DECORATIVE WHITE FRAME



emergency light+wall frame



decorative white frame

THREE MODULES EMERGENCY LED LAMP WITH WALL AND DECORATIVE WHITE FRAME, SET

TECHNICAL DATA

- Nominal voltage: 230V/50Hz
- Power: 2 x 0,4W
- Working temperature: from 0° to 40°C
- Battery type: Ni-Mh
- Battery voltage: 3,6V
- Battery capacity: 0,080Ah
- Battery life time: 6 years about
- Mounting: on 3 modules console boxes Italian standard*

* Suitable with console boxes with cat. numbers: 24207; 24205

SET INCLUDE

- 1 x emergency light
- 1 x wall frame
- 1 x decorative white frame

PRODUCED FOR **ELMARK** IN ITALY

Catalogue number	Type	Working time	Charging time	Packing/ Box (pcs)
ECL4067S	3 modules emergency light	1h	8h	1



console box: 24207



console box: 24205



emergency light+wall frame



decorative white frame



SEVEN MODULES EMERGENCY LED LAMP WITH WALL AND DECORATIVE WHITE FRAME, SET

TECHNICAL DATA

- Nominal voltage: 230V/50Hz
- Power: 2W
- Working temperature: from 0° to 40°C
- Battery type: Li-ion
- Battery voltage: 3,7V
- Battery capacity: 1.2Ah
- Battery life time: 6 years about
- Mounting: on 6 modules console boxes Italian standard*

* Suitable with console boxes with cat. numbers: 24209; 26636

SET INCLUDE

- 1 x emergency light
- 1 x wall frame
- 1 x decorative white frame

PRODUCED FOR **ELMARK** IN ITALY

Catalogue number	Type	Working time	Charging time	Packing/ Box (pcs)
ECL4069LS	7 modules emergency light	3h	8h	1



console box: 24209



console box: 26636

Scan each QR code to see product price and availability.

SMART HOME



3 YEARS TOTAL WARRANTY
3 standard
+ 0 extended



Catalogue number:
RV1109DDR42GB

IHOST SMART HOME HUB WITH POSSIBILITY TO SECURITY CONTROL OF ALL SMART DEVICES IN THE WHOLE HOUSE

iHost Smart Home Hub is a private local server for your smart home system, It can not only realize the local connection and control of the devices and scene linkage, but also set smart security according to different scenes, and device data stays local & private.

Compatible with Wi-Fi LAN devices and Zigbee standard protocol devices.

It supports connecting and controlling LAN devices. Run the device even if the Internet is down and manage up to 128 sub-devices, work with Zigbee router devices can extend the Zigbee network range and realize the control of the whole house.

Local Data Storage and Manage stays local & private.

All data including scene logs, operation logs, security logs, etc is stored in a local database to protect your data security and each data type supports local storage of 2000 data.

Open API and Addon integration.

iHost supports open API and Docker containerization. You can install or develop more Add-on to make your smart life more convenient.



CONTROL: From Anywhere via Smart or LAN Devices

FUNCTION

- Local Control Center: The iHost Smart Home Hub serves as your local control center, elevating your home automation experience to be faster, more reliable, and more secure.
- Local Automation: iHost supports settings local security modes and smart scenes.
- Local Data Storage & Manage: iHost is dedicated to delivering a swift and seamless home automation experience. With local data storage and management, rest assured your information remains local and private, safeguarding your data security



- Strong Compatibility: Fully compatible with Zigbee standard protocol devices and Wi-Fi LAN devices. Manage up to 128 sub-devices and, with a Zigbee router, extend the Zigbee network range for whole-home control. Through the eWeLink Smart Home Add-on, you can integrate Wi-Fi devices that support LAN control.
- Support wide range of device types: Zigbee, LAN, eWeLink. Allowing you to centralize smart devices at home within iHost
- iHost can serve as a Matter hub to add and menage other brands devices that support Matter, enabling control within the iHost platform

TECHNICAL DATA

- Input voltage: 5V/ 2A
- Power supply interface type: Type-C
- Network interface type: Rj45
- Body material: ABS
- Wireless connection: WiFi IEEE 802.11 b / g / n 2.4GHz, Zigbee 3.0
- Storage: TF card max. 256GB (not included)

Scan each QR code to see product price and availability.

IHost supports connecting and controlling various devices within the same local area network (LAN) of a router, allowing the creation of different usage scenarios of them.





NIMBLE LED INDICATOR
S5050 RBG LED indicator group independently conterolled.

FUNCTION BUTTON
4 buttons with blue LED indicators for different basic functions.

BUILT-IN MICROPHONE AND SPEEKER
Various beeps for perfect human-computer interaction with the user.

Take Compatibility Capabilities to the Next Level[4]

After enabling Zigbee2CUBE, iHost will have stronger compatibility, allowing it to connect to a wider range of third-party devices such as Philips, IKEA, and others.



Matter

Matter Hub [5]

tuya sengled dyson BOSCH WYZE ZGMISMART tp-link LIFX HIFIMAN SmartThings somfy. Aqara

3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.



RF BRIDGE R2 433 SMART HUB

This RF BridgeR2 433 can convert most of the 433.92MHz RF Remotes into WiFi wireless. By adding the RF wireless Bridge to iOS/Android App eWeLink WiFi wirelessly, You can add up to 16 RM 433 RF or alarms, also add them together (max. 16 items). One 4 button remote controller can learn 4 devices, which means 64 devices supporting 433 MHz frequency can be added on the app through WiFi/2/3/4G network.
It can be used for most of the 433.92MHz RF Remote controlled products, like RF controlled switch, RF controlled socket, RF controlled bulb, RF controlled door opener, etc. You can set totally 8 schedule/countdown/loop timers to turn on/off the RF controlled products.
Even more exciting is that it will work with the 433.92MHz door magnetic sensor, 433.92MHz human body IR sensor, and more other 433.92MHz sensors to realize security alarm, and allowing you to DIY smart scenes. Note that the alarm push only comes in the owner's account, those users being shared can't view the alarm push.
The RF BridgeR2 can work with SONOFF DW2-RF wireless door/window sensor that allows users to set the smart scene for the sensor and the device to be controlled, then when you open the door, the device will be triggered on.

CONTROL: From Anywhere via Smart Device. Remote and LAN Control

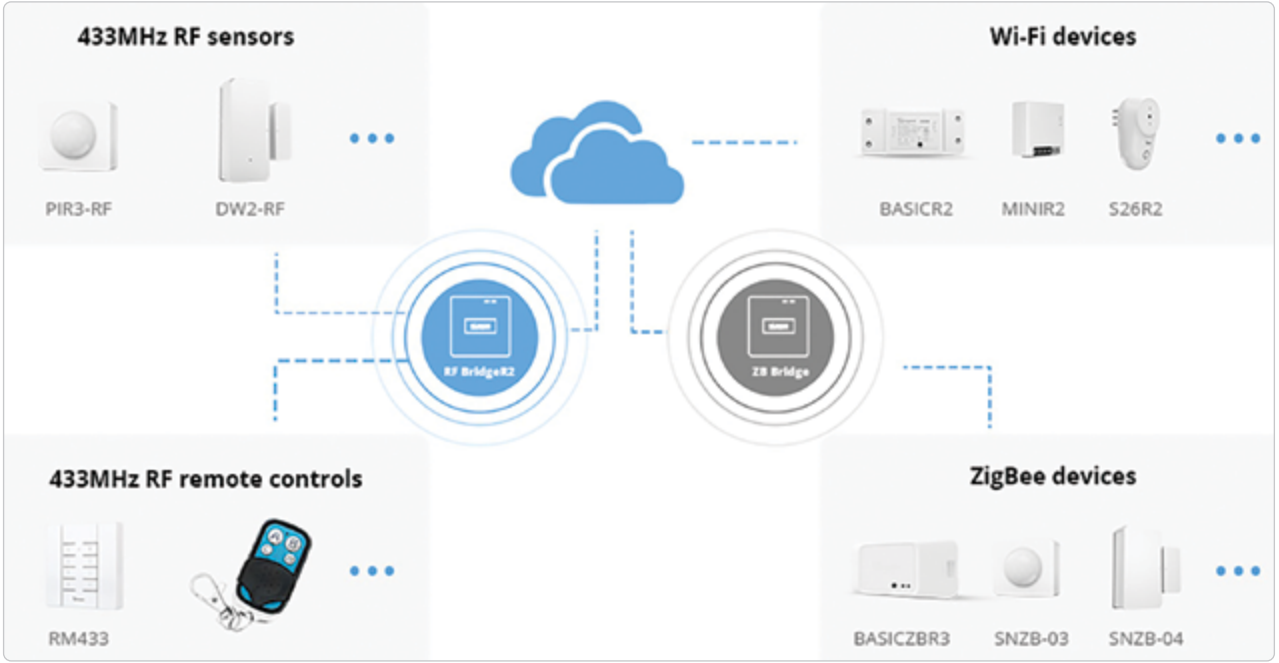
FUNCTION

- RF433MHz And Wi-Fi Protocol Supporting: Help 433MHz RF devices to communicate with WiFi devices, extend the smart home ecosystem.
- Strong Connectivity, Limitless Possibility: The bridge supports adding RF 433MHz devices up to 64 that SONOFF has released, like PIR3-RF PIR Motion Sensor and DW2-RF Wireless Door/Window Sensor, making your home smarter.
- Compatible With 433MHz Remote Controller & Easy Management: Having dozens of RF433MHz devices and troubled in control them in a mess, this RF BridgeR2 will help you get rid of it. Just migrate them to your phone. With Compatible with 433MHz remote controller for easier control. You can add up to 16 devices and up to 64 buttons.
- RF Alarm & Trigger Smart Scenes: Can add alarms to trigger the device by setting a smart scene. For example, once the door is opened (Matched with DW2 door/window sensor), you will receive a notification with your lights on automatically.



Remote Control | Voice control | Schedule Timing | RF Control | Alarm & Recording | Smart Scenes | LAN Control

Download eWeLink Application.
Full info for the products, instructions can be found at www.elmarkholding.eu



3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

Scan each QR code to see product price and availability.

TECHNICAL DATA

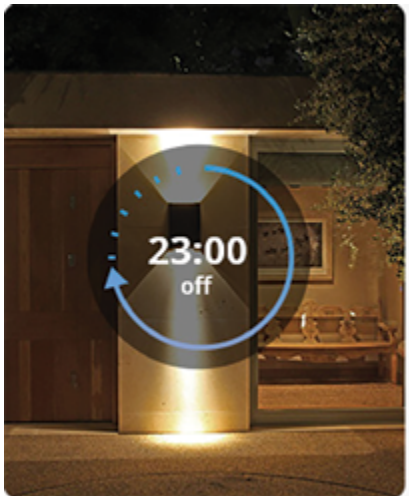
- Input voltage: 5V / 1A
- RF: 433.92 MHz
- Wireless Standard: 802.11 b/g/n 2.4 GHz
- Enclosure Material: PC V0
- Dimension (LxWxH): 62x62x20 mm

Catalogue number	Input voltage	RF	Wi-Fi	Packing/Box (pcs)
RFBRIDGER2	5V/ 1A	433.92 MHz	802.11 b/g/n 2.4 GHz	1

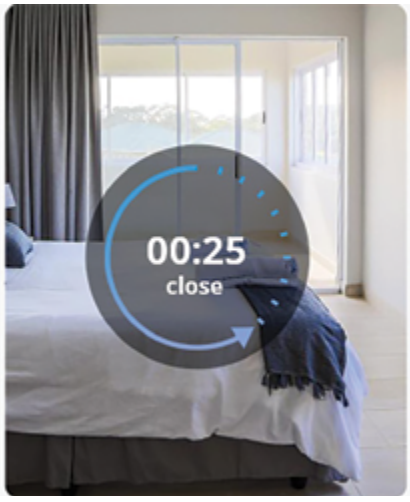
Scan and watch detailed video with all product functions.

Multiple timer ways

Specified time
Automatically turn lights at 11:00 pm every weekday.



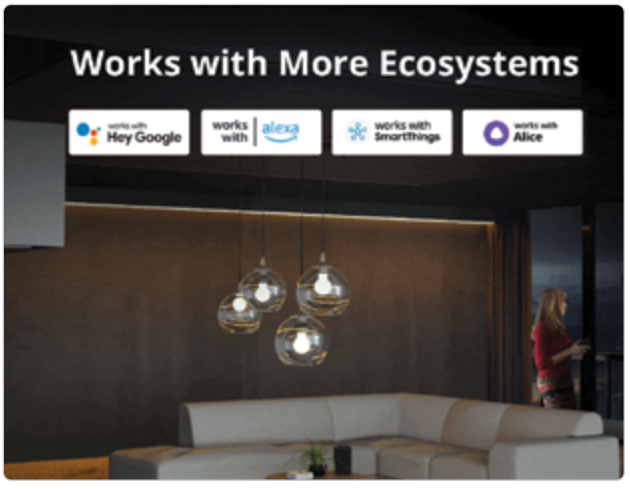
Countdown
Close the curtain after half an hour.



Loop execution
Turn on and off the heater every 10 minutes to maintain a constant temperature.







NOTE 1: The RF Bridge only supports the fixed code 433.92MHz frequency device, like PT2260, PT2262, PT2264, and EV1527, it is compatible with all Sonoff RF 433MHz products.The product doesn't support to learn rolling code and dynamic code. You can't see device status changes in the App.

NOTE 2: What's new on Android & iOS 2.5.0 and higher versions?
- Scheduled/countdown timers are supported.
- iOS App supports to add this product.
- 433MHz RF curtain switch and RF alarm are supported.

3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

LIMITED STOCK



UK type

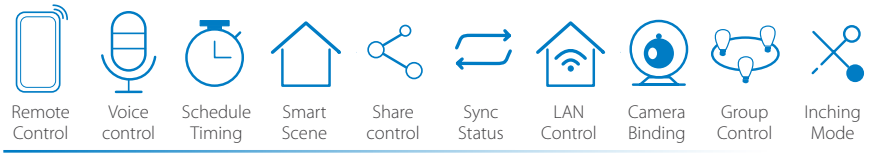
WI-FI SMART PLUG-IN SOCKET GERMAN TYPE/ UK TYPE

These smart sockets provide the simplest way to automate your devices and appliances, it is a smart Wi-Fi heavy-duty plug-in outlet that installs in any receptacle, users can instantly convert any plug into a smart outlet with a convenient timer function that works on user's smartphone. You can turn on/off any connected device either on the APP eWeLink or by pressing the manual control knob of the WiFi plug. You can set countdown/single/repeat timers to auto-turn on/off the WiFi controlled outlet on App and can share the WiFi plug with your family so that you can control together, this makes it perfect to control lighting and other home appliances. What's more, S26R2 is also compatible with most voice-activated assistants that, such as Amazon Alexa and Google Assistant.

CONTROL: From anywhere via Smart device

FUNCTION

- Remote Control From Anywhere: WiFi Plug can turn on or off your connected appliances from anywhere using eWeLink app
- Keep Your Life On Schedule: You can better control and organize your life with the scheduling benefits
- Create Smart Scenes: Set your own scenes where necessary, make your home smarter
- Group Controller: With a single touch of one button, you can manage multiple smart plugs simultaneously.
- Smart Voice Control: Works with Amazon Alexa and Google Assistant
- Heavy Duty: Equipped to handle higher loads, up to 16A. Plug-in appliances that require more amps such as, fans, heaters, slow cooker, etc.
- IFTTT function- Do even more with SONOFF Products, by connecting "eWeLink Smart Home" ON
- IFTTT App or ifttt.com, Use IFTTT to connect SONOFF products with hundreds of apps and web services. It's a whole new world of automation at your fingertips.



Download eWeLink Application. Full info for the products, instructions can be found at www.elmarkholding.eu

TECHNICAL DATA

- Input voltage: 240VAC
- Output current: 13A
- Output power: 3250W
- Wi-Fi: IEEE 802.11 b/g/n 2.4GHz
- Material: PC V0

Catalogue number	Socket Type	Input voltage	Output current	Output power	Packing/Box (pcs)
S26R2TPG-UK	UK	100-240VAC	13A	3250W	1/140

Scan and watch detailed video with all product functions.

Remote control from anywhere
Turn On or Off your connected appliances from anywhere using eWeLink app.



Keep your life on schedule
Control and organize your life with the scheduling benefits.



Create smart scenes, make your home smarter



3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.

LIMITED STOCK



WI-FI SMART PLUG-IN SOCKET UK TYPE, IP55

S55 is a handy Waterproof Smart Socket that can connect to your home Wi-Fi network and make you manage and program devices from far with your phone or voice via Amazon Alexa or Google Assistant. Adopts heavy-duty IP55 weather resistant material ensures it is rugged and safe when you use it outside. Customize schedules for devices to let them switch on/off automatically according to your needs wherever you are. Perfect for various occasions like garden, patio, open-air restaurant and more. Easy to install.

CONTROL: From anywhere via Smart device

FUNCTION

- Remote Control From Anywhere: WiFi Plug can turn on or off your connected appliances from anywhere using eWeLink app
- Smart Scene: Full of limitless possibilities. Set one device to trigger another one or activate a group of devices via a single tap.
- Voice Control: Do not want to stand up to turn off the light? Just talk to Alexa/Google Assistant to control your devices.
- Power-On Status: Power-on state can keep the status before power cut, never forget to turn off the electrical appliances. Three states, ON, OFF, Last state, are waiting for you to choose.
- IP55 Waterproof: Can still use it outdoor.
- IFTTT function- Do even more with SONOFF Products, by connecting "eWeLink Smart Home" on IFTTT App or ifttt.com, Use IFTTT to connect SONOFF products with hundreds of apps and web services. It's a whole new world of automation at your fingertips.

Specially design for outdoor use



APP Control | Voice control | Schedule Timing | IP55 Waterproof | Share control | Smart Scenes | Power-on Status | IFTTT Function

Download eWeLink Application.
Full info for the products, instructions can be found at www.elmarkholding.eu

TECHNICAL DATA

- Input voltage: 240VAC
- Output current: 13A
- Output Power: 3250W
- Wi-Fi: IEEE 802.11 b/g/n 2.4GHz
- Material: PC V0

Catalogue number	Socket Type	Input voltage	Output current	Output power	Packing/Box (pcs)
S55TPG-UK	UK	100-240VAC	13A	3250W	1/50

Scan and watch detailed video with all product functions.

Schedule the right On & Off time based on your needs | Show the real-time status of your appliances on the APP
Make one device to trigger another one or activate group of devices via a single tap





3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.



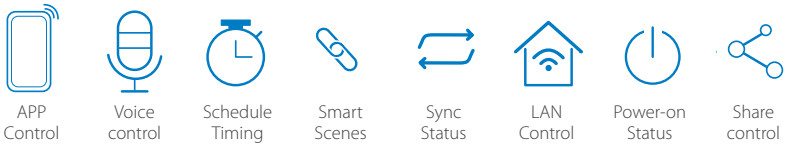
WIRELESS USB SMART ADAPTOR, MICRO

USB smart adaptor with 5V input and output - Micro that makes your USB devices smart as well as provides convenience and security when you charge USB devices. Connect your USB devices with it and you will control the connected USB devices via eWeLink APP or Alexa and Google Home. The small size as your ordinary USB power adaptor, easy for you to take it anywhere around the world to charge.

CONTROL: From anywhere via Smart device

FUNCTION

- Remote Control From Anywhere: with one tap via iOS & Android smartphones, with no distance limitation
- Voice Control: Smart WiFi USB adaptor is compatible with Amazon Alexa (Amazon Echo/Echo Dot/Amazon Tap), Google Home Assistant, SmartThings and Alice. It allows you to use your voice to control home USB devices and enjoy a hands-free experience.
- LAN Control: LAN control allows your device to be controlled from your phone even if it is disconnected from the server.
- Smart Scenes: Trigger other smart devices, make actions auto-on/-off or gather multiple devices into one group and tap to run them together. Multiple conditions, sunrise and sunset, timing, and other more smart scene waiting for you to explore.
- Timing Schedule: By presetting timers or schedules on the eWeLink App, your USB LED light strips can be automatically turned on/off at a specific time. Automate your home appliances via different timing schedules, such as USB lamps, USB fan, USB water pump, etc.



Download eWeLink Application.
Full info for the products, instructions can be found at www.elmarkholding.eu

TECHNICAL DATA

- Input: Max. 5 VDC/2.5A (USB Type A-male)
- Output: Max. 5 VDC/2.5A (USB Type A-male). Support only BC1.2 charging protocol. Max. 1A output for charging
- Wi-Fi: IEEE 802.11 b/g/n 2.4GHz
- Material: PC V0
- Dimensions LxWxH: 45x30x26 mm
- Product weight: 17g

Catalogue number	Input type	Output type	Output	Colour	Packing/Box (pcs)
MICRO	Male	Female	2.5A	White	1/400

Scan and watch detailed video with all product functions.

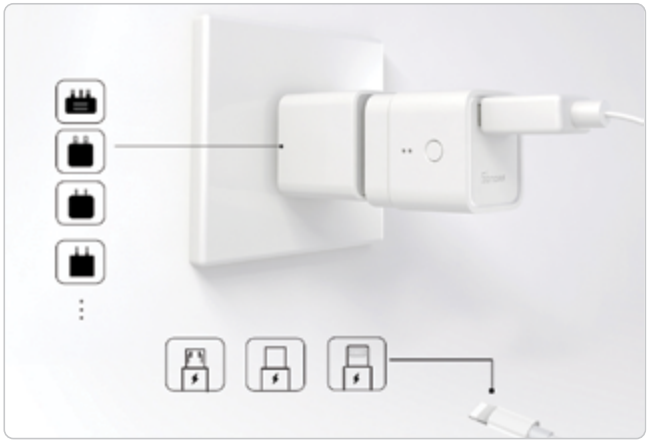
3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

Always consider your safety
High heat-resistance; Flame-retardant; Ultra-durable



Designed for "Easy to go"
Ideal for all your USB power adaptors and USB cable types



Schedule, reduce your daily tasks
Automatically lights up on the opening time and lights off on the closing time





Works with your devices

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity





No neutral wire required

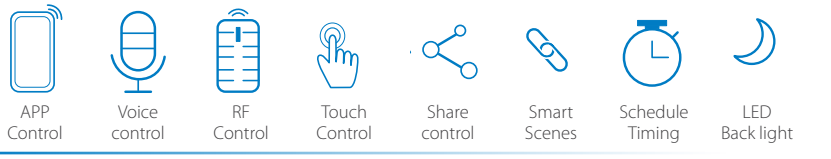
WI-FI SMART WALL TOUCH SINGLE LIVE LINE SWITCHES EU/UK TYPE

A smart Wi-Fi switch with a classic design. It is durable and reliable, while providing a smooth operation and the flexibility to control power from anywhere through your smart phone.
It can automatically recognize the connected devices and supports voice control via Amazon Alexa and Google Assistant.

CONTROL: From anywhere via Smart device or local via touching.

FUNCTION

- Remote Control & Sync Status: Just tap on eWeLink App to turn on/off your device anytime and anywhere, and get the sync status of your devices.
- Touch Control: A slight tap for easier control, a modern and elegant decoration on your wall surface.
- Timer & Schedule: Set up timing schedules to turn on/ off lights.
- Hands-Free Voice Control: Compatible with Alexa & Google Assistant, use your voice to control the devices
- Switch with light: for easy detection in the dark
- Suitable for mounting in round and in square console box.

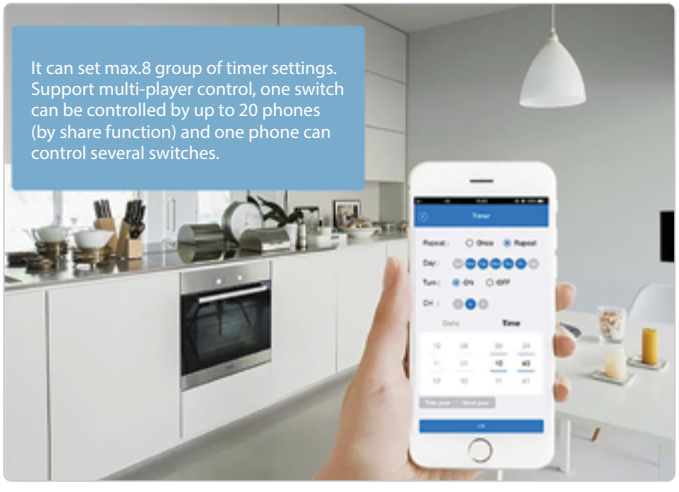


Download eWeLink Application.
Full info for the products, instructions can be found at www.elmarkholding.eu

Hands-free voice control
Compatible with Alexa and Google Home



Support timer function
Includes countdown, single and repeat timer



3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.



One gang/ White



Two gangs/ Black



Three gangs/ White

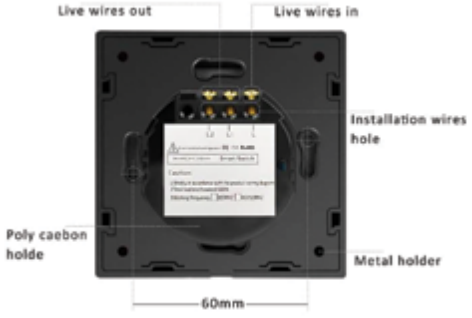
No neutral wire required

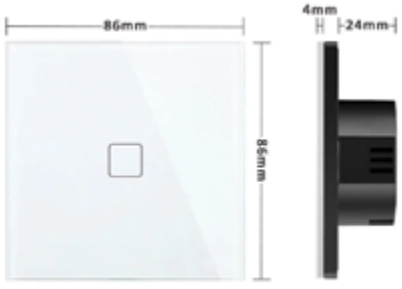
TECHNICAL DATA

- Gang: 1; 2; 3
- Ways: 1
- Application: eWelink
- Wireless Standard: IEEE 802.11 b/g/n
- Powered by a single live line
- Materials: Crystal glass panel, high quality flame retardant PC base
- Colour: White; Black
- Size: 86x86x24mm

Catalogue number	Output power	Gang	Way	Colour	Packing/Box (pcs)
195007/WH	1000W	1	1	White	1/100
195007/BL	1000W	1	1	Black	1/100
195008/WH	2000W	2	1	White	1/100
195008/BL	2000W	2	1	Black	1/100
195009/WH	2000W	3	1	White	1/100
195009/BL	2000W	3	1	Black	1/100

Scan and watch detailed video with all product functions.





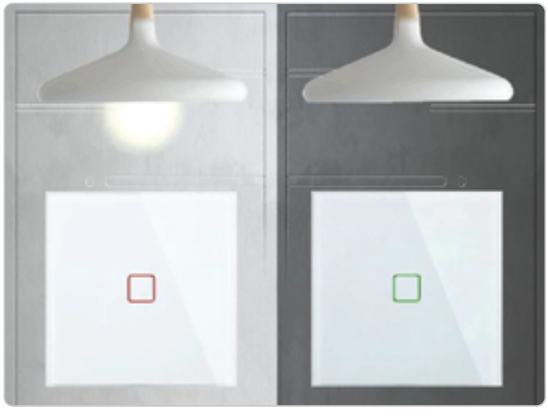
Damp proof

Works even in humid conditions



Light indicator for the state

Light-on state | Light-off state



3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity





WI-FI SMART WALL TOUCH FAN SWITCHES EU/UK TYPE

A smart Wi-Fi switch with a classic design. It is durable and reliable, while providing a smooth operation and the flexibility to control power from anywhere through your smart phone. It can automatically recognize the connected devices and supports voice control via Amazon Alexa and Google Assistant.

CONTROL: From anywhere via Smart device or local via touching.

FUNCTION

- Remote Control & Sync Status: Just tap on eWeLink App to turn on/off your device anytime and anywhere, and get the sync status of your devices.
- Touch Control: A slight tap for easier control, a modern and elegant decoration on your wall surface.
- Timer & Schedule: Set up timing schedules to turn on/ off lights.
- Hands-Free Voice Control: Compatible with Alexa & Google Assistant, use your voice to control the devices
- Switch with light: for easy detection in the dark
- Suitable for mounting in round and in square console box.

Neutral wire required

APP Control | Voice control | RF Control | Touch Control | Share control | Smart Scenes | Schedule Timing | LED Back light

Download eWeLink Application.
Full info for the products, instructions can be found at www.elmarkholding.eu

TECHNICAL DATA

- Input voltage: 110-220V AC
- Application: eWelink
- Wireless Standard: IEEE 802.11 b/g/n
- Powered by null & live line
- Materials: Crystal glass panel, high quality flame retardant PC base
- Size: 86x86x24mm

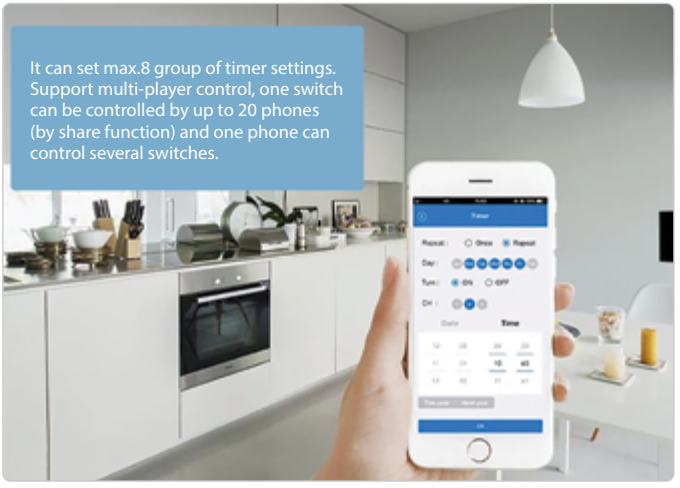
Catalogue number	Output power	Colour	Packing/ Box (pcs)
195010/WH	300W	White	1/100
195010/BL	300W	Black	1/100

Scan and watch detailed video with all product functions.

Hands-free voice control
Compatible with Alexa and Google Home



Support timer function
Includes countdown, single and repeat timer



3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

WI-FI SMART WALL TOUCH CURTAIN SWITCHES EU/UK TYPE



A smart Wi-Fi switch with a classic design. It is durable and reliable, while providing a smooth operation and the flexibility to control power from anywhere through your smart phone.
It can automatically recognize the connected devices and supports voice control via Amazon Alexa and Google Assistant.

CONTROL: From anywhere via Smart device or local via touching.

FUNCTION

- Remote Control & Sync Status: Just tap on eWeLink App to turn on/off your device anytime and anywhere, and get the sync status of your devices.
- Touch Control: A slight tap for easier control, a modern and elegant decoration on your wall surface.
- Timer & Schedule: Set up timing schedules to turn on/ off lights.
- Hands-Free Voice Control: Compatible with Alexa & Google Assistant, use your voice to control the devices
- Switch with light: for easy detection in the dark
- Suitable for mounting in round and in square console box.

APP Control | Voice control | RF Control | Touch Control | Share control | Smart Scenes | Schedule Timing | LED Back light

Neutral wire required

Download eWeLink Application.
Full info for the products, instructions can be found at www.elmarkholding.eu

Damp proof
Works even in humid conditions



TECHNICAL DATA

- Input voltage: 110-220V AC
- Application: eWelink
- Wireless Standard: IEEE 802.11 b/g/n
- Powered by null & live line
- Materials: Crystal glass panel, high quality flame retardant PC base
- Size: 86x86x24mm

Catalogue number	Output power	Colour	Packing/ Box (pcs)
195011/WH	1000W	White	1/100
195011/BL	1000W	Black	1/100

Scan and watch detailed video with all product functions.

Hands-free voice control
Compatible with Alexa and Google Home



Wi-Fi curtain switch
More simple and fashionable



3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity





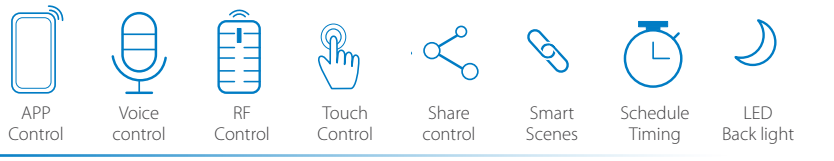
WI-FI SMART WALL TOUCH DIMMER SWITCHES EU/UK TYPE

A smart Wi-Fi switch with a classic design. It is durable and reliable, while providing a smooth operation and the flexibility to control power from anywhere through your smart phone.
It can automatically recognize the connected devices and supports voice control via Amazon Alexa and Google Assistant.

CONTROL: From anywhere via Smart device or local via touching.

FUNCTION

- Remote Control & Sync Status: Just tap on eWeLink App to turn on/off your device anytime and anywhere, and get the sync status of your devices.
- Touch Control: A slight tap for easier control, a modern and elegant decoration on your wall surface.
- Timer & Schedule: Set up timing schedules to turn on/ off lights.
- Hands-Free Voice Control: Compatible with Alexa & Google Assistant, use your voice to control the devices
- Switch with light: for easy detection in the dark
- Suitable for mounting in round and in square console box.



Neutral wire required

Damp proof
Works even in humid conditions



Download eWeLink Application.
Full info for the products, instructions can be found at www.elmarkholding.eu

TECHNICAL DATA

- Input voltage: 110-220V AC
- Application: eWelink
- Wireless Standard: IEEE 802.11 b/g/n
- Powered by null & live line
- Materials: Crystal glass panel, high quality flame retardant PC base
- Size: 86x86x24mm

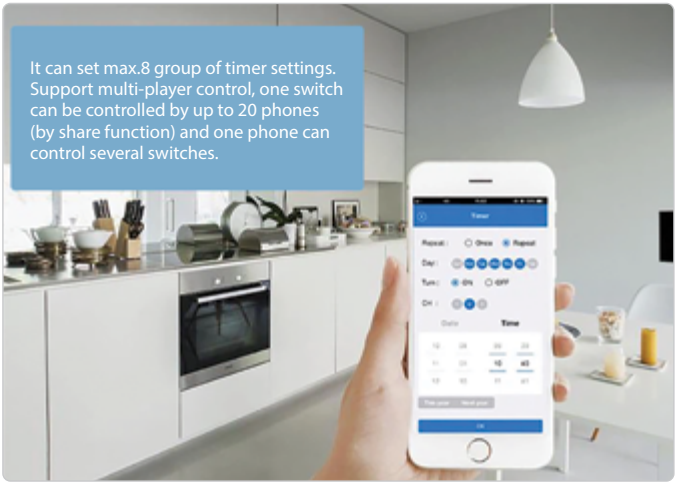
Catalogue number	Output power	Colour	Packing/ Box (pcs)
195012/WH	500W	White	1/100
195012/BL	500W	Black	1/100

Scan and watch detailed video with all product functions.

Hands-free voice control
Compatible with Alexa and Google Home



Support timer function
Includes countdown, single and repeat timer



3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

Scan each QR code to see product price and availability.





RF433 WALL TOUCH DIMMER SINGLE LIVE LINE SWITCHES EU/UK TYPE

Remote Dimmer Switch can be controlled by remote controller. This makes it easier to use and allows you to remotely control the lighting from all corners of the room.

CONTROL: Local with remote control or via touching

TECHNICAL DATA

- Gang: 1; 2; 3
- Ways: 1
- Receiving frequency: 433MHz
- Powered by single live line
- Materials: Crystal glass panel, high quality flame retardant PC base
- Size: 86x86x24mm
- Colour: White; Black
- Remote control: Not included

No neutral wire required

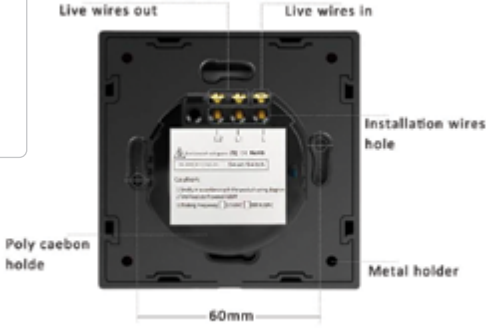
Catalogue number	Output power	Gang	Way	Colour	Packing/ Box (pcs)
195013/WH	500W	1	1	White	1/100
195013/BL	500W	1	1	Black	1/100
195014/WH	500W	2	1	White	1/100
195014/BL	500W	2	1	Black	1/100
195015/WH	500W	3	1	White	1/100
195015/BL	500W	3	1	Black	1/100

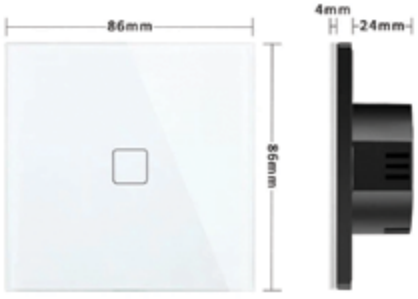
REMOTE CONTROL FOR RF433 WALL TOUCH DIMMER SWITCHES

Cat. Number
195016



Scan and watch detailed video with all product functions.





** No neutral wire required*

Light indicator for the state
Light-on state | Light-off state



Damp proof
Works even in humid conditions



3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

LIMITED STOCK





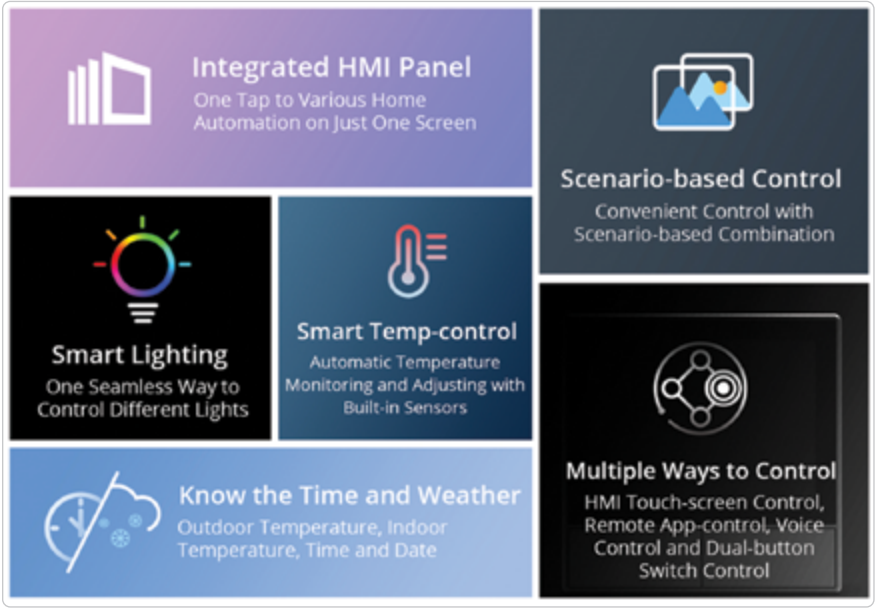
SMART WIFI PANEL EU STANDARD

Do you need one device to centrally control multiple electrical appliances in your home, from lights, heaters, coolers, curtains, doors, and windows? NSPanel can control all of these devices, offering an integrated HMI panel for home automation that is super convenient, all you need to do is -- one tap.
NSPanel Smart Scene Wall Switch is equipped with a built-in powerful thermostat and environmental sensors. You can set different indoor temperatures for different periods of time, and NSPanel will automatically trigger the heating or cooling equipment according to your setting conditions to keep the room at a comfortable temperature. What's more, NSPanel has a Scenario-based control function, you can set different modes for wake up, work, entertainment, and sleep, and can switch modes at any time.
Such a powerful panel, how to control it? There are three ways can control NSPanel Smart Scene Wall Switch: use the dual-channel switches or touchscreen at a close distance, use the APP to control when you are at a long distance.
NSPanel is compatible with various devices of SONOFF, such as smart led bulbs, LED Filament Bulb, LED light strips, S26/S31 plugs, TX, MINIR2, POWR3!

CONTROL: From anywhere via Smart device

FUNCTION

- All in One Control Center: NSPanel can help you achieve the use of specific scene modes in different scenes with one tap. In addition to the scenario-based control, it is compatible with almost all sonoff devices and the central control function of the control group.
- Integrated HMI Panel: NSPanel centrally integrates HMI control, smart temperature control, and smart wall switch, turning your home into a convenient and smart place.
- Home Automation Thermostat: With a built-in powerful thermostat, you can set different indoor temperatures for different periods of time, and NSPanel will automatically trigger the heating or cooling equipment according to your setting conditions to keep the room at a comfortable temperature.
- Multiple Ways to Control: You can use the dual-channel switches, touchscreen, and eWeLink App to control SONOFF NSPanel; Besides, SONOFF NSPanel supports Alexa, Alice, Google Assistant, and even Siri Shortcuts, you can control your home appliances with simple voice control.
- Know the Time & Weather: With built-in sensors and WiFi connection, NSPanel smart scene wall switch can real-time updates weather, indoor temperature, outdoor temperature, time, and date.



Download eWeLink Application.
Full info for the products, instructions can be found at www.elmarkholding.eu

3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.

TECHNICAL DATA

- Input voltage: 100-240VAC 50/60Hz
- Output power: 2x2A (4AMax.)
- Gang: 2
- LED load: 2x300W (Max.600W)
- TFT Screen: 3.5 Capacitive Touch Panel
- Wireless Standard: 802.11 b/g/n
- Bluetooth Standard: 4.2 BLE
- Enclosure Material: PC V0 + CRS + Glass
- Dimension (LxWxH): 86x86x41.7 mm

Catalogue number	Input voltage	Resistive current	Resistive load	Colour	Packing/Box (pcs)
NSPANEL-EU	100-240V AC	2x2A	2x300W	Black	1/100

Scan and watch detailed video with all product functions.

Customize and preset the temperature you prefer

NSPanel triggers the heating or cooling appliances automatically to keep the indoor temperature of your home at a certain point according to your schedule and settings.



Instant access to scene-customization

NSPanel allows you to preset specific conditions for different selected scenes so that you can trigger them at any time



Multiple interactive ways of control



Close distance

A convenient combination of HMI smart touch panel and dual-channel wall switch.
Suitable for close-distance control over brightness, room temperature and more.

Middle distance

Super intelligent and sensitive voice control for home automation via Alexa, Google Assistant or Alice.

Long distance

Smart control your home via eWeLink App with its multinnational features even at outdoors

3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.

3 YEARS TOTAL WARRANTY
3 standard
0 extended

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The Brand of Electricity



SMART WIFI PRO PANEL EU STANDARD

NSPanel Pro is a smart home control panel. Your smart lights, switches, heaters, coollers, curtains, and all your smart devices can be controlled. An unlimited number of control devices, all in one panel.
NSPanel Pro can quickly add Zigbee devices on the screen in batches. Standard Zigbee 3.0 protocol makes the connection more stable and the coverage wider. Support all SONOFF Zigbee devices such as Zigbee Sensors, ZBMINI, and BASICZBR3.
NSPanel Pro can be used as a display, supports adding four types of cameras for live monitoring. Viewing the real-time monitoring of living room, garage, bedroom, etc on the panel at any time. Power Consumption Graph, Customize Wallpaper, and Call Intercom.

Hub — Build-in Zigbee Hub
Smart Home Control
Alarm Clock Settings
Smart Scenes
View Camera Live
Home Security
Arm/ Disarm
Wallpaper Theme Switching

CONTROL: Local or from Anywhere via Smart Device

FUNCTION

- Multi-protocol Gateway: Support Wi-Fi, Zigbee, eWeLink app, Matter and Bluetooth
- All in one panel: Unlimited numbers of control devices like smart lights, smart cameras, sensors and switches. Support smart scenes, thermostats, power consumption statistics, group control and etc.
- Local control: Zigbee devices support local control and smart scenes. No longer relying on WI-FI to control.
- Customize your home security mode: 3 modes by setting different arming devices. Easy arm and disarm.
- Go out with easy: One click to enable Away Mode- turn off all appliances and turn ON alarm.
- Sleep mode: automatically turn OFF lights and close curtains, leaving a small night light to accompany you until morning.
- Use as doorbell: Panel and wireless button can act as the doorbell.
- Remote talk by camera: Used with a smart camera, when someone comes to visit, you can check the situation and speak with visitor via two way intercom.
- Smart temperature control: Choose the temperature source and execution devices to form your own thermostat.
- Check power consumption at any time: Smart panel help you live an eco friendly life.
- Call intercom: Support phone to panel and between panels calls
- Music rhythm console: The lights in the room change colours with the music rhythm and various modes are available.
- Weekly weather know in advance
- Upload your own wallpaper
- Use as alarm clock

Check power consumption at any time



Weekly weather know in advance



Not only Smart Panel, but Zigbee Hub

Quickly add Zigbee devices on the screen in batches



Scan each QR code to see product price and availability.

TECHNICAL DATA

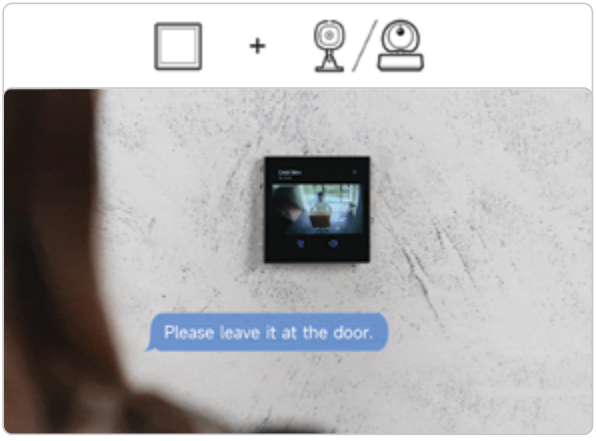
- TECHNICAL DATA:
- Input voltage: 100-240VAC 50/60Hz
- Max. power consumption: 5W (150mA)
- Wireless Standard: 802.11 b/g/n
- Zigbee: IEEE 802.15.4 (Zigbee 3.0)
- TFT Screen: 3.95 Capacitive Touch Panel
- Screen resolution: 480x480
- MCU: PX30
- CPU: 4-cores Cortex-A35
- GPU: Mali-G31GPU
- RAM: 2GB, DDR3
- ROM: 8GB, eMMC 5.1
- Enclosure Material: PC V0 + CRS + Glass
- Colour: Dark grey
- Dimension (LxWxH): 86x86x39.5 mm

Catalogue number	Input voltage	Screen resolution	Colour	Packing/ Box (pcs)
NSPANEL86PB	100-240VAC	480x480	Dark grey	1/100

Scan and watch detailed video with all product functions.

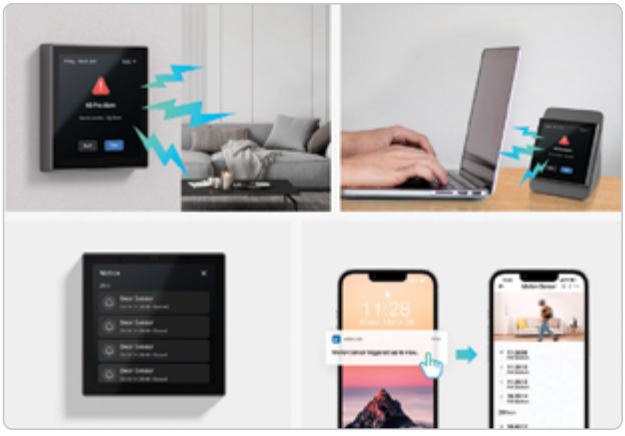
Remote talk by camera

Used with a smart camera, when someone comes to visit, check the situation through the camera first to confirm safety. It also supports two-way talk to make communication easier.



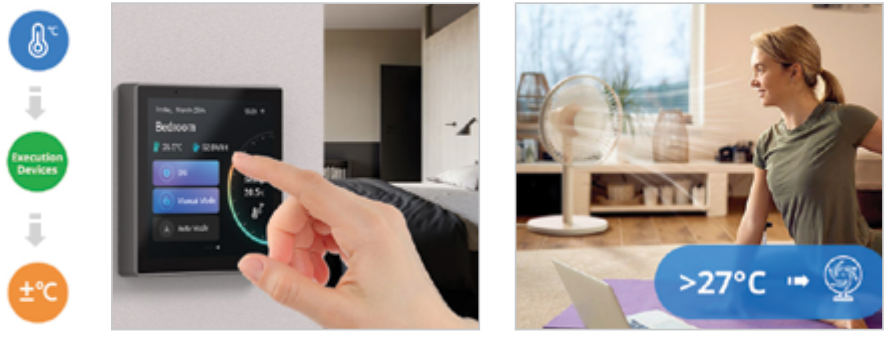
Security Alert

After arming, once the sensor is triggered, the panel will alarm and you will receive a notification alert on your phone.



Smart temperature control

Choose the temperature sourse and execution devices to form your own thermostat.



Manual mode

Auto mode

3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.

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LIMITED STOCK



MINI WIFI SMART SWITCH, MINI R3

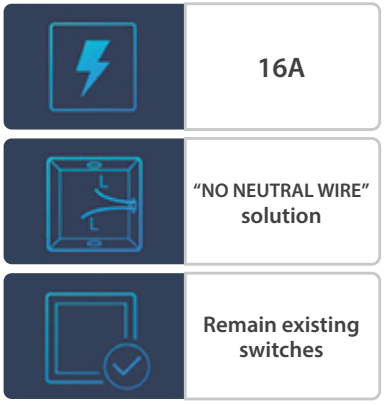
MINI R3 is a small body with powerful functions, the maximum load current can be up to 16A that making it a powerful solution to smarten your appliances. MINI R3 is compatible with Alexa, Google Assistant, Siri shortcut, and Alice. Just say your needs out, the smart device can do what you want to do. With the sync status on eWeLink App, your worry about leaving the appliances on at home is no longer a concern. Just pull out your phone and tap on it.
MINI R3 have been tested for safety and comply with the requirement of international regulations, as TÜV certified and FCC&CE certification ensures high trust, quality, and safety.

CONTROL: From anywhere via Smart device

FUNCTION

- Max. 16A Load Current: The maximum load current of MINI R3 can be up to 16A that making it a powerful solution to smarten your appliances.
- Open Device REST API: Connect and control the MINI R3 with your existing home automation system like Home Assistant via LAN.
- "eWeLink-Remote" Control: MINI R3 is a smart switch with the gateway function of "eWeLink-Remote". If you want to use the "eWeLink-Remote" control function, you need to use it with the S-MATE or scene switch R5.
- No Neutral Wire Required Solution: If your switch box does not have a neutral wire, a collocation of MINI R3 and S-MATE can be installed and used.
- Safe And Reliable: TÜV, CE, and FCC certifications ensure a safer and more reliable product.

Smart switch solution for switch box with NO neutral wire



Control Anywhere | Voice control | Schedule Timing | LAN Control | Inching Mode | Group Control | DIY Mode | Small & Compact

Download eWeLink Application.
Full info for the products, instructions can be found at www.elmarkholding.eu

TECHNICAL DATA

- Input voltage: 100-240V AC, 50/60Hz
- Output current: Max 16A
- Max. Power: 3500W(16A)
- Wireless Standard: 802.11 b/g/n
- Security Mechanism: WPA-PSK/WPA2-PSK
- Enclosure Material: PC V0
- Dimension (LxWxH): 54x54x24 mm

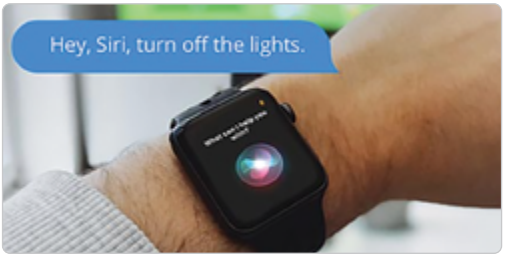
Catalogue number	Input voltage	Resistive current	Resistive load	Colour	Packing/Box (pcs)
MINIR3	100-250V AC	16A	3500W	White	1/800

Scan and watch detailed video with all product functions.

Control your devices no matter where you are via eWeLink APP



Siri voice control is a shortcut of Siri in eWeLink APP



Use your voice!
No need to stand up to switch off the lights.



Set a smart scene and make your life even smarter



3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.



S-MATE SWITCH

S-MATE can connect the ordinary 1/2/3-button wall switch which acts as a remote controller. After pairing with MINI R3, MINI R3 can be controlled locally by S-MATE through the "eWeLink-Remote" signal, and trigger other smart devices in the smart scene. 1 MINIR3 can connect more S-MATE, and 1 S-MATE can be added to 3 MINIR3.
S-MATE is battery-powered, so it does not require a neutral wire in the mounting box. S-MATE is fit for almost any switch type, such as pulse switch, rocker switch, and change your existing switch into a smart one.
SONOFF S-MATE is the module that can transmit the "eWeLink-Remote" signal, we also named it "eWeLink-Remote sub-devices". MINI R3 is the device with "eWeLink-Remote" received, we name it "eWeLink-Remote gateway". Once S-MATE was added to any eWeLink-Remote gateway (such as MINI R3, M5, B05-BL), can not only control all products with eWeLink-Remote gateway when there is no network connection locally but also controls any other SONOFF smart device in the smart scene when there is a network connection. It is "eWeLink-Remote" Control.

One S-MATE with more MINI R3 creates more possibilities



CONTROL: Control built-in "eWeLink-Remote gateway" devices when no Internet is available, and it can trigger other smart devices in the smart scene when there is a network connection.

FUNCTION

- "eWeLink-Remote" Control: Use it with the MINI R3 or other smart switch with the gateway function of "eWeLink-Remote", it can achieve "eWeLink-Remote" control.
- Compatible With Switch Types: S-MATE is fit for almost any switch type, like, pulse switch, rocker switch, change your existing switch into a smart one.
- Switch Mate: Works with MINI R3 smart switch, M5 smart wall switch, B05-BL LED Bulb and S40/ S40 LITE smart plug.

Download eWeLink Application.
Full info for the products, instructions can be found at www.elmarkholding.eu

TECHNICAL DATA

- Input voltage: 100-240V AC, 50/60Hz
- Output current: Max 16A
- Power supply: 3V button cell x 1
- Battery type: CR2032
- Enclosure Material: PC V0
- Dimension (LxWxH): 51x44.5x24 mm

Catalogue number	Input voltage	Output current	Output power	Colour	Packing/Box (pcs)
S-MATE	100-240V AC	16A	3500W	White	1/100

3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan and watch detailed video with all product functions.

MINI R3 & S-MATE

S-MATE can connect the ordinary 1/2/3-button wall switch which acts as a remote controller. It is battery-powered, so it doesn't require a neutral wire in the mounting box.



S-MATE switch mate

Make your existing ordinary wall switch be a smart scene switch to control smart devises.



Scan each QR code to see product price and availability.

3 YEARS TOTAL WARRANTY
3 standard
0 extended

ELMARK
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Cable-less connection



Easy mounting
Pasted with 3M adhesive or easily use by Magnetic attraction



6-key free-wiring scene remote controller
Can be added to eWeLink gateway to control all devices in eWeLink APP using three trigger ways in Scene



R5 SCENE CONTROLLER

When you have too many smart devices, and they are distributed in different rooms but don't want to control them through your phone? You need an R5 scene remote controller at this time, R5 can be added to the eWeLink-Remote gateway to control all devices in the eWeLink APP using three trigger ways in the scene.
SONOFF R5 is the module that can transmit the "eWeLink-Remote" signal, we also named it "eWeLink-Remote sub-devices". R5 scene remote controller can be added to the smart devices featuring the "eWeLink-Remote" gateway, like M5 smart wall switch, MNINI R3 smart switch and B05-BL smart LED bulb, can not only control all products with eWeLink-Remote gateway when there is no network connection locally but also controls any other SONOFF smart device in the smart scene when there is a network connection. It is "eWeLink-Remote" Control.
Use R5 with SONOFF M5 Switchman Smart Wall Switch, the same light can be controlled on both sides of the room even when M5 is offline. Never worry and spend time on two-way or multi-way control wiring. You can stick R5 on the wall as a switch, or take it off as a remote controller. One eWeLink-Remote gateway can add up to 8 R5 scene remote controllers!

FUNCTION

- Scene Control: All SONOFF devices can be controlled by setting the smart scenes when the internet connection is available.
- "eWeLink-Remote" Control: Control the device which has the eWeLink-Remote gateway feature even offline, 90M remote control without Network.
- Multi Trigger Ways: Trigger the smart scene by clicking, double click, or long-press. Up to 18 trigger actions to set different scenes
- Two-way or Multi-way Control: Simple way to achieve two-way or multi-way control by eWeLink-Remote with M5 smart wall switch.
- Free-wiring Stick-on: Pasted with 3M adhesive or easily use by Magnetic attraction.

Note : SONOFF M5 smart switch and S40/S40 LITE smart plus are "eWeLink-Remote gateway, which can be used with R5 remote controller to realize two-way or multi-ways control without wiring even M5/MINIR3/B02-BL/B05-BL/S40/S40 LITE is off-line.

TECHNICAL DATA

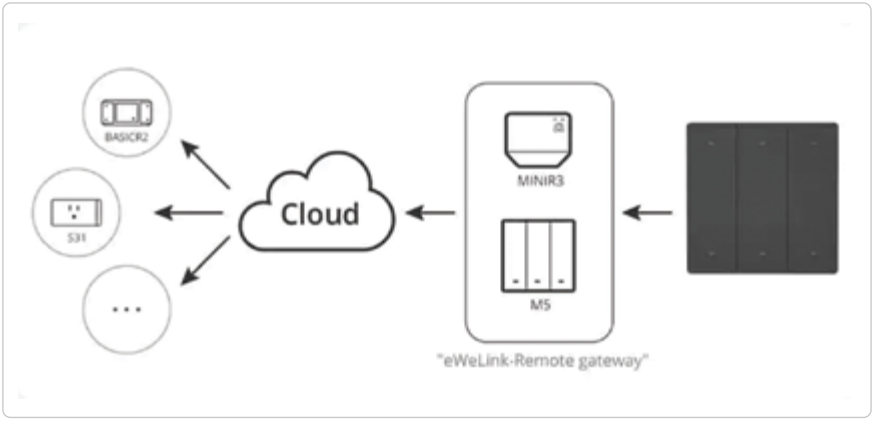
- Power supply: 3V button cell x 2 pcs
- Battery type: CR2032
- Colour: Dark grey
- Button QTY: 6
- Enclosure Material: PC V0
- Dimension (LxWxH): 86x86x13.5 mm

Download eWeLink Application.
Full info for the products, instructions can be found at www.elmarkholding.eu

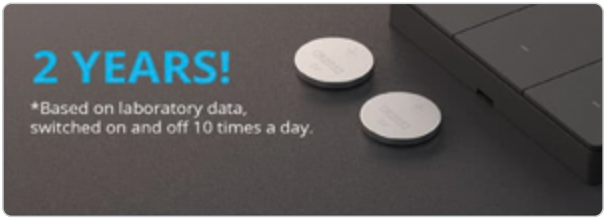
Catalogue number	Power supply	Battery type	Colour	Packing/ box (pcs)
R5	5V	CR2032	Dark grey	1/100

Scan and watch detailed video with all product functions.

Local control by eWeLink-Remote



Long battery life & Wireless stick-on



Scan each QR code to see product price and availability.

TWO CHANNEL WI-FI SMART SWITCH



Two channel smart switch, remotely controllable via Internet and smartphone, Wi-Fiequipped, with timer function, 2x2200W (2x10A) peak output.

CONTROL: From anywhere via Smart device

FUNCTION

- Safe And Reliable: ETL, CE, FCC, and RoHS certifications ensure a safer and more reliable product.
- Voice Control: Compatible with Amazon Alexa, Google Assistant, SmartThings, and Alice. Just speak out your command, the smart device can do on/off as you say.
- Easily DIY Your Smart Home Appliances: Connect directly to the middle of the power supply and the appliance to quickly make your ordinary appliances smart without buying a new smart one.
- Smart Scenes: Trigger other smart devices, make actions auto-on/-off. The appliances understand you, and your life becomes simpler.
- Fully Functional: By presetting timers or schedules on the eWeLink App, your USB LED light strips can be automatically turned on/off at a specific time. Automate your home appliances via different timing schedules, such as USB lamps, USB fan, USB water pump, etc

Arrange working time for devices



APP Control · Voice control · Schedule Timing · Smart Scenes · Sync Status · LAN Control · Power-on Status · Share control

Download eWeLink Application.
Full info for the products, instructions can be found at www.elmarkholding.eu

TECHNICAL DATA

- Input: 100-240V AC 50/60Hz
- Output: 100-240V AC 50/60Hz
- Max.Load: 2x10A/2x2200W
- Gang: 2
- Wi-Fi: IEEE 802.11 b/g/n 2.4GHz
- Material: PC V0
- Dimensions LxWxH: 90x41x27 mm
- Product weight: 59g

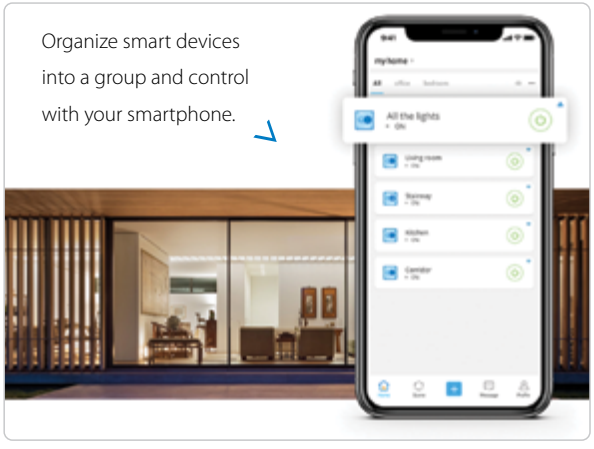
Catalogue number	Input voltage	Output current	Output power	Colour	Packing/Box (pcs)
195004	90-250V AC	2x10A	2x2200W	White	1/800

Scan and watch detailed video with all product functions.

Makes home appliances smart, ready to control your home from afar



Manage a group of divices with a tap



3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.

LIMITED STOCK



WI-FI DIY SMART RF CONTROL SWITCH

This is a WiFi Smart Switch with the DIY capability that makes it possible to control connected devices via the eWeLink directly from your phone, or ask it to turn on/off devices with Amazon Alexa and Google Assistant. Amazingly, it has a DIY mode that is the firmware can be user-defined. Built-in a web server that exposes the REST AP, which allows you to connect the switch with your existing home automation system. Compatible with HomeSeer, Home Assistant, etc, for the protocol document and the code for the DIY Mode tool.
RFR3 provides you extra control helper - the matched RM 433 remote controller. Just choose the control way you preferred, simply set a timer to let your devices switch on/off automatically at a pre-set time through a day. Compatible with the IFTTT function, and you can make more actions happen to trigger other devices, or receive a notification on your phone once the action was triggered.
Along with support for smart scenes, just set a device to turn on/off to make another or a boatload of devices turn on/off. The LAN control is designed for situations which no available Wi-Fi connection, or an unsteady Wi-Fi network environment. A convenient option that is share control is capable of allowing you to manage the same device with your family or friends together, simply share it on the eWeLink app to try. Amazingly, the module with unique DIY function, the way you can assemble it with your ordinary appliances to turn them into intelligent.

CONTROL: From anywhere via Smart device

FUNCTION

- Open Device REST API: Connect and control the RFR3 with your existing home automation system like Home Assistant via LAN.
- With 433MHz RF Control: Use your common 433MHz remote control to turn on/off the device without Internet.
- Voice Control: Compatible with Amazon Alexa, Google Assistant, SmartThings, and Alice. Just speak out your command, the smart device can do on/off as you say.
- Easily DIY Your Smart Home Appliances: Connect RFR3 directly to the middle of the power supply and the appliance to quickly make your ordinary appliances smart without buying a new smart one.
- Smart Scenes: Trigger other smart devices, make actions auto-on/-off. The appliances understand you, and your life becomes simpler.
- Fully Functional: RFR3 has all the most basic functions, like remote APP control, LAN control, smart scenes, timing schedule, share control, etc. Your best choice for the DIY switch etc.

Timer & Schedule
Single | Repeat | Countdown | Loop timer



Sync status
Real-time device status can be provided on eWeLink App



Remote Control | Voice control | Schedule Timing | Smart Scenes | Sync Status | LAN Control | Power-on Status | Share control

Download eWeLink Application.
Full info for the products, instructions can be found at www.elmarkholding.eu

Catalogue number	Input voltage	Output current	Output power	Colour	Packing/Box (pcs)
BASICRFR3	100-240V AC	10A	2200W	White	1/400

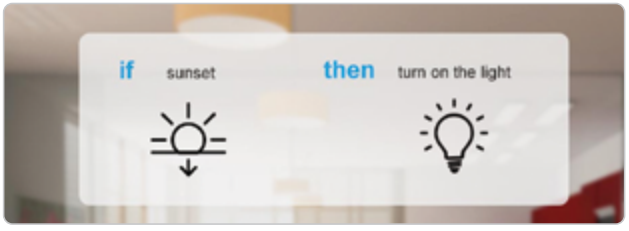
3 YEARS TOTAL WARRANTY
3 standard + 0 extended

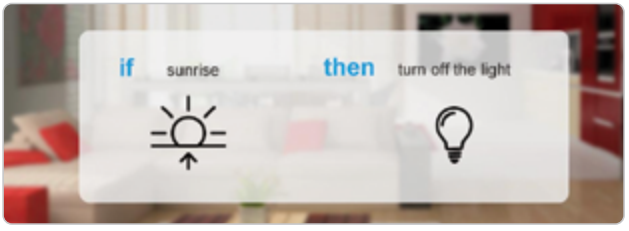
Scan and watch detailed video with all product functions.

TECHNICAL DATA

- Input: 100-240V AC 50/60Hz
- Output: 100-240V AC 50/60Hz
- Max.Load: 2x10A/2x2200W
- Gang: 2
- Wi-Fi: IEEE 802.11 b/g/n 2.4GHz
- Material: PC V0
- Dimensions LxWxH: 90x41x27 mm
- Product weight: 59g

Compatible with IFTTT
Unlimited possibilities to control the devices





Scan each QR code to see product price and availability.

TWO WAY SMART MINI SWITCH



MINIR2, as a reinforced MINI two-way DIY smart switch, has been redesigned to lift the safety and performance to the optimal level. The old version MINI has an external antenna with strong electricity, but the MINIR2's antenna is hidden totally into the interior that ensures you peace of mind to use it to control your devices. Additionally, the interface S1 and S2 are colored to gray which is distinguished from other input and output interfaces in order to further remind you not to connect the strong current to both of the interfaces. 2KV surge testing meets the 1KV surge testing standard that CE certification requires, and it passed the ANATEL certification, so MINIR2 give you enough safety to bring you a safe use experience. The small and compact smart switch is used for different kinds of switch boxes, even the smallest EU standard switch box. Convenient to automate your home appliances on eWeLink app with your smartphone or your voice command. Support 3 triggering modes that pulse mode (works with push button switches), edge mode (Works with SPDT switches) and following mode (Works with switches with "ON" and "OFF" mark and sensors with dry contact output). It supports the DIY mode (designed for developers) which allows users to integrate MINIR2 into worldwide third-party open source smart home control system to achieve LAN control without cloud service, such as Home Assistant, openHAB,ioBroker.

CONTROL: From anywhere via Smart device

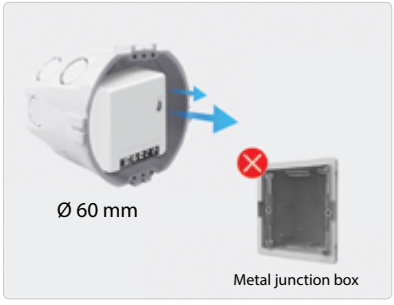
FUNCTION

- Two-Way Control: Use MINIR2 to retrofit a light and hide it in the switch box, without any traces. You will get a smart light and the physical switch controlling is still retained.
- Voice Control: Compatible with Amazon Alexa, Google Assistant, SmartThings, and Alice. Just speak out your command, the smart device can do on/off as you say.
- Open Device REST API: Connect and control the MINIR2 with your existing home automation system like Home Assistant via LAN.
- Smart Scenes: Trigger other smart devices, make actions auto-on/-off. The appliances understand you, and your life becomes simpler.
- Fully Functional: MINI2 has all the most basic functions, like remote APP control, LAN control, timing schedule, share control, etc. Your best choice for the DIY switch.

Small and compact



Installation guide



APP Control | Voice control | Schedule Timing | LAN Control | Power-on Status | DIY Mode | Small Body

Download eWeLink Application.
Full info for the products, instructions can be found at www.elmarkholding.eu

TECHNICAL DATA

- Input: 100-240V AC 50/60Hz
- Output: 100-240V AC 50/60Hz
- Max.Load:10A/2200W
- Wi-Fi: IEEE 802.11 b/g/n 2.4GHz
- Material: PC V0
- Dimensions LxWxH: 42.6x42.6x20 mm

Catalogue number	Input voltage	Output current	Output power	Colour	Packing/Box (pcs)
MINIR2	100-240V AC	2x10A	2x2200W	White	1/400

Scan and watch detailed video with all product functions.

Get your house lighted via your smartphone



Customize smart scenes
On/Off time, it's up to you



3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

3 YEARS TOTAL WARRANTY
3 standard
+ 0 extended

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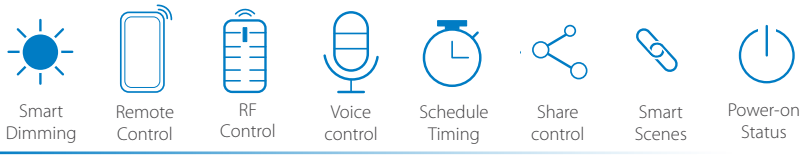
SMART DIMMER SWITCH

New D1 smart dimmer switch excellently improves the lighting system in your home with different brightness levels. Turn on/off, brighten and dim the incandescent light bulbs and dimmable LED lights through the RM433 remote controller, eWeLink APP, Alexa or Google Home. The newly added sunrise and sunset mode are available in smart scene to activate your light when sunsets and inactivate it when sunrises. Amazingly, timing schedule and brightness setting can be enabled simultaneously in smart scene. It means that you can schedule the bed-room light to automatically turn on at 40% brightness at 7:00 AM and turn off at 100% brightness at 7:00 PM.

CONTROL: From Anywhere via Smart Device or by remote control

FUNCTION

- Stepless Dimmable: Set the dimming range you want and adjust the light steplessly at any time. Support to dim incandescent light bulbs and dimmable LED light
- Open Device REST API: Connect and control the D1 with your existing home automation system like Home Assistant via LAN. Set up scenarios with different light intensities.
- Sunrise & Sunset Scenes: Keep track of the sun rise and set time of your location, so you can create a scene that activates at a fixed time, when the sun rises or when the sun sets.
- RF 433MHz Remote Control: Even easier dimming at hand, turn the light down casually with the RF 433MHz remote controller RM433 at the thrilling movie night, or on/off the light, enjoy an immersing moment
- Adjust Party Ambience with Your Voice: Turn up/down the brightness level light with your voice command for a great atmosphere via Amazon Alexa & Google Assistant.



Download eWeLink Application.
Full info for the products, instructions can be found at www.elmarkholding.eu

TECHNICAL DATA

- Input: 100-240V AC 50/60Hz
- Output: 100-240V AC 50/60Hz
- Max. Current: 1A
- Incandescent bulb: 200W
- Dimmable LED: 150W
- RF: 433.92MHz
- Wi-Fi: IEEE 802.11 b/g/n 2.4GHz
- Material: PC V0
- Dimensions LxWxH: 62x47x32.5 mm

Catalogue number	Input voltage	Output current	Output power	Colour	Packing/Box (pcs)
D1	100-240V AC	1A	200W	White	1/200

Scan and watch detailed video with all product functions.

Set the brightness for the preset time



Adjustable in 4 lighting levels



Dim light on the right level via eWelink App



Scan each QR code to see product price and availability.

TWO WAY SMART MINI POWER METERING SWITCH



DUALR3 is a flush-mounted Wi-Fi smart dual relay switch module that is installed behind any standard switch to transfer it into a smart switch for wireless remote control with mobile devices or voice command. Unifying your home appliances into an integrated wireless network to make them communicate with one another which is convenient for you to manage and control, including lights, home appliances and motorized facilities like roller shutters, window shades, blinds, awning, etc.
Three working modes available. DUALR3 comes with switch mode, motor mode and meter mode. One of the typical features is roller shutter and window shades smart control in the motor mode. The switch module offers the ultimate flexibility for your roller shutter and window shades by app remote control and scheduling timed events no matter whether you are home or away.
Double two-way control. The double relay switch module distributes the load to two inputs compared to the simple relay, which this working mechanism lets you have two-way control for two devices independently.

CONTROL: From anywhere via Smart device

Double Two-Way control of lifgts



FUNCTION

- Roller Shades Motor Control: Let your electric curtains, roller blinds, etc. become smart immediately.
- External Switch Two-Way Control: DUALR3 has 6 types of external switch detection mechanisms, making it suitable for most physical switch control
- Power Metering: The 2-Gang detects voltage, current, and power values and counts the power consumption for you independently to allow for reasonable energy consumption control.
- With The Most Features: DUALR3 has three working modes that meet the needs of different application scenarios. Remote, timing, voice control, smart scenes, and other functions are all available.
- Safe And Reliable: TUV, CE, FCC, and RoHS certifications ensure a safer and more reliable product.



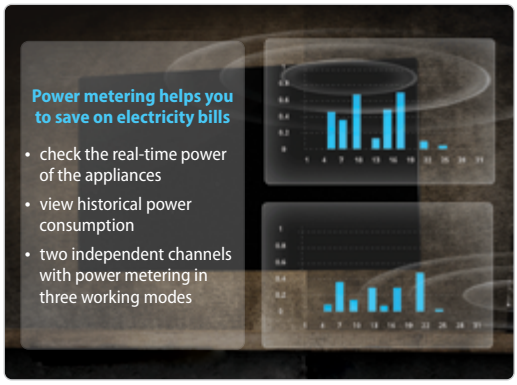
Download eWeLink Application.
Full info for the products, instructions can be found at www.elmarkholding.eu

TECHNICAL DATA

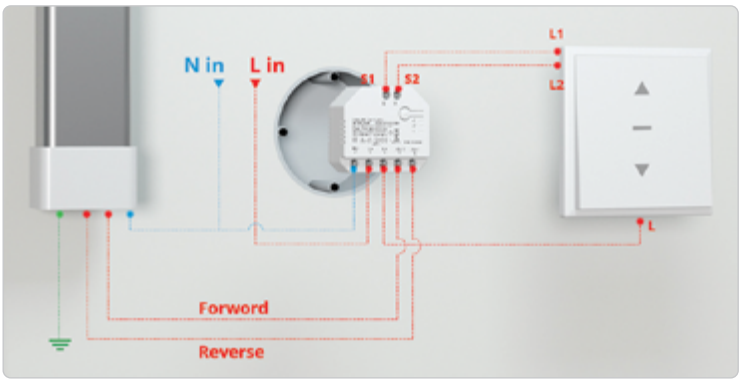
- Input: 100-240V AC 50/60Hz
- Output: 100-240V AC 50/60Hz
- Resistive Load: 10A/2200W Gang; 3300W/15A Total
- Motor Load: 10-240W / 1A
- Wi-Fi: IEEE 802.11 b/g/n 2.4GHz
- Mounting: On DIN-Rail
- Material: PC V0
- Working temperature: from -10°C to 40°C
- Dimensions LxWxH: 54x49x24 mm

Catalogue number	Input voltage	Resistive current	Resistive load	Colour	Packing/Box (pcs)
DUALR3	100-240V AC	2x10A	2x2200W	White	1/400

Scan and watch detailed video with all product functions.



Demo wiring diagram



3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity



HIGH POWER SMART SWITCH WITH POWER MONITORING

POWR3 is a high power smart switch that can make your high-powered devices smart, or act as a smart meter for a single room, connecting all the appliances in the room to the POWR3 and the power consumption of each room is counted individually. from anywhere you'll be able to see which devices are turned on, it doesn't just visually communicate how much electricity you're using, it also store your historical energy consumption for 100 days, which can be exported to CSV on your phone.
POWR3 lets you turn electronics on or off from anywhere with your smartphone using the eWeLink app or by simply giving voice commands to Amazon Alexa or Google Home Assistant. It also can turn devices on or off according to a schedule you choose. Multiple POWR3 can be controlled centrally, and the metadata and power consumption can be displayed on Hass through eWeLink add-on. Apart from that, overload protection can keep your electricity safe at all times once an abnormality was detected, the power will be cut off to avoid device damage and danger. What's more, to better help you save energy usage, POWR3 supports Alexa smart energy, you can centrally view the overall or individual device energy consumption in the Alexa Energy Dashboard. Use the POWR3 to automate your home while saving energy!

CONTROL: From Anywhere via Smart Device

FUNCTION

- 25A/5500W Highest Output Power: POWR3 has the highest output power to make your high-powered devices smart, or as a single room-meter to measure power consumption
- Measuring Power Consumption: Keep track of active power, current and voltage of your appliances on App
- Overload protection: Once an abnormality was detected, the power will be cut off to avoid device damage and danger.
- One-tap switch on/off remotely: POWR3 can cut off power wherever you are that can ensure the safety of your appliances and save on hidden electricity bills.
- Voice Control: Compatible with Amazon Alexa, Google Assistant, SmartThings, and Alice. Just speak out your command, the smart device can do on/off as you say.

APP Control | Voice control | Schedule Timing | LAN Control | Power Metering | Overload Protection

Download eWeLink Application.
Full info for the products, instructions can be found at www.elmarkholding.eu

TECHNICAL DATA

- Input: 100-240V AC 50/60Hz
- Output: 100-240V AC 50/60Hz
- Max.Load: 25A/5500W
- Wi-Fi: IEEE 802.11 b/g/n 2.4GHz
- Material: Fire-retardant PC V0
- Dimensions LxWxH: 166x122x45.5 mm

Catalogue number	Input voltage	Output current	Output power	Colour	Packing/Box (pcs)
POWR3	100-240V AC	25A	5500W	White	1/100

Scan and watch detailed video with all product functions.

3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

Metadata monitoring

Voltage | Current | Active power

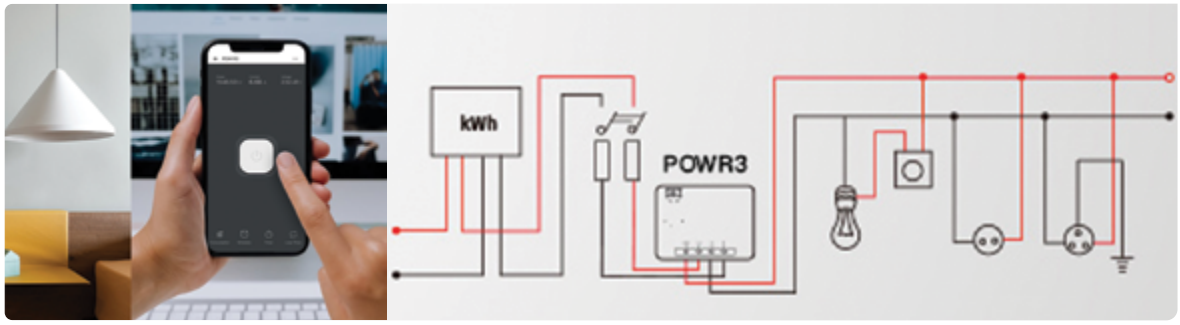


Power metering for per room



Cut off power wherever you are

POWER3 supports one-tap switch on/off remotely and synchronizes the switching status



3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

3 YEARS TOTAL WARRANTY
3 standard
0 extended



Main unit
Cat. number:
SPM-Main



4-Relay
Cat. number:
SPM-4Relay

SMART POWER METERING, STACKABLE

Stackable Power Meter realizes smart management with overload protection, meta data monitoring and electricity statistics, support power-on state. The SPM-Main communicates with the cloud through Ethernet or WiFi, and communicates with the SPM-4Relays through RS-485, which allows for multi-terminal and stable long-distance data transmission and through the eWeLink App, you can obtain the power consumption.
Once the overload protection is enabled, you do not need to worry about electrical appliances being burned out, which helps remove potential safety hazards. In addition, you can also set the overload delay activated to avoid spurious triggering. One SPM-Main can be connected 32SPM-4Relays. Each SPM-4Relay has 4 isolated channels to help the tenant to solve the problem in electric charge sharing. Each channel can support maximum current of 20A, no fear of high power load.
Get Over 180-day of Energy Usage Data Available SD card local storage. You can insert the SD card into SPM-Main to download and check over 180 days of your energy usage history at any time of the day through HTTP API.

CONTROL: From Anywhere via Smart Device or by remote control

FUNCTION

- Connect up to 32 SPM-4Relays: One SPM-Main can be connected 32 SPM-4Relays. Each SPM-4Relay has 4 isolated channels to help you manage devices more conveniently.
- Max. 20A/Gang: Each channel can support maximum current of 20A, no fear of high power load.
- Overload Protection: Once the overload protection is enabled, it can protect your devices from burning out
- Micro SD: SD card plays a more significant role, like export electricity consumption data quickly, store more than 20 years of historical electricity consumption and each meter relay can save 20,000 operation logs.
- Power metering: Obtaining current, voltage, and power easily. You can monitor the consumption statistics of 4-Relay by checking eWeLink App on your mobile phone.



Note : The Main Unit and 4-Relay of the Stackable Power Meter need to be used together. The Main Unit is connected to at least one 4-Relay to function.
Note 2: The Main Unit capacity supported 8-32GB SDHC card.

Scan each QR code to see product price and availability.



TECHNICAL DATA MAIN UNIT (SPM-MAIN)

- Input voltage: 100-240VAC 50/60Hz
- Wireless Standard: 802.11 b/g/n, 2.4GHz
- Enclosure Material: PC V0
- Mounting: on DIN-Rail
- Dimension (LxWxH): 142.5x90x66.5 mm

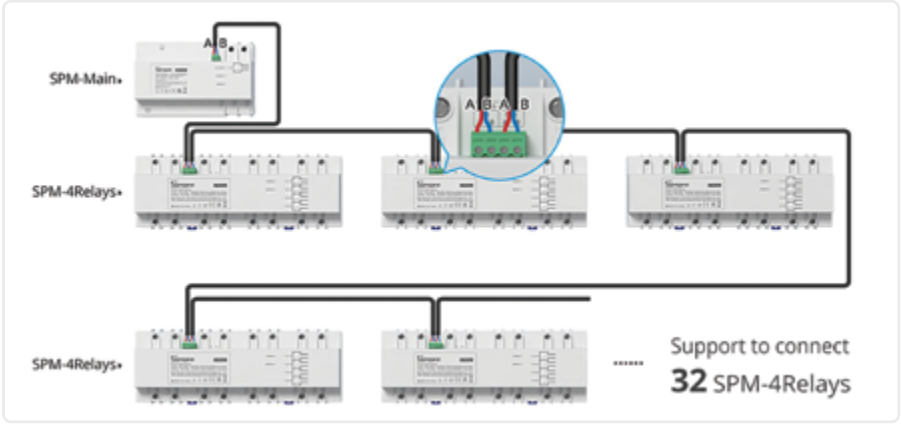


TECHNICAL DATA 4 RELAY (SPM-4RELAY)

- Input/Output voltage: 100-240VAC 50/60Hz
- Input/Ouput Current: 4x20A
- Enclosure Material: PC V0
- Mounting: on DIN-Rail
- Dimension (LxWxH): 250x90x66.5 mm

RS-485 COMMUNICATION ALLOWS FOR "SMART STACKABLE"

The SPM-Main communicates with the cloud through Ethernet or WiFi, and communicates with the SPM-4Relays through RS-485, which allows for multi-terminal and stable long-distance data transmission.



SMART STACKABLE POWER METER

This stackable power meter realizes smart management with overload protection, meta data monitoring and electricity statistic.



128 ISOLATED CHANNELS & EACH UP TO 20A

One SPM-Main can be connected 32SPM-4Ralays. Each SPM-4Ralays has 4 isolated channels to help the tenant to solve the problem in electric charge sharing



3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.

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LIMITED STOCK



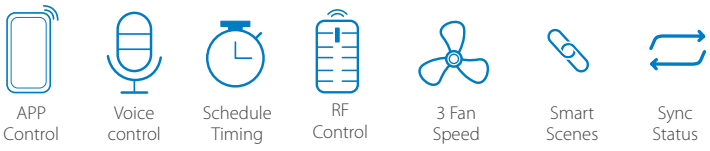
WI-FI FAN AND LIGHT SMART SWITCH CONTROLLER

iFan03 is a Wi-Fi ceiling fan and light controller supported to control the ceiling fan with light using your phone wherever you are. Voice control is designed to make you easily command iFan03 to turn on or off the fan and light, no need any manual operation. Support to control the ceiling fan with light from your phone wherever you are and whenever you want. Schedule for it to turn on and off at daytime or nighttime, or anytime throughout the day, and it will turn on or off automatically. Supplied with a RM433 remote controller where you can adjust the fan among the low, medium and high speed for getting different levels of cool feeling. The scenes feature in the app allows you to control one or multiple SONOFF devices, quickly and simultaneously with a single tap.
iFan03 comes with a 433 RF Remote, with whom you can turn on/off the fan and light, adjust fan speed indoors.

CONTROL: From Anywhere via Smart Device or by remote control

FUNCTION

- Direct Replacement: Simply replace your existing ordinary ceiling fan with lights controller with iFan03, you will immediately get a smart ceiling fan with lights
- APP&433MHz RF Remote Control: Through eWeLink App, you can remotely control the ceiling fan with lights with ease on iOS & Android smartphone anywhere and anytime. The device can be also controlled via the
- RM433 remote controller (included in the package). The small 433MHz remote controller design allows you to hang it on the wall as a wireless wall switch or remove it as a remote control as required.
- 3 Fan Speeds: The APP enables you to choose low, medium, and high fan speed to keep your room comfortable.
- Timer&Schedule: By presetting single, repeating, and countdown timers, the iFan03 WiFi Ceiling Fan&Light Controller can be automatically turn on/off at a specific time.



Download eWeLink Application.
Full info for the products, instructions can be found at www.elmarkholding.eu

TECHNICAL DATA

- Input voltage: 100-250V AC
- Fan Output Voltage: AC100-240V 50/60Hz
- Fan Output Current: 2A
- LED Output: Max. 300W/220V
- RF Remote Control: 433.92MHZ
- Wireless Standard: 802.11 b/g/n
- Security Mechanism: WPA-PSK/WPA2-PSK
- Enclosure Material: Fire-retardant ABS V0
- Dimension (LxWxH): 116x55x26 mm

Catalogue number	Input voltage	Output current	Output power	Colour	Packing/Box (pcs)
IFAN03	100-240V AC	2A	600W	White	1/100

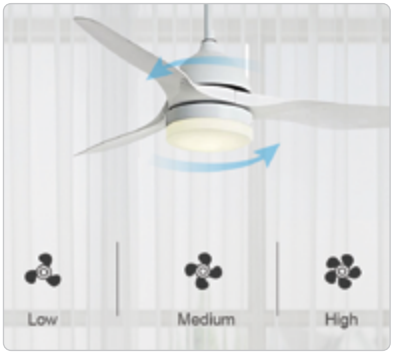
Schedule the Uptime & Downtime

Set a time/countdown for your ceiling fan with lights.



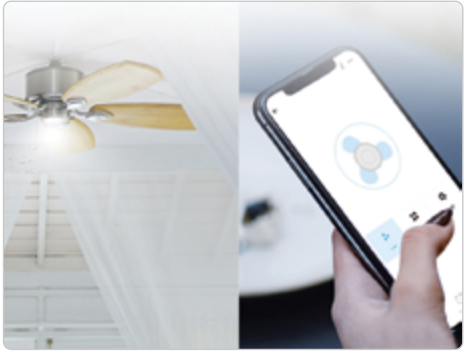
Scan and watch detailed video with all product functions.

3 fan speed adjustable



Sync the run status

Sync real-time working status to your phone



3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

WI-FI FAN AND LIGHT SMART SWITCH CONTROLLER



iFan04-H is a Wi-Fi ceiling fan and light controller supported to control the ceiling fan with light using your phone wherever you are. Voice control is designed to make you easily command iFan04 to turn on or off the fan and light, no need any manual operation. Support to control the ceiling fan with light from your phone wherever you are and whenever you want. Schedule for it to turn on and off at daytime or nighttime, or anytime throughout the day, and it will turn on or off automatically. Supplied with a RM433 remote controller where you can adjust the fan among the low, medium and high speed for getting different levels of cool feeling. The scenes feature in the app allows you to control one or multiple SONOFF devices, quickly and simultaneously with a single tap.
iFan04-H comes with a 433 RF Remote, with whom you can turn on/off the fan and light, adjust fan speed indoors.

CONTROL: From Anywhere via Smart Device or by remote control

FUNCTION

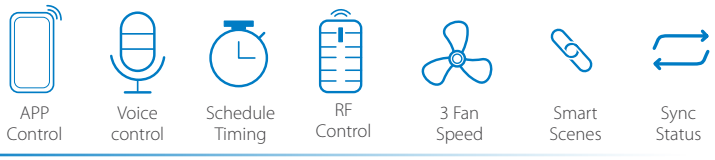
- Direct Replacement: Simply replace your existing ordinary ceiling fan with lights controller with iFan04-H, you will immediately get a smart ceiling fan with lights
- APP&433MHz RF Remote Control: Through eWeLink App, you can remotely control the ceiling fan with lights with ease on iOS & Android smartphone anywhere and anytime. The device can be also controlled via the
- RM433 remote controller (included in the package). The small 433MHz remote controller design allows you to hang it on the wall as a wireless wall switch or remove it as a remote control as required.
- 3 Fan Speeds: The APP enables you to choose low, medium, and high fan speed to keep your room comfortable.
- Timer & Schedule: By presetting single, repeating, and countdown timers, the iFan034-H Wi-Fi Ceiling Fan&Light Controller can be automatically turn on/off at a specific time.
- Hands-free Voice Control: SONOFF iFan04-H is compatible with Amazon Alexa (Amazon Echo/ Echo Dot/Amazon Tap) and Google Home Assistant. It allows you to use your voice to control your ceiling fan with lights and enjoy a hands-free experience.

Schedule the Uptime & Downtime

Set a time/countdown for your ceiling fan with lights.







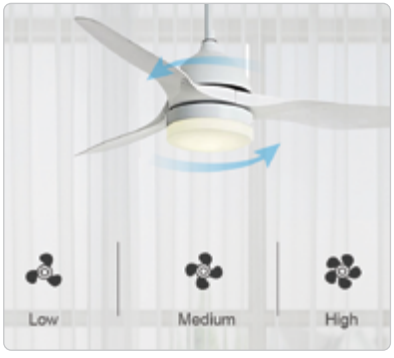
TECHNICAL DATA

- Input voltage: 100-240V AC
- Fan Output Current: Max. 2A
- LED Output Current: Max. 3A
- RF Remote Control: 433.92MHZ
- Wireless Standard: 802.11 b/g/n
- Security Mechanism: WPA-PSK/WPA2-PSK
- Enclosure Material: PC V0
- Dimension (LxWxH): 116x55x26 mm

Catalogue number	Output current	Output power	Colour	Colour	Packing/Box (pcs)
IFAN04-H	5A	690W	White	White	1/100

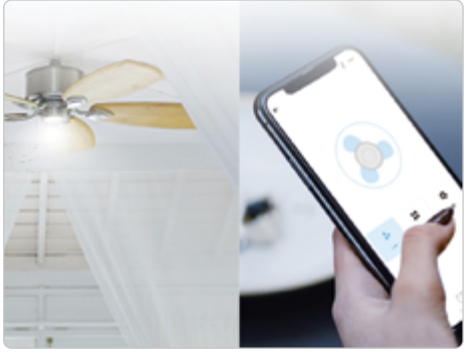
Scan and watch detailed video with all product functions.

3 fan speed adjustable



Sync the run status

Sync real-time working status to your phone



Download eWeLink Application.
Full info for the products, instructions can be found at www.elmarkholding.eu

3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

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TEMPERATURE AND HUMIDITY MONITORING WI-FI SWITCH

SONOFF TH Elite is a Smart Temperature and Humidity monitoring switch based on ESP32. With an LCD screen, TH Elite keeps monitoring the temperature and humidity in real-time, once they reach your preset threshold or the device's on/off state changes, you will receive the push notification on the phone. Support to connect 20A Max high load equipment like electric floor heating. You can replace your dry contact outputted traditional thermostat with TH Elite, to control the combi boiler or any other systems controlled by the ordinary switch. TH Elite support to review 6-Month Temp & Humidity historical data accurate to the hour. In the smart scene, temperature, humidity, on, off support setting as the trigger, on, off, invert as execute actions. Support adding SONOFF devices to Home Assistant for control and automation through eWeLink add-on. TH Elite turns your traditional thermostat into smart, automates your irrigation system, and gives you an easy way to monitor the temperature and humidity.
SONOFF TH Elite supports three kinds of temperature monitor and humidity monitor sensors—THS01 Temp & Humi Sensor, DS18B20 waterproof Temp sensor, and MS01 Soil Moisture Sensor. The sensor connector is upgraded to RJ9, supporting hot-plugging making the connection more stable and reliable.
The RL560 sensor extension cable can connect the SONOFF temperature and humidity sensors to extend your device's distance. THS01, DS18B20 can be extended to 60M, and MS01 Soil Moisture Sensor can be extended to 10M.

CONTROL: Local or from Anywhere via Smart Device

FUNCTION

- 20A Max & Dry Contact Output: Support to connect 20A Max high load, dry contact output.
- 6-Month Temp & Humidity Historical Data by Hours: Support to review the temp & hum history data by hour, day and month. Past 6-month history data can be exported in .xlsx format and accurate to hour.
- Local Automatic Control: Support LAN control, automatic control is more reliable. You can set 8 automatic control programs for you to save electricity bills and create comfortable surroundings.
- Voice Control and Query: Work with Alexa, Google Assistant, you can query temperature and humidity values by your voice.

eWeLink Web Control

More convinent to view and control multiple devices on web page.



Supports IFTT

Add IFTTT to achieve automation with other brands' devices.



Schedule Timing | Timer | Loop Timer | Share control | Inching Mode | Power-on Status | Switching Wi-Fi

Download eWeLink Application.
Full info for the products, instructions can be found at www.elmarkholding.eu

TECHNICAL DATA

- Input voltage: 100-240VAC 50/60Hz
- Output current: 20A
- Dry contact: 5-30V, 1A max.
- Wireless Standard: 802.11 b/g/n
- MCU: ESP32
- Enclosure Material: PC V0
- Mounting: on DIN-Rail
- Working humidity: 5-95%RH, non condensing
- Working temperature: from -10° to 40°C
- Dimension (LxWxH): 98x54x31 mm

Catalogue number	Input voltage	Output current	Output power	Colour	Packing/Box (pcs)
THR316D	100-240VAC	16A	4000W	White	1/100
THR320D	100-240VAC	20A	4800W	White	1/800

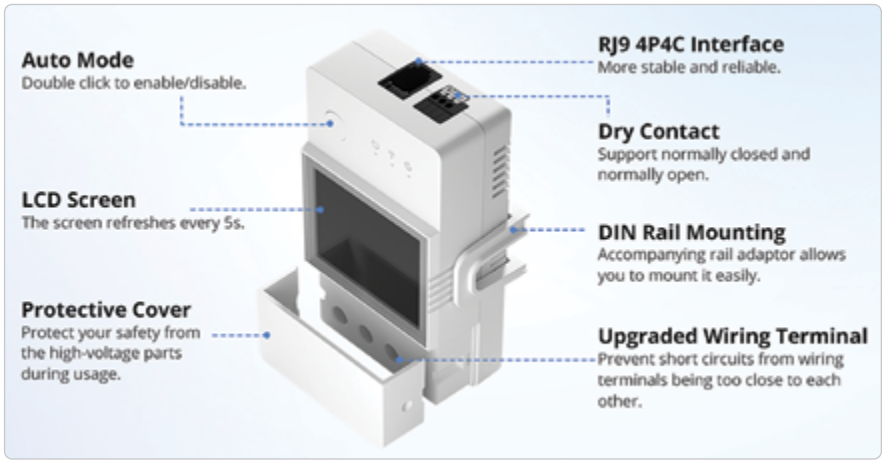
Scan and watch detailed video with all product functions.





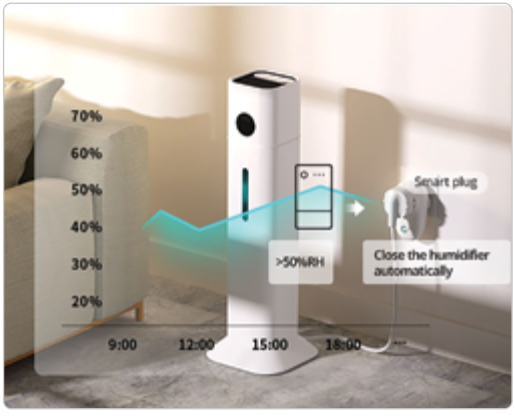
3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

Scan each QR code to see product price and availability.



Scene Automation

Use with other smart devices to achieve automation



Reliable Temperature & Humidity control

Supports LAN control



Auto mode

- The device can turn On/Off automatically according to the temp. & humi. thresholds at different time periods.
- 8 automatic control programs for you to save electricity and create comfortable surroundings.

Manual control

Turn On/Off the devices on the App anywhere, anytime

SENSORS:



TEMPERATURE & HUMIDITY SENSOR

Catalogue number: **THS01**

Working temperature: from -40° to +85°C
Working humidity: 0-100%RH
Connector type: Rj9 4P4C
Cable length: 0.5m
Max. extended length: 10m



WATERPROOF TEMPERATURE SENSOR

Catalogue number: **DS18B20**

Working temperature: from -55° to +125°C
Connector type: Rj9 4P4C
Cable length: 0.5m
Max. extended length: 60m



SOIL MOISTURE SENSOR

Catalogue number: **MS01**

Working temperature: from 0° to +60°C
Working humidity: 0-100%RH
Connector type: Rj9 4P4C
Cable length: 0.5m
Max. extended length: 10m



SENSOR EXTENDED CABLE

Catalogue number: **RL560**

Conductor resistance: max. 10Ω
Connector type: Rj9 4P4C
Cable length: 5m
Max. extended length: 60m
Insulation resistance: min. 5MΩ

Scan each QR code to see product price and availability.

3 YEARS TOTAL WARRANTY
3 standard
0 extended

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SMART WIFI FOUR CHANNEL SWITCH WITH RF CONTROL

Four gang Wi-Fi Smart Switch 4CHPROR3 is designed to give you the ability to integrate smart control into your home to enable it smart. Each smart switch has 4 gangs that can be used to control lights and other home appliances at the same time in four areas of your home. 4CHPROR3 is designed with an additional function for RF control. The function is purposely adopted to make you turn on/off the device connected with 4CHPROR3 via the RM433 remote controller. 4CHPROR3 have 3 working modes on eWeLink APP. So you can enable self-locking mode to turn on/off 4 connected devices separately, interlock mode to turn on 1 connected device every time and turn off the rest of devices simultaneously and inching mode to turn on 1 connected device and then make it turn off automatically after a given time (0.5 - 3600s). For the device away from the switch, you can create a movable space in virtue of a DIN rail to make them be connected. Simply activate devices through your voice when the switch works with Alexa and Google Home smart assistant.

CONTROL: From Anywhere via Smart Device or by remote control

FUNCTION

- Independently/Mutual Control 4 Devices: Turn on/off the 4 connected devices separately in self-locking mode. Turn on 1 device but turn off the other 3 devices at the same time in interlock mode. Turn on the connected devices but automatically switch off after 0.5-3600s later in inching mode.
- Dry Contact: If your device does not need to be powered through the output of the 4CHPROR3, but only needs to use it as a smart switch to control the line on and off, the 4CHPROR3 is your best choice.
- With 433MHz RF Control: Use your common 433MHz remote control to turn on/off the device without Internet connection.
- Easy To Out-of-Reach Devices: Mounted on the guide rail, convenient to connect and control devices far from the switch.
- Works With Alexa & Google Assistant & SmartThings & Alice: You can directly ask Amazon Echo/ Echo Dot/Amazon Tap, Google Home to turn on/off your devices.



Download eWeLink Application.
Full info for the products, instructions can be found at www.elmarkholding.eu

TECHNICAL DATA

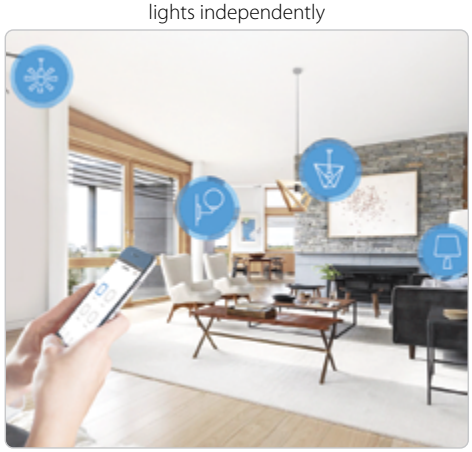
- Input voltage: 100-250VAC & 5-24VDC
- Output power: 4x2200W
- Output current: 4x10A
- Frequency: 2.4Ghz
- Working temperature: 0°C-40°C (32°F-104°F)
- Humidity: 5%-90%RH, Non-condensing
- Product size: L145×W90
- Mounting: DIN rail

Scan and watch detailed video with all product functions.

Catalogue number	Input voltage	Output current	Output power	Colour	Packing/Box (pcs)
4CHPROR3	100-240V AC	4x10A	4x2200W	White	1/100

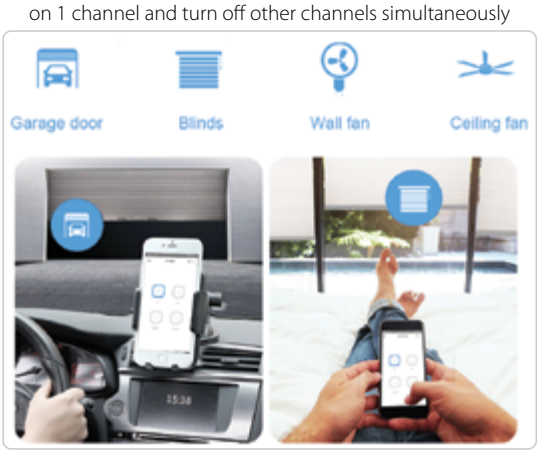
Run 4 devices separately

4CHPROR3 allows you to turn On or Off 4 connected lights independently



Automate more devices

One channel controls one work status, enable interlock to turn on 1 channel and turn off other channels simultaneously



3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

SAVE VOLTAGE WIRELESS SMART HOME MODULE



SV is a low voltage switch. The low voltage light switch supports 5-24V power supply. Power supply separation enables it to control both AC and DC power. It has GIPO reserved to support secondary development. This product does not have 433 RF function and shell.
SV low voltage WiFi switch is an affordable device that provides customers with smart home control. The low voltage WiFi switch is a WiFi based wireless switch that can connect to a wide range of appliances. Sonoff SV low voltage remote switch transmits data to a cloud platform through the WiFi router, which enables customers to remotely control all the connected appliances, via the mobile application eWeLink. The cloud server of Sonoff SV is Amazon AWS global server.
SONOFF SV low voltage wireless remote switch makes all home appliances smart. As long as the mobile has network, customers can remotely control the appliances by turning them on off from anywhere at any time. Another feature available is to set timing schedules for the appliances, which can include countdown, scheduled on/off, and can thus, help customers maintain an easy life.
The mobile application eWeLink enables customers to control the appliances easily. The iOS version of the application can be downloaded in App Store while the Android version in Google Play.

- 5~24V power supply voltage
- Tracking device status and timely remote control through APP
- Fast configure SSID and password through APP
- Automatic connect to server, register and update status info
- Setting max 8 single or repeat timing tasks each device
- Numerous WiFi smart switches - One smartphone
- Reserve GIPO to support secondary development

FUNCTION

- Remote ON/OFF: Turn electrical devices ON/OFF from anywhere
- LAN Control: Turn on/off the device even when Wi-Fi has no Internet access.
- Low Power Supply: 5-24V DC low voltage input
- App Support: Free iOS and Android mobile App eWeLink
- Sync Status: Real-time device status provided to App
- Timing: Set scheduled/countdown timers to turn ON/OFF at specified time
- Share Control: Control your smart home together with your family
- Scene: Turn ON/OFF a gang of devices with one tap
- Smart Scene: Triggered ON/OFF by temp, hum or other environmental conditions from sensor
- Compatibility: Works perfectly with Amazon Alexa, Google Assistant, IFTTT, Google Nest

Download eWeLink Application.
Full info for the products, instructions can be found at www.elmarkholding.eu

TECHNICAL DATA

- Power supply: 3V button cell x 2 pcs
- Battery type: CR2032
- Colour: Dark grey
- Button QTY: 6
- Enclosure Material: PC V0
- Dimension (LxWxH): 86x86x13.5 mm

Catalogue number	Input voltage	Output current	Packing/Box (pcs)
SV	5-24V DC	1A	1

Scan and watch detailed video with all product functions.



Voice control with Amazon Alexa & Google Assistant



Works with IFTTT
IFTTT helps your devices and apps work together in new ways



3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 3 standard
2 extended

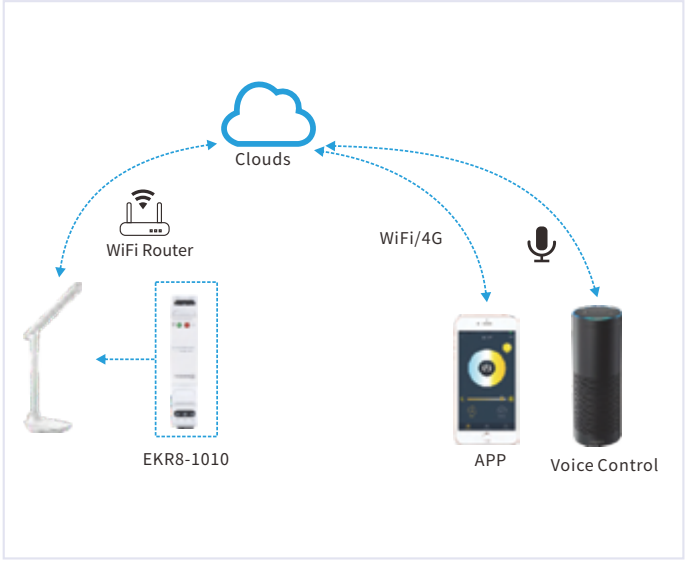
WI-FI SMART CONTROL RELAY WITH BUILD-IN ANTENNA, ELR-1W



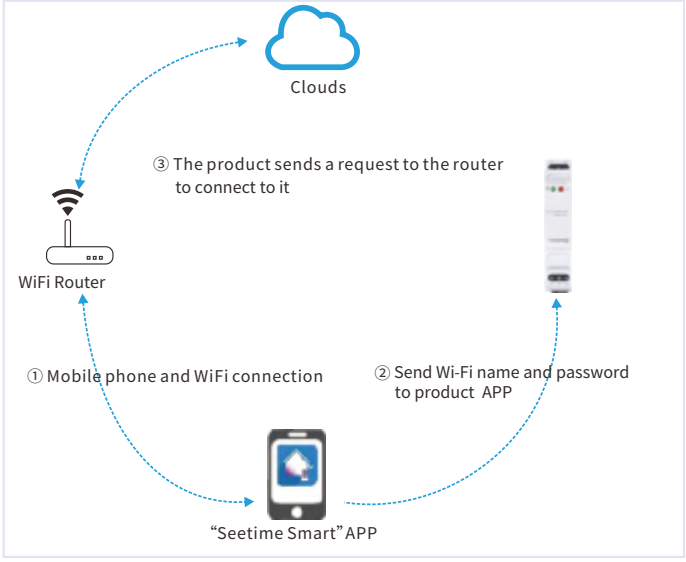
ELR-1W is widely used in smart homes and industrial intelligent control. It adopts the most popular Wi-Fi 2.4GHz control chip, and cooperates with powerful APP and mainstream voice assistants. Realize WLAN local control (even if the network is disconnected, you can also use APP local control and remote control, allowing users to fully experience the convenient life brought by modern intelligent technology. Using mobile phone APP or voice control device to control ON and OFF of the output of this product to realize the purpose of remotely starting or turning off the load electrical appliances.
The product cooperates with the corresponding APP to realize the following functions:
Support Smart Config for fast networking.
Support multiple control types: switch, timing start and stop, cycle control, etc.
Support WLAN local control and remote control.
Access to mainstream voice assistants such as Tmall Genie, DuerOS, Xiao Ai (Xiao Mi), Alexa, Google, etc., voice control.
Intranet device sharing and cloud account device sharing function.
APP supports Android and iOS systems.

Build-in antenna





Structure block diagram of Intelligent control system



Distribution network block diagram of standard configuration

Scan each QR code to see product price and availability.



APPLICATION

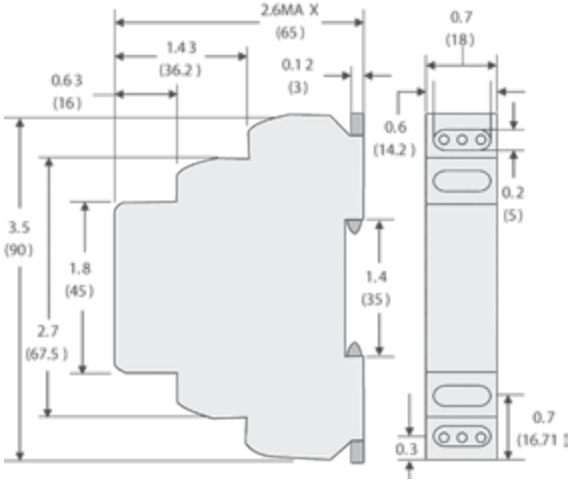
- Home control system
- Building automation
- Industrial control systems
- Industrial automation
- Mechanical and electrical equipment

TECHNICAL DATA

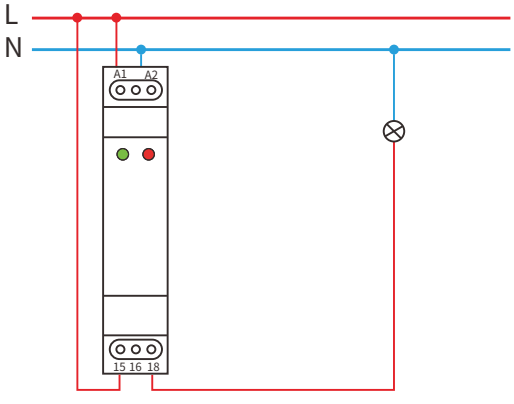
- Voltage Range: 85-240V AC/DC
- Rated Current: 10A
- Standard: IEEE 802.11b/g/n
- Working mode: STA/AP/STA+AP
- Wireless Security Support: WPA/WPA2
- Encryption Type: WEP/TKIP/AES
- Working Frequency: 2.4GHz-2.5GHz (2400M-2483.5M)
- Transmit Power:
  - 802.11b (CCK): 19+/-1dBm
  - 802.11g (OFDM): 14+/-1dBm
  - 802.11n(HT20@MCS7): 13+/-1dBm
- Wireless Transmission Distance: General Indoor: 45M, Outdoor: 150M (Note: It depends on the environment.)
- Application: Seetime Smart
- Standby Power Consumption: Less than 0.5W
- Working Temperature: -10-60ºC
- Working Humidity: 5%-95% (Non-condensing)
- Size WxHxD: 18x90x65 mm

Catalogue number	Type	Dimensions (mm)			Packing/Box (pcs)
		W	H	D	
50150	ELR-1W	18	90	65	1/100

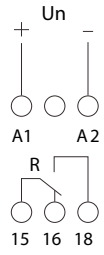
Scan and watch detailed video with all product functions.



Dimensions (mm)



Product wiring diagram



Wiring diagram

5 YEARS TOTAL WARRANTY
3 standard + 2 extended

Scan each QR code to see product price and availability.

3 YEARS TOTAL WARRANTY
3 standard
0 extended



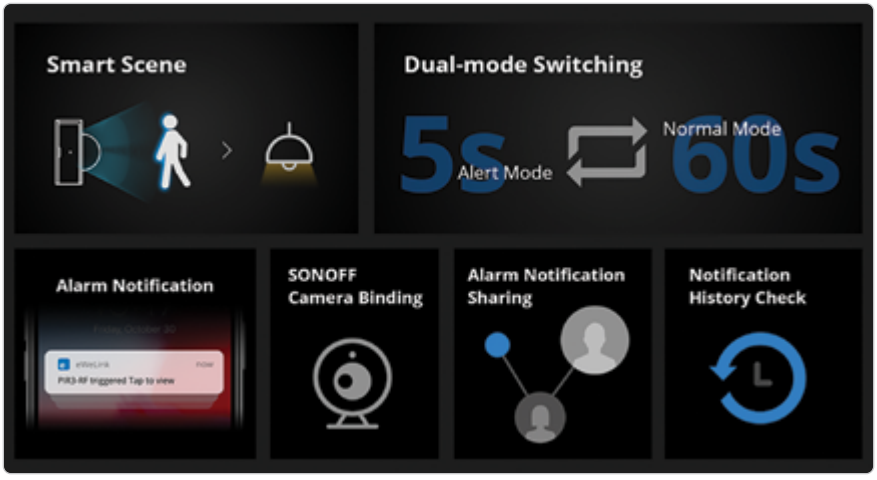
PIR MOTION SENSOR RF 433MHZ

PIR3-RF motion sensor can detect and report motion. When used for your home security system, it can detect the movement within 8M and help identify whether a human or pet is moving around inside your house, and your mobile phone will receive an alert notification. Connect SONOFF camera and you can view who is the intruder. When incorporated into your smart lifestyle, the sensor triggers your light on or off after connecting with SONOFF RF Bridge. You can set a scene that the hallway light is turned on when you enter the door.
With the universal joint, the sensor can be flexible to rotate a full 360°horizontal angle and 90°vertical angle which allows you to adjust the sensor into an optimal angle to view everything in your home (The sensor doesn't move on its own based on your motion). Another convenience for your home is that you can use the sensor for a position where the movement is not easy to be detected via mounting it in the universal joint, and just rotate the universal joint head to get a wonderful detecting angle. Plus, you can directly stick the sensor on the surface of objects to detect the movement. Just choose one as you like.
PIR3-RF has 2 working modes that alert and normal mode. In the alert mode, the sensor is triggered per 5s when someone enters the detection range. In the normal mode, the next alert trigger is activated if there is no motion detected within 1min after the previous detection

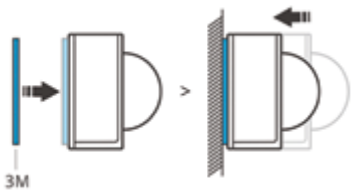
CONTROL: From Anywhere via Smart Device

FUNCTION

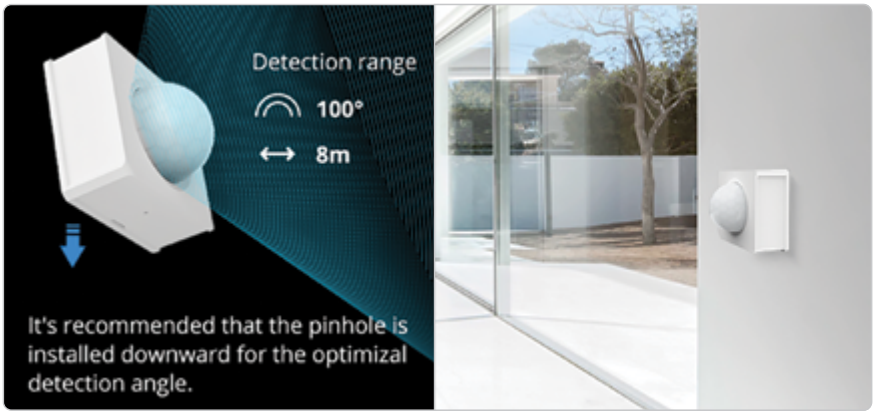
- Motion Sensor & Camera Binding: Alarm notification, by binding a camera, monitor your home on the double insurance.
- Alert Mode/Normal Mode: Two built-in modes which are two different trigger time mechanisms to meet your needs in different scenes.
- Smart Scenes: Set the smart scenes based on your needs, trigger more devices/scenes.
- Easy Installation: 3M adhesive or screw mounting (universal joint).



Download eWeLink Application.
Full info for the products, instructions can be found at www.elmarkholding.eu



3M Adhesive for simple use



Scan each QR code to see product price and availability.

TECHNICAL DATA

- Detection angle: 100°
- Detection distance: ≤ 8m
- RF: 433.92MHz
- Power supply: 3V button cell
- Battery type: CR2450 (not included)
- Working humidity: 10 - 90% (non condensing)
- Work temperature: from -10 to 40°C
- Enclosure Material: PC
- Dimension (LxWxH): 40x35x28 mm

Catalogue number	Detection angle	Detection distance	Battery	Packing/Box (pcs)
PIR3-RF	100°	≤ 8m	3V/CR2450	1/100

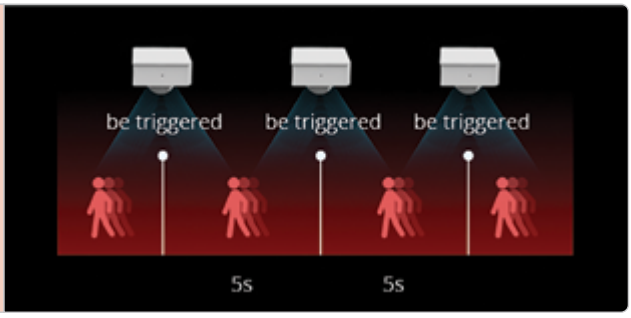
Scan and watch detailed video with all product functions.

NOTE 1: Works with RF bridge with catalogue number RFBRIDGER2.



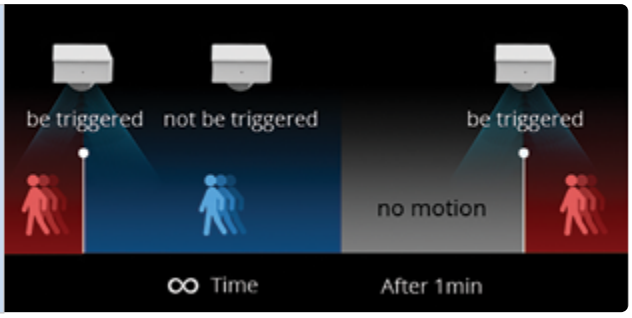
Alert mode

If motion is in the detection range, it ca be triggered every five minutes



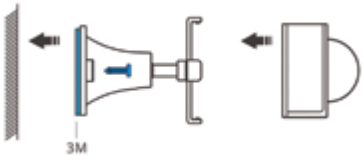
Normal mode

The next alarm trigger can be activated (when detection motion, it will be triggered) if there is no motion detected within one minute after the previous detection



Universal joint for flexible detection

With the universal joint, can be realized 360° rotation detection.
You can adjust the detection angle at any time to an optimum viewing level.





Cat. Number: PIR3-RFBASE

* The universal joint is not included, please purchase it separately.



3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

WIRELESS DOOR/WINDOW SENSOR



CONTROL: From Anywhere via Smart Device

FUNCTION

- No Gateway Needed: The sensor is paired with App via Bluetooth and is controlled on App via WiFi.
- Low-Battery Reminder & History Records Check: There is a reminder on App about the low battery, and 3-month history records are automatically saved
- Status Sync & Camera Binding: Check the status of the sensor through App to get the real status. You can also add a camera to view.
- Easy Installation: With Simple peel and stick installation, it is easy to fit in door frames and window sills.

TECHNICAL DATA

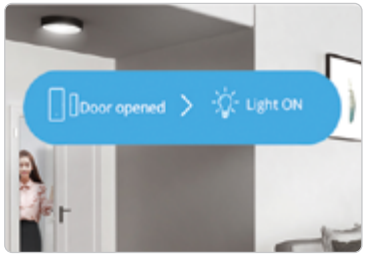
- Working Voltage: DC3V (2 x 1.5V battery)
- Quiescent current: ≤ 40 μA
- Emission current: <15mA
- Operating systems: (Android 4.1 & iOS 9.0) or higher
- Wireless Standard: IEEE 802.11 b/g/n
- Installation gap: <5mm
- Material: PC V0
- Size Magnet: 42 x 14 x 16 mm
- Size Transmitter: 70 x 31 x 19 mm

Download eWeLink Application.
Full info for the products, instructions can be found at www.elmarkholding.eu

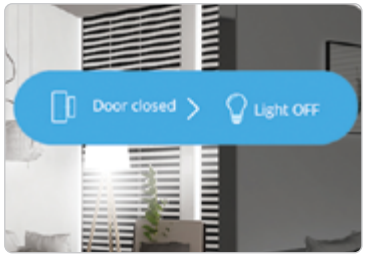
Scan and watch detailed video with all product functions.

Catalogue number	Working voltage	Quiescent current	Emission current	Packing/Box (pcs)
DW2 WIFI	3V DC	≤ 40 μA	<15mA	1/600

Light up the hallway when you walk into the door



Light off when you walk out the door





Alway know whether your home is safe


Sync Status


Alert Notification


Share control


No Gateway Required


Smart Scene


Low-battery Display


History record check


Bluetooth low energy pairing





3 YEARS TOTAL WARRANTY
3 standard
+ 0 extended

Scan each QR code to see product price and availability.

WI-FI SMOKE DETECTOR, TUYA SMART



This product is a smart photoelectric smoke sensor. It is a warning devices and can detect gas, heat or fire. Once detect danger of fire smoke, red LED will be ON and alarming to alertyou and your family timely. It can be used in household, public work and any places witch needs alarm monitoring.

MONITORING: From Anywhere via Smart Device.

FUNCTION

- Power ON status
- APP Control
- Alarming

APP Control | Power-on Status | Alarm & Recording

Download TUYA Smart Application.
Full info for the products, instructions can be found at www.elmarkholding.eu

TECHNICAL DATA

- Input voltage: 3V DC
- Battery: 2 x LR03
- Static current: ≤ 15uA
- Alarm current: ≤ 160mA
- Low voltage notification: ≤ 2.4V
- Alarm sound level: 80db / 1m
- WI-FI: 802.11 b/g/n
- Detecting range: 20m²
- Mounting: Ceiling
- Working temperature: from -10°C to +50°C
- Working humidity: ≤ 95%
- Size (LxWxH): 70x24x18.5mm

Catalogue number	Input voltage	Alarm sound level	Detection range	Battery	Packing/Box (pcs)
46DS408	3V DC	80db	20m²	2 x LR03	1

Scan and watch detailed video with all product functions.

WI-FI PLUG-IN GAS DETECTOR, TUYA SMART



This product is a smart flammable gas alarm, which is used to detect leakage of flammable gas and prevent the harm caused by gas leakage. This alarm uses high stability semiconductor gas sensor with small sensitivity drift. When a flammable gas leak is detected and the concentration value set by the alarm is reached, the alarm will send an alarm signal. This product is used indoor where leakage may occur, such as kitchens.

MONITORING: From Anywhere via Smart Device.

FUNCTION

- Power ON status
- APP Control
- Alarming

APP Control | Power-on Status | Alarm & Recording

Download TUYA Smart Application.
Full info for the products, instructions can be found at www.elmarkholding.eu

TECHNICAL DATA

- Input voltage: 85-250V AC
- Average consumption: ≤ 1.5W
- Alarm sound level: 70db / 1m
- Alarm density: 7% LEL ± 3% LEI (CH4)
- WI-FI: 802.11 b/g/n
- Mounting: in socket
- Working temperature: from -10°C to +50°C
- Working humidity: ≤ 95%
- Size (LxWxH): 48x30x55mm

Catalogue number	Input voltage	Alarm sound level	Alarm density	Packing/Box (pcs)
46DS409	85-250V AC	70db	7% LEL ± 3% LEI (CH4)	1

Scan and watch detailed video with all product functions.

3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

ELMARK
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RF REMOTE CONTROLLER WITH FOUR BUTTONS

The RF Remote is a 433MHz Wireless 4 Buttons Push Cover Remote which RF remote controls the learning code wall switch, plug seat or extention socket. The RF controller fits for all those 433Mhz controlled devices. The wireless RF remote suitable for long distance and multiple switch control. This product can work with our smart home products: SONOFF RFR2, SONOFF SlampherR2, SONOFF 4CHPROR3, SONOFF RF Bridge 433, SONOFF TX.

FUNCTION

- RF Remote Control: With 4 buttons, this RF remote controller is suitable for long-distance and multiple switch control.

Download eWeLink Application.
Full info for the products, instructions can be found at www.elmarkholding.eu

TECHNICAL DATA

- Battery: 12V (27A)
- Wireless: 433MHz
- Material: PC V0
- Weight: 31g
- Size: 50 x 30 x 12 mm

Catalogue number	Working voltage	Battery type	RF	Packing/Box (pcs)
4KEY433REMOTEBAT	12V	27A	433MHz	1/500

Scan each QR code to see product price and availability.

RM433R REMOTE CONTROLLER



Designed with 8 buttons to perform various functions in running on different types of devices. Such as fan speed adjustment, brightness setting, etc. The simple and stylish look gives any surface a beautiful decor when it is stored on the wall. Strong compatibility. It can be paired to control SONOFF RFR2, RFR3, SlampherR2,iFan04, D1, TX series, 433 RF BridgeR2 and other devices supporting 433 communication protocol and other devices supporting 433 communication protocol. Pairing with your devices is extremely simple and takes no time at all, simply press any button on the remote controller to pair with the device you need to control. Quick installation. Can match the base to be stored on the wall with double-sided 3M tapes or screws.



FUNCTION

- Remote Control: Control the connected devices remotely.
- Powerful Compatibility: Suitable for devices supporting RF433MHz communication protocol.
- Easy To Pair & One-Key Pairing: Press any button to pair with devices, and Sonoff D1 and iFan03/iFan04 can match the whole controller with just a press.
- Smooth Touch & Easy Installation: Sleek and modern design and fast installation with 3M adhesive tape or screws.
- User-Definable: 8 buttons can match 8 devices as you defined.

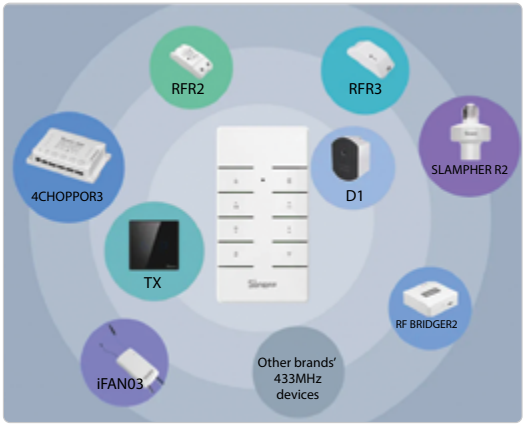
TECHNICAL DATA

- Working Voltage: 12V removable battery (Model: 27A)
- Number of keys: 8
- Material: PC V0
- RF: 433MHz
- Weight: 35g
- Size: 86 x 45 x 12,5 mm

Catalogue number	Working Voltage	Battery Type	RF	Packing/Box (pcs)
RM433WITHBATTERY	12V	27A	433MHz	1

Download eWeLink Application.
Full info for the products, instructions can be found at www.elmarkholding.eu

Wide applications suitable for all devices with 433MHz



Control your devices when there is no Wi-Fi connection



8 buttons can control 8 devices or more



3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

DIN RAIL ADAPTOR FOR SMART SWITCHES



Catalogue number: DR

For easy installation of many Sonoff switches to DIN rail. DIN- Rail adaptor DR can work with products, such BASICR2 / BASICR3, RFR2 / RFR3, POWR2, TH10 / 16, DUALR2.

FUNCTION

- Allows you to install the smart switches to the DIN rail.

Full info for the products, instructions can be found at www.elmarkholding.eu

TECHNICAL DATA

- Material: ABS V0
- Size (LxWxH): 112x52x10 mm

NOTE: DR can work with BASICR2/ BASICR3, RFR2/ RFR3, POWR2, TH10/ 16, DUALR2.

Can attach in to the DIN rail



Easy installation



LIMITED STOCK

IP66 WATERPROOF CASE



Catalogue number:
WATERPROOFBOXIP66

SONOFF IP66 is a high quality waterproof case that can be used with BASICR2,RFR2 in the underwater environment. The waterproof level of the waterproof box is IP66. It allows you to remote control your lights or home appliances outdoor.

FUNCTION

- Water-Proof: IP66 waterproof rating means the housing has a robust waterproof capability. Ensure your devices use in a wet environment safely.
- Dust-Proof: Prevent your devices from dust entering.

Full info for the products, instructions can be found at www.elmarkholding.eu

TECHNICAL DATA

- Material: ABS V0
- Transparent Cover Material: PC V0
- Waterproof Level: IP66
- Size (LxWxH): 132.2x68.7x50.1 mm
- Weight: 145g

High Ingress Protection



Easy installation



Scan each QR code to see product price and availability.

SELF ADHESIVE NFC RFID STICKERS NTAG213- 10 PCS, SET



Compatible with all devices support NFC. NTAG213 chips have read and write locking functions, which can be repeatedly edited. Can be use them to quickly share your social information, music, connecting wifi, establishing smart homes, etc., making your life more colorful.
You just need hover your phone over the NFC Sticker, data will send to your phone directly, No need internal energy, no need battery, no manual pairing.
*Tags cannot be used on the metal surface and strong magnetic field.

APPLICATION

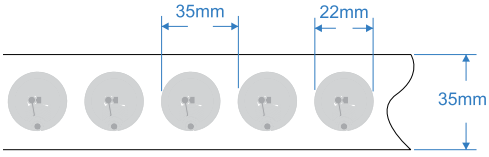
- Set your alarm
- Quiet your phone
- Launch your navigation app
- Toggle your WI-FI ON/OFF
- Make a Call -Send SMS
- Launch An App
- Join a WiFi Network
- Bluetooth ON/OFF
- Send a Business Card
- Show a Message
- Trigger Media System
- Toggle Phone Settings
- Set An Alarm
- Change Ringer Or Music Volume
- Change Screen Brightness
- Share a Contact
- Show Address Or Location
- Connect To Car Systems
- Update Social Media: Foursquare, Facebook, Twitter, LinkedIn
- Open a Web Page

TECHNICAL DATA

- Chip: Ntag213
- Base material: PET
- Antenna structure: Aluminum etching (AL 10um)
- Protocol: ISO/IEC14443-A
- Memory capacity: 144 bytes
- Operating frequency: 13.56MHz
- Work mode: Passive
- Read live: 100 000 times
- Save live: 10 years
- Anti-static property (ESD): 2000V
- Working temperature: from -20°C to 70°C
- Humidity: 90% RH (non-condensing)
- Chip diameter: 22mm

CATALOGUE NUMBER:
195NTAG213/10

Scan and watch detailed video with all product functions.



SELF ADHESIVE NFC RFID STICKERS NTAG215- 10 PCS, SET



Compatible with all devices support NFC. NTAG215 chips have read and write locking functions, which can be repeatedly edited. Can be use them to quickly share your social information, music, connecting wifi, establishing smart homes, etc., making your life more colorful.
You just need hover your phone over the NFC Sticker, data will send to your phone directly, No need internal energy, no need battery, no manual pairing.
*Tags cannot be used on the metal surface and strong magnetic field.

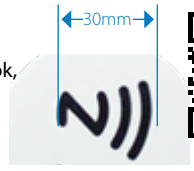
APPLICATION

- Send business V-card
- Set your alarm
- Quiet your phone
- Launch your navigation app
- Toggle your Wi-Fi ON/OFF
- Make a Call -Send SMS
- Launch An App
- Join a Wi-Fi Network
- Bluetooth ON/OFF
- Send a Business Card
- Show a Message
- Trigger Media System
- Toggle Phone Settings
- Set An Alarm
- Change Ringer Or Music Volume
- Change Screen Brightness
- Share a Contact
- Show Address Or Location
- Connect To Car Systems
- Update Social Media: Foursquare, Facebook, Twitter, LinkedIn
- Open a Web Page

TECHNICAL DATA

- Chip: Ntag215
- Base material: PET
- Antenna structure: Aluminum etching (AL 10um)
- Protocol: ISO/IEC14443-A
- Memory capacity: 504 bytes
- Operating frequency: 13.56MHz
- Work mode: Passive
- Read live: 100 000 times
- Save live: 10 years
- Anti-static property (ESD): 2000V
- Working temperature: from -20°C to 70°C
- Humidity: 90% RH (non-condensing)
- Chip diameter: 30mm

CATALOGUE NUMBER:
195NTAG215/10



Scan and watch detailed video with all product functions.

ELMARK
The Brand of Electricity

TUYA SMART WI-FI & RF 2 CHANNELS LED CONTROLLER, WT1



FEATURES:

- Used for control single color or color temperature LED strip
- DC power socket input and 2 channel constant voltage output.
- Tuya smart APP cloud control, support on/off, color temperature and brightness adjust, delay turn on/off light, timer run, scene edit function
- Voice control, support for Amazon Alexa, Google Assistant, Tmall Genie and Xiaodu smart speake
- Match with RF 2.4G remote control optional
- User need set light type by press key before Tuya smart APP network connection and match RF remote of the same light type
- Each WT1 controller can also work as WiFi-RF converter, then use Tuya smart APP to control one or more RF LED controller or RF LED dimming driver synchronously
- Connect with external push switch to achieve on/off and 0-100% dimming function
- Light on/off fade time 3s selectable

TECHNICAL DATA

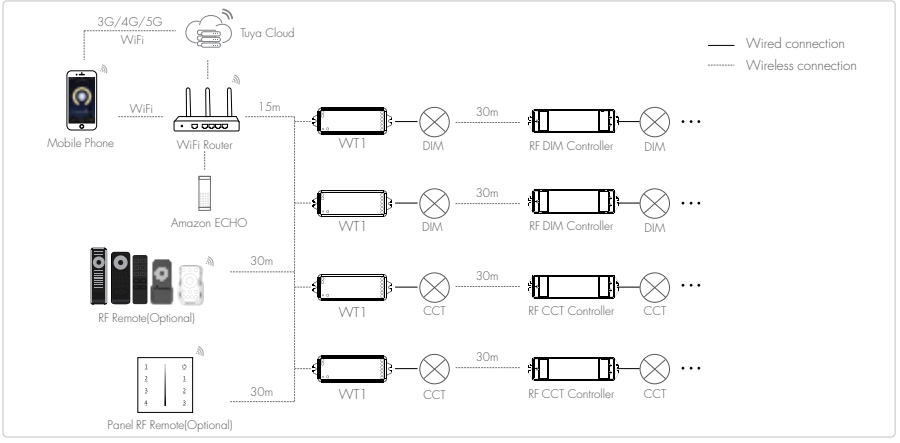
- Input voltage: 12-36V DC
- Output voltage: 2 x (12-36)V DC
- Output power: 2 x (12V-60W; 24V-120W; 36V-180W)
- Output current: 2 x 5A
- Output type: Constant voltage
- Input signal: Wi-Fi (Tuya APP) + RF 2.4GHz (Remote control) + Push Dim
- Control distance: 30m (Barrier-free space)
- Dimming gray scale: 4096 (2^12) levels
- Dimming range: 0-100%
- Dimming curve: Logarithmic
- PWM frequency: 2000Hz
- Operation temperature: from -30°C to +55°C
- IP degree: IP20
- Size (LxWxH): 120x43x27mm
- Weight: 73gr

PROTECTION

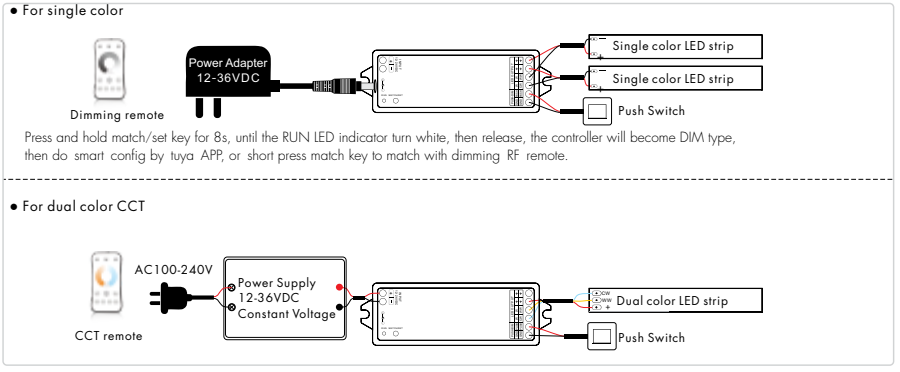
- Reverse polarity
- Over-heat
- Short circuit

Catalogue number	Model	Input voltage	Output current	Colour
195120	WT1	12 - 36V DC	2 x 5A	White

Wiring system



Wiring diadram



5 YEARS TOTAL WARRANTY
+ 3 standard
2 extended

Scan each QR code to see product price and availability.

TUYA SMART WI-FI & RF 5 CHANNELS LED CONTROLLER, V5-L(WT)



FEATURES:

- 5 in 1 function, used for control RGB, RGBW, RGB+CCT, color temperature or single color LED strip.
- DC12-48V input, 5 channel constant voltage output
- Tuya smart APP cloud control, support on/off, RGB color, color temperature and brightness adjust, delay turn on/off light, timer run, scene edit and music play function
- Voice control, support for Amazon Alexa, Google Assistant, Tmall Genie and Xiaodu voice assistant
- Match with RF 2.4G remote control optional
- User need set light type by press key before Tuya smart APP network connection and match RF remote of the same light type
- Each V5-L(WT) controller can also work as WiFi-RF converter, then use Tuya smart APP to control one or more RF LED controller or RF LED dimming driver synchronously.
- PWM frequency 500Hz, 2000Hz, 8000Hz or 16000Hz selectable
- Light on/off fade time 3s selectable
- Connect with external push switch to achieve on/off and 0-100% dimming function

TECHNICAL DATA

- Input voltage: 12-48V DC
- Output voltage: 5 x (12-48)V DC
- Output current: 5 x 6A / 12-24V; 5 x 4A / 36-48V
- Output power: 5 x (12V-60W; 24V-120W; 36V-144W; 48V-192W)
- Output type: Constant voltage
- Input signal: Wi-Fi (Tuya APP) + RF 2.4GHz (Remote control) + Push Dim
- Control distance: 30m (Barrier-free space)
- Dimming gray scale: 4096 (2^12) levels
- Dimming range: 0-100%
- Dimming curve: Logarithmic
- PWM frequency: 2000Hz (default)
- Operation temperature: from -30°C to +55°C
- IP degree: IP20
- Size (LxWxH): 185x58x36mm
- Weight: 193gr

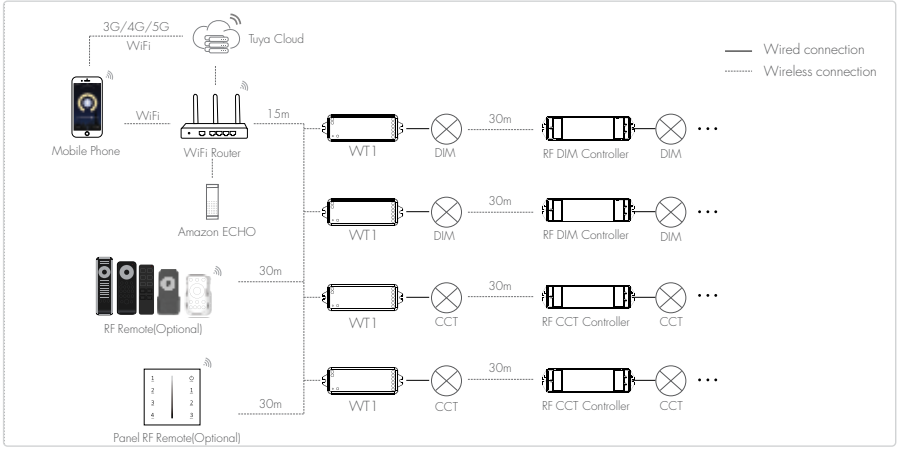
PROTECTION

- Reverse polarity
- Over-heat
- Short circuit

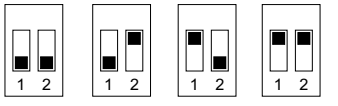
Catalogue number	Model	Input voltage	Output current	Colour
195121	V5-L(WT)	12 - 48V DC	5 x 4/6A	White

5 YEARS TOTAL WARRANTY
+ 3 standard
2 extended

Wiring system



PWN frequency setting



When power is off, select the DIP switch firstly, then press hold the MATCH key, and power up the controller in the same time, the RUN LED indicator will flash white color two times means PWM frequency setting is successful. We can select four PWM frequency: 500Hz, 2000Hz, 8000Hz or 16000Hz. Higher PWM frequency, will cause lower output current, higher power noise, but more suitable for camera(No flickers for video).

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity



TUYA SMART WI-FI & RF 1 CHANNEL HIGH VOLTAGE LED DIMMER, S1-B(WT)

FEATURES:

- WiFi + RF + Push AC phase-cut dimmer, 1 channel output.
- To dim and switch single color dimmable LED lamps, traditional incandescent and halogen lights.
- Easy to be placed in standard wall junction box behind a push switch.
- Tuya smart APP cloud control, support on/off, brightness adjust, delay turn on/off light, timer run, scene function.
- Voice control, support for Amazon Alexa, Google Assistant, Tmall Genie and Xiaodu voice assistant.
- 256 levels 0-100% dimming smoothly without any flash.
- Leading edge dimming or trailing edge dimming set by dip switch.
- Min. brightness can be set by key.
- Compatibility with RF 2.4G single zone or multiple zone dimming remote control.
- Light on/off fade time 3s selectable
- Each S1-B(WT) controller can also work as WiFi-RF converter, then use Tuya smart APP to control one or more RF dimming LED controller or driver synchronously.
- Connect with external push switch to achieve on/off and 0-100% dimming function.

TECHNICAL DATA

- Input voltage: 100-240V AC
- Output voltage: 100-240V AC
- Output current: 1 x 1,5A
- Output power: 1 x (150-360W)
- Input signal: Wi-Fi (Tuya APP) + RF 2.4GHz (Remote control) + Push Dim
- Control distance: 30m (Barrier-free space)
- Dimming level: 256 levels
- Dimming range: 0-100%
- Operation temperature: from -30°C to +55°C
- IP degree: IP20
- Size (LxWxH): 160x60x40mm
- Weight: 61gr

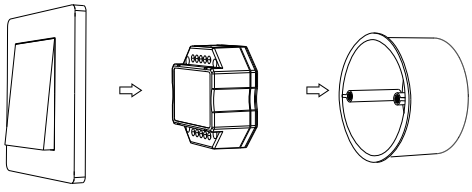
PROTECTION

- Over-load
- Over-heat

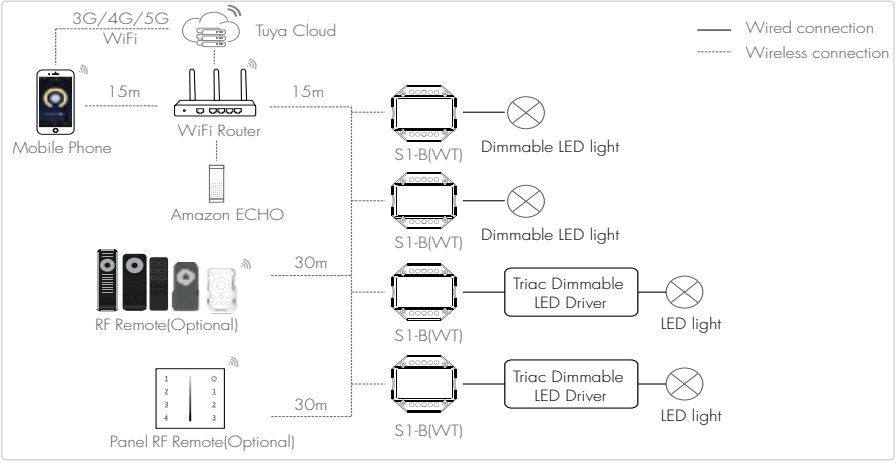
Catalogue number	Model	Input voltage	Output current	Colour
195125	S1-B(WT)	100-240V AC	1 x 1,5A	White

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Typical wall junction box mounting



Wiring system

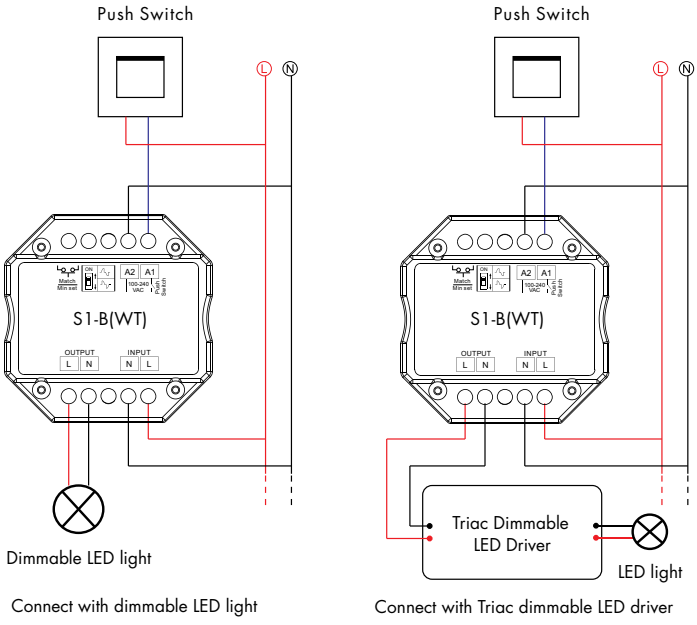


Scan each QR code to see product price and availability.

Wiring diadram

Caution:

Please carefully ensure all wire connections and polarities are correct and secure before applying power, otherwise this controller will be damaged.



Connect with dimmable LED light

Connect with Triac dimmable LED driver

Light on/off fade time:

Switch off the power, then switch on power,
repeat again.
Immediately short press match key 3 times,
the light on/off time will change between 3s and 0.5s.

Factory default (long press Match key 20s):

Min light brightness is 5%,
on/off fade time is 0.5s.

5 YEARS TOTAL WARRANTY
3 standard + 2 extended



TUYA SMART WI-FI & RF 3 CHANNELS HIGH VOLTAGE LED CONTROLLER, S3(WT)

FEATURES:

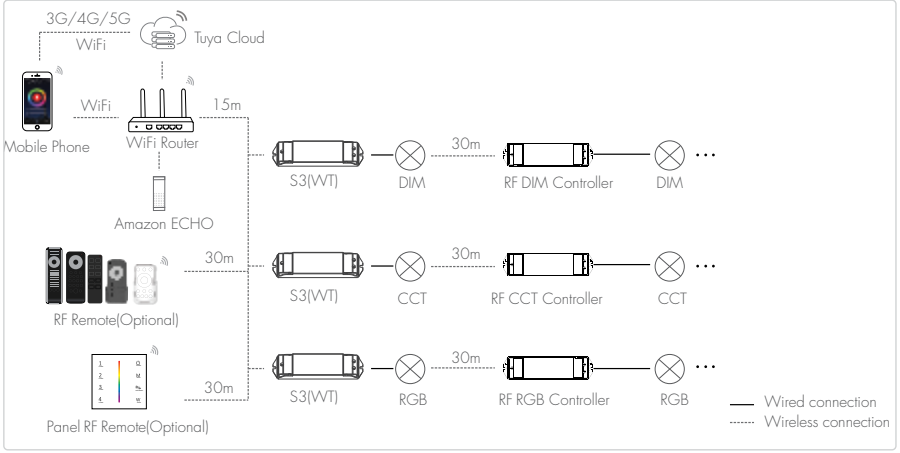
- 3 channel high voltage LED strip controller, can control maximum about 50 meters of high voltage LED strip, different LED strip may have difference.
- 3 in 1 function, used for control RGB, color temperature or single color LED strip.
- Tuya APP cloud control, support on/off, RGB color, color temperature and brightness adjust, delay turn on/off light, timer run, scene edit and music play function.
- Voice control, support for Amazon Alexa, Google Assistant, Tmall Genie and Xiaodu smart speakers.
- Match with RF 2.4G remote control optional.
- User need set light type by press key before Tuya APP network connection and match RF remote of the same light type.
- Each S3(WT) controller can also work as WiFi-RF converter, then use Tuya APP to control one or more RF LED controller or RF LED dimming driver synchronously.
- Light on/off fade time 3s selectable
- Connect with external push switch to achieve on/off and 0-100% dimming function.

TECHNICAL DATA

- Input voltage: 100-240V AC
- Output voltage: 100-240V AC
- Output current: 3 x 1A
- Output power: 3 x (100-240W)
- Input signal: Wi-Fi (Tuya APP) + RF 2.4GHz (Remote control) + Push Dim
- Control distance: 30m (Barrier-free space)
- Dimming level: 4096 (2^12) levels
- Dimming range: 0-100%
- PWM Frequency: 2kHz
- Operation temperature: from -30°C to +55°C
- IP degree: IP20
- Size (LxWxH): 178x150x38mm
- Weight: 136gr

Catalogue number	Model	Input voltage	Output current	Colour
195126	S3(WT)	100-240V AC	3 x 1A	White

Wiring system

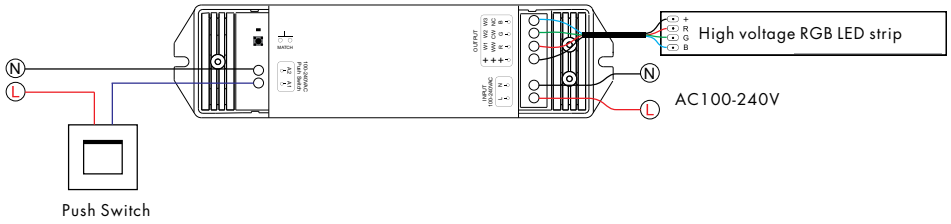


5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.

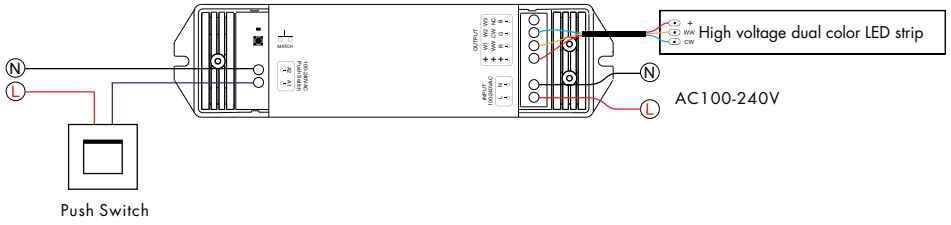
Wiring diadram

- S3(WT) for RGB



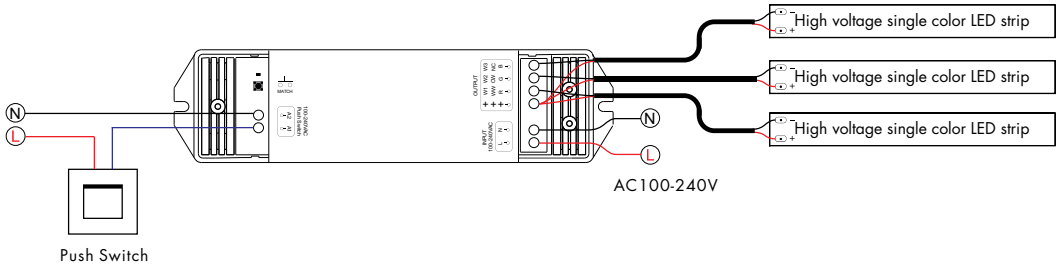
Press and hold match/set key for 12s, until the RUN LED indicator turn red, then release, the controller will become RGB type, then do smart config by tuya APP, or short press match key to match with RGB RF remote.

- S3(WT) for dual color



Press and hold match/set key for 10s, until the RUN LED indicator turn yellow, then release, the controller will become CCT type, then do smart config by tuya APP, or short press match key to match with CCT RF remote.

- S3(WT) for single color



Suitable for single color/CCT/RGB high voltage LED strips

3 in 1, 3 LED light types can be switched before controlling



Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
3 standard + 2 extended



TUYA SMART BLUETOOTH & RF 5 CHANNELS LED CONTROLLER, WB5

FEATURES:

- 5 in 1 function, used for control RGB, RGBW, RGB+CCT, color temperature or single color LED strip.
- DC power socket input and 5 channel constant voltage output
- Tuya smart APP cloud control, support on/off, RGB color, color temperature and brightness adjust, delay turn on/off light,timer run, scene edit and music play function.
- Voice control, support for Amazon Alexa, Google Assistant, Tmall Genie and Xiaodu voice assistant.
- Match with RF 2.4G remote control optional.
- User need set light type by press key before Tuya APP network connection and match RF remote of the same light type.
- Each WB5 controller can also work as Bluetooth-RF converter, then use Tuya smart APP to control one or more RF LED controller or RF LED dimming driver synchronously.
- Light on/off fade time 3s selectable

TECHNICAL DATA

- Input voltage: 12-24V DC
- Output voltage: 5 x (12-24)V DC
- Output current: 5 x 3A
- Output power: 5 x (36-72W)
- Output type: Constant voltage
- Input signal: Bluetooth (Tuya APP) + RF 2.4GHz (Remote control)
- Control distance: 30m (Barrier-free space)
- Dimming level: 4096 (2^12) levels
- Dimming range: 0-100%
- Dimming curve: Logarithmic
- PWM Frequency: 1000Hz (default)
- Operation temperature: from -30°C to +55°C
- IP degree: IP20
- Size (LxWxH): 120x43x27mm
- Weight: 55gr

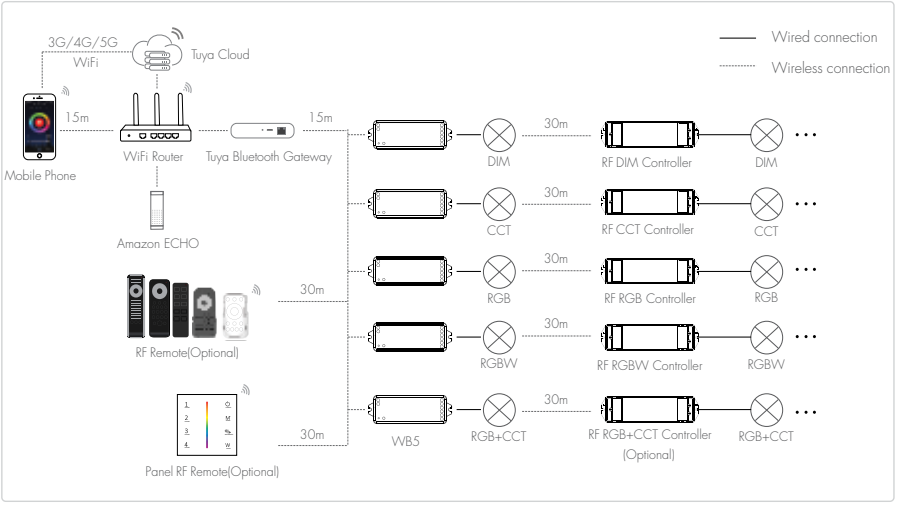
PROTECTION

- Reverse polarity
- Over-heat
- Short circuit

Catalogue number	Model	Input voltage	Output current	Colour
195127	WB5	12-24V DC	5 x 3A	White

5 YEARS TOTAL WARRANTY
+ 3 standard
2 extended

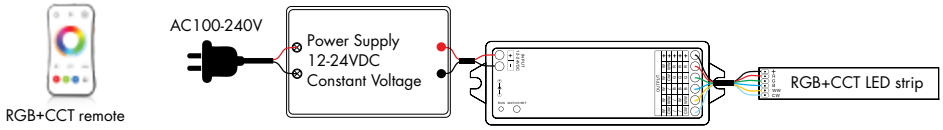
Wiring system



Scan each QR code to see product price and availability.

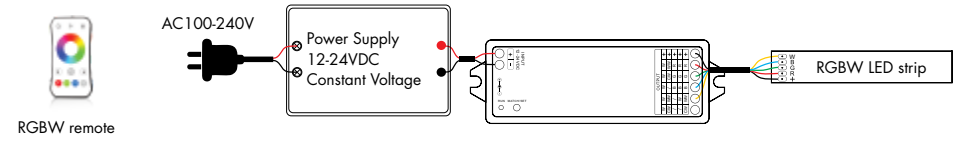
Wiring diadram

- For RGB+CCT



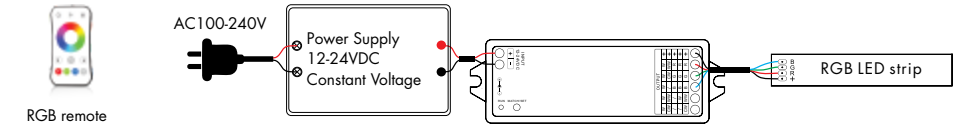
Press and hold match/set key for 16s, until the RUN LED indicator turn blue, then release, the controller will become RGB+CCT type, then do smart config by Tuya smart APP, or short press match key to match with RGB+CCT RF remote.

- For RGBW



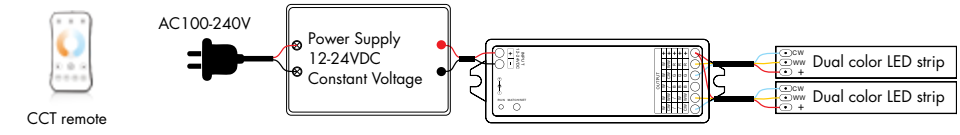
Press and hold match/set key for 14s, until the RUN LED indicator turn green, then release, the controller will become RGBW type, then do smart config by Tuya smart APP, or short press match key to match with RGBW RF remote.

- For RGB



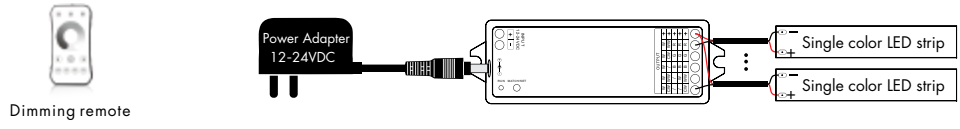
Press and hold match/set key for 12s, until the RUN LED indicator turn red, then release, the controller will become RGB type, then do smart config by Tuya smart APP, or short press match key to match with RGB RF remote.

- For dual color CCT



Press and hold match/set key for 10s, until the RUN LED indicator turn yellow, then release, the controller will become CCT type, then do smart config by tuya APP, or short press match key to match with CCT RF remote.

- For single color



Press and hold match/set key for 8s, until the RUN LED indicator turn white, then release, the controller will become DIM type, then do smart config by Tuya smart APP, or short press match key to match with dimming RF remote.

5 YEARS TOTAL WARRANTY
3 standard
2 extended

ELMARK
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SMART LIGHT CONTROL



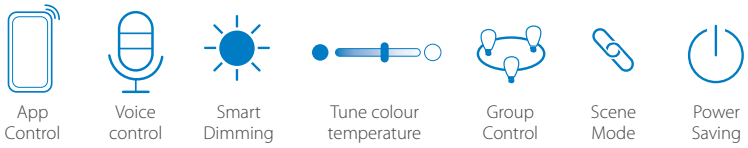
WI-FI SMART LED BULB

Smart LED bulbs are even smarter ones in home automation, and they are pretty easy to use. Simply screw the smart bulb into the lamp, pair it with your smartphone, and you will no more get up from your bed to hit the light switch.
Smart LED bulb allows you to dim and tune to different color temperature through sliding the bar on App. It has a wide brightness range that is from 2700K to 6500K, which is bright enough for almost any space for use. Works with the third-party smart assistants out there via support of Alexa and Google Home so you can control the bulb, adjust the brightness and color using your voice. The smart bulb with 9W can produce a 60-watt equivalent 806 lumens, reducing your monthly electricity bill significantly. Furthermore, it was reliable with time scheduling that makes the bulb automatically turn on and off at set time of day. The bulb also comes with eight optional preset scene modes that allow you to access instantly the ambient that you want to heighten. If you get multiple SONOFF smart LED bulbs, the group-control feature is quite convenient for you to turn on and off together, adjust all of color temperature and brightness to the same level through tapping on App.

CONTROL: From Anywhere via Smart Device or by Remote.

FUNCTION

- Remote Control: 16 million colors will make you feel relaxed and energized. Control it via your phone anywhere.
- Pick a Scene: 8 build-in modes, pick one according to your mood.
- Smart Scene: Customize scenes for your smart life, make the light ready when you open the door.
- Voice Control: Free your hands with Alexa/Google Assistant, just say out what you want.
- Rhythm Live: In the LAN, your smartphone MIC will recognize the music and up to 10 bulbs can change the colors with music rhythm, integrating the music into lighting.



Download eWeLink Application.
Full info for the products, instructions can be found at www.elmarkholding.eu

TECHNICAL DATA

- Input voltage: 220-240V AC
- Power: 9W
- Lumen: 806lm
- Colour Temp. : CCT 2700-6500K (adjustable)
- CRI: ≥Ra80
- For lamp holder: E27
- Wireless Standard: IEEE 802.11 b/g/n
- Material: PC V0
- Working humidity: 10 - 90% (non condensing)
- Work temperature: from -10 to 40°C
- Enclosure Material: PC
- Dimension (LxWxH): 60x60x112 mm

Scan and watch detailed video with all product functions.

Catalogue number	Input voltage	Power	Lumens	Colour temperature	Packing/Box (pcs)
BL05-BL-A60	220-240V AC	9W	806 lm	CCT	1/100





3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

Scan each QR code to see product price and availability.

AMBIENT LIGHT WITH WIRELESS SPEAKER



Cat. number:
99AL4015

FUNCTION

- Bluetooth sound
- TF storage card
- Ligting: 15 RGB modes

TECHNICAL DATA

- Input voltage: DC5V / 5W
- Power: 5W
- LED light: SMD 5050 x 4pcs
- Speaker: 4Ω / 3W
- Noise ratio: 75db
- Battery: 500mAh
- Transmision distance: till 25m
- Frequency response: 100Hz-20KHz
- Work time: 3h
- Material: ABS
- Colour: Black
- Size: 80x80x62mm









2 YEARS TOTAL WARRANTY
+ 2 standard
0 extended

Scan each QR code to see product price and availability.

ELMARK
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SMART LED STRIPS



SMART WIFI L2 RGB LED STRIP

RGB LED Strip L2 can be used not only for the festival decorations but also for the additional lighting. No need to bother about spending more money on rewiring. With IP65 waterproof and 30 LEDs on every 3.3 feet, you can install L2 light strips around your swimming pool to light your home up. The 3M adhesive makes your installation with ease.
More than 16 million colors and real-time synchronization provide a zestful experience for your life. The real time data of R/G/B helps you capture the light strip's status. Except for R/G/B data bars, the color palette, color circle, recent and classic color provide various selecting methods for color changing. There are 21 recommended scene modes and up to 8 DIY Scenes. L2 can sync to any playing music and dance along to rhythm and beat.
No need to worry about the disconnecting anymore, BLE control helps you better control the light strip. Voice control with Alexa and Hey Google can help free your hands. Setting a timer help you turn on/off the light strips on schedule.

CONTROL: Local or from Anywhere via Smart Device

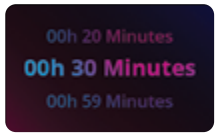
FUNCTION

- Diverse Selection Methods: Color palette, color circle, recent and classic color, various selecting ways for color changing. Enjoy the endless variations and real-time synchronization, more than 16 million colors.
- Smart scenes: 21 recommended scene modes and up to 8 DIY scenes, define your own scene to better adapt your surrounding.
- Work With The Sensor: Customize the scene and create an atmosphere when you at home.
- Adjustable Brightness/Color in Scene: Not only turns on the light at any time, but also adjust the brightness, color temperature, and color in the Scene
- IP65 Waterproof: High flexibility, feel free to cut and stick with ease. Note: WiFi Controller is non-waterproof.


Up to 16 Million Colors


21 Recommended Scenes

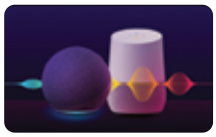

Dance with music

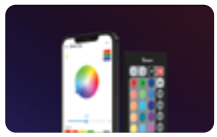


Schedule


Easy Installation


Bluetooth Control


Voice Control


Remote Control

Download eWeLink Application.
Full info for the products, instructions can be found at www.elmarkholding.eu

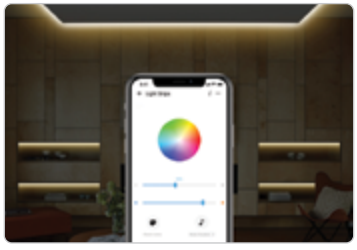
Remote-controller
24 buttons, press the one you want



eWeLink App
Schedule/Timer and more functions awaitt for you



Can be extended and controlled synchronously through the Group



3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.

THE SET INCLUDES

- LED Strip- 5m
- Remote Controller- 1pc
- Power AC Adapter- 1pc
- Controller- 1pc

LED STRIP TECHNICAL DATA

- Input voltage: 12V DC
- LED Strip Length: 5m
- LED QTY: 30 pcs/m
- Colour Temp. : RGB
- Beam angle: 140°
- Lumens: ≥300 lm/m
- Working temperature: from -10° to +50°C
- IP code: IP65

WI-FI CONTROLLER TECHNICAL DATA

- Input voltage: 5-12V DC
- Remote controller battery: 3V (CR2025)
- Power: 24W (max.36W)
- Wi-Fi: IEEE 802.11 b/g/n
- Remote controller: Infrared; 24 keys

POWER ADAPTER TECHNICAL DATA

- Input voltage: 100-240V AC
- Output voltage: 12V
- Cable length: 1.5m
- Protections: over-voltage, overload and overheat

Catalogue number	Adapter input voltage	Controller input voltage	Colour temperature	Lumens	Packing/Box (pcs)
L2Lite-5M-EU	100-240VAC	5-12V DC	RGB	300 lm	1

Scan and watch detailed video with all product functions.

IP65



3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

DIGITAL LED STRIPS



Catalogue number: 99LED988D/IP20

The main benefit comparing to analog LED strips is that you can control every section of LEDs, separately. Traditionally, it is achieved thanks to additional chips (IC) assembled directly inside the LED diode or on the digital strip board.
Each group of LEDs has an integrated circuit chip, and this integrated circuit chip controls the change of color and brightness of this group of LEDs.
When switching the power, the current passed through the LEDs, causing LEDs to light up at their default settings.
To create an effect, you need to enter a command on the controller.

SMART MUSIC TUYA DIGITAL RGB + IC LED STRIP 5M ROLL IP20, SET

CONTROL: From Anywhere via Smart Device or local via remote.

TECHNICAL DATA

- Type: Digital RGB+IC LED strip
- Input voltage: 220-240V
- LED Driver and strip voltage: 24V DC
- Colour temperature: RGB
- LED chip: SMD 5050
- LED QTY: 30LED/m
- Beam angle: 120°
- CRI>80
- LED strip length: 5m
- PCB board: 10mm single
- IP code of LED strip: IP20

THE SET INCLUDES

- 1 x LED strip 5m
- 1 x LED driver 24V/24W (1A)
- 1 x TUYA controller
- 1 x IR remote

Scan and watch detailed video with all product functions.





Timer setting

Schedule smart lights to accompany you fall asleep and wake up.



3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.

SMART MUSIC TUYA DIGITAL RGBCCT+IC LED STRIP 5M ROLL IP20, SET



Catalogue number: 99LED989D/IP20

TECHNICAL DATA

- Type: Digital RGBCCT+IC LED strip
- Input voltage: 220-240V
- LED Driver and strip voltage: 24V DC
- Colour temperature: RGB+ adjustabe white colour
- White colour lumens: 68lm/W
- LED chip: SMD 2835
- LED QTY:
  - RGB: 30LED/m
  - 3000K: 30LED/m
  - 6500: 30LED/m
- Beam angle: 120°
- CRI>80
- LED strip length: 5m
- PCB board: 12mm double
- IP code of LED strip: IP20

THE SET INCLUDES

- 1 x LED strip 5m
- 1 x LED driver 24V/24W (1A)
- 1 x TUYA controller
- 1 x IR remote

Scan and watch detailed video with all product functions.

SMART MUSIC TUYA DIGITAL RGBCCT+IC LED STRIP 2X5M ROLL IP20, SET



Catalogue number: 99LED990D/IP20

TECHNICAL DATA

- Type: Digital RGBCCT+IC LED strip
- Input voltage: 220-240V
- LED Driver and strip voltage: 24V DC
- Colour temperature: RGB+ adjustabe white colour
- White colour lumens: 68lm/W
- LED chip: SMD 2835
- LED QTY:
  - RGB: 30LED/m
  - 3000K: 30LED/m
  - 6500: 30LED/m
- Beam angle: 120°
- CRI>80
- LED strip length: 2x5m
- PCB board: 12mm double
- IP code of LED strip: IP20

THE SET INCLUDES

- 2 x LED strip 5m
- 1 x LED driver 24V/36W (1.5A)
- 1 x TUYA controller
- 1 x IR remote

Scan and watch detailed video with all product functions.

WATERPROOF SMART MUSIC TUYA DIGITAL RGBCCT+IC LED STRIP 2X5M ROLLS IP54, SET



Catalogue number: 99LED990D/IP54

TECHNICAL DATA

- Type: Digital RGBCCT+IC LED strip
- Input voltage: 220-240V
- LED Driver and strip voltage: 24V DC
- Colour temperature: RGB+ adjustabe white colour
- White colour lumens: 68lm/W
- LED chip: SMD 2835
- LED QTY:
  - RGB: 30LED/m
  - 3000K: 30LED/m
  - 6500: 30LED/m
- Beam angle: 120°
- CRI>80
- LED strip length: 2x5m
- PCB board: 12mm double
- IP code of LED strip: IP54

THE SET INCLUDES

- 2 x LED strip 5m, IP54
- 1 x LED driver 24V/36W (1.5A)
- 1 x TUYA controller
- 1 x IR remote

Scan and watch detailed video with all product functions.

3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

TUYA SMART DIGITAL MUSIC WALL LIGHTS 3 PCS, SET



Catalogue number: 99LED991/3W

CONTROL: From Anywhere via Smart Device or local via remote.

FUNCTION

- Enhanced Entertainment: These Wall connecting Ambient light gives depth of color to your home cinema in a fashionable way, making it a more spectacular entertainment system. Improve your home lighting decor for a more thrilling viewing experience
- Light Control: Multiple ways to change the color and modes of the Wall connecting Ambient light - App control and voice control, You can conveniently control the lights according to your needs.
- Wall installation: Install directly on the wall to add color to a monotonous wall. Different lighting modes can be applied to different scenes to create a variety of atmosphere, which is a perfect decoration for festivals and gatherings.

TECHNICAL DATA

- Type: TUYA smart light RGB+IC
- Input voltage: 220-240V
- LED Driver and strip voltage: 12V DC
- Colour temperature: RGB
- Power: 3x3.5W
- LED QTY: 30LED/pcs
- Beam angle: 180°
- Material: ABS+PC
- Dimension (DxH): 400x30mm

THE SET INCLUDES

- 3 x Wall lamp
- 1 x power supply
- 1 x TUYA controller

Scan and watch detailed video with all product functions.



Static/dynamic mode

Click on/off

Red light and music model

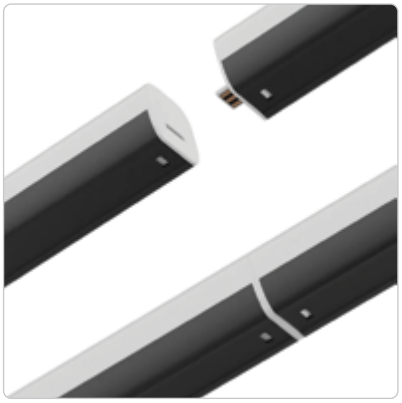
Light control is getting easier

Multiple ways to change the color and modes.



Easy wall installation

Install directly on the wall to add color to a monotonous wall.







3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

TUYA SMART DIGITAL MUSIC WALL LIGHTS 6 PCS, SET



Catalogue number: 99LED991/6W

CONTROL: From Anywhere via Smart Device or local via remote.

FUNCTION

- Enhanced Entertainment: These Wall connecting Ambient light gives depth of color to your home cinema in a fashionable way, making it a more spectacular entertainment system. Improve your home lighting decor for a more thrilling viewing experience
- Light Control: Multiple ways to change the color and modes of the Wall connecting Ambient light - App control and voice control, You can conveniently control the lights according to your needs.
- Wall installation: Install directly on the wall to add color to a monotonous wall. Different lighting modes can be applied to different scenes to create a variety of atmosphere, which is a perfect decoration for festivals and gatherings.

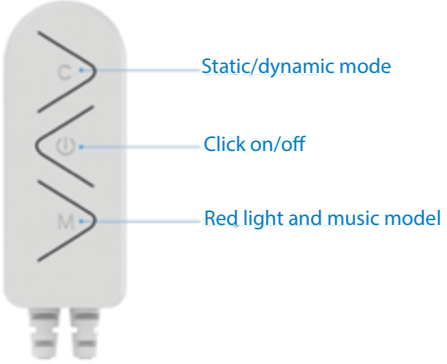
TECHNICAL DATA

- Type: TUYA smart light RGB+IC
- Input voltage: 220-240V
- LED Driver and strip voltage: 12V DC
- Colour temperature: RGB
- Power: 6x3.5W
- LED QTY: 30LED/pcs
- Beam angle: 180°
- Material: ABS+PC
- Dimension (DxH): 400x30mm

THE SET INCLUDES

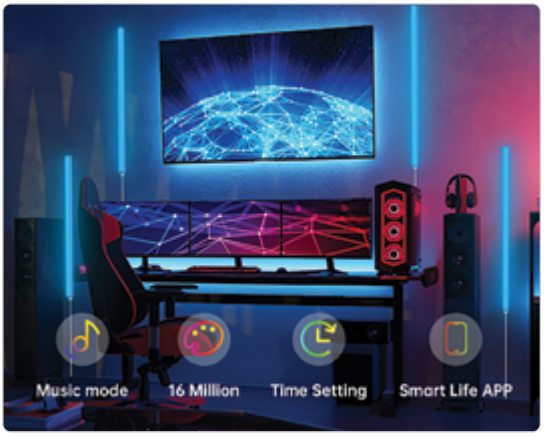
- 6 x Wall lamp
- 1 x power supply
- 1 x TUYA controller

Scan and watch detailed video with all product functions.



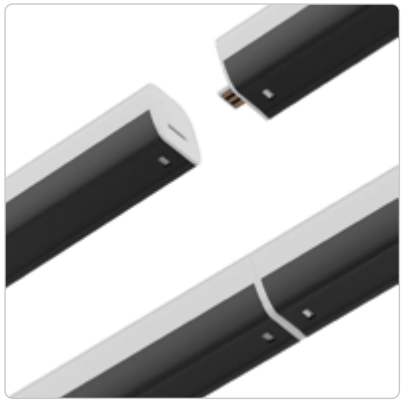
Light control is getting easier

Multiple ways to change the color and modes.



Easy wall installation

Install directly on the wall to add color to a monotonous wall.





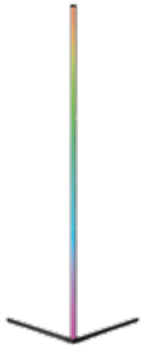


3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

3 YEARS TOTAL WARRANTY
3 standard
0 extended

TUYA SMART MUSIC DIGITAL CORNER LAMP RGB+ CCT, SET



Catalogue number: 99LED992/RGBCCT

CONTROL: From Anywhere via Smart Device or local via remote.

FUNCTION

- Light Control: Adjust the brightness, color, effect and speed parameters as needed
- Easy to Install: the smart floor Light is composed of a silicone lampshade, color LED lamp beads, aluminum strip, and detachable solid tripod.

TECHNICAL DATA

- Type: TUYA smart light RGBCCT+IC
- Input voltage: 220-240V
- LED Driver and strip voltage: 12V DC
- Colour temperature: RGB+ CCT (3000K & 6500K) adjustable
- LED Chip: SMD5050 + SMD2835
- LED QTY: 60 RGB LEDs + 60 LEDs 3000K & 6500K
- Lamp length: 1400mm
- Holder length: 400mm

THE SET INCLUDES

- 1 x Corner lamp with holder
- 1 x LED driver 12V/1A
- 1 x TUYA Bluetooth controller
- 1 x 26 key IR remote

Scan and watch detailed video with all product functions.






TUYA SMART MUSIC DIGITAL CORNER LAMP CCT, SET



Catalogue number: 99LED992/CCT

CONTROL: From Anywhere via Smart Device or local via remote.

FUNCTION

- Light Control: Adjust the brightness, color, effect and speed parameters as needed
- Easy to Install: the smart floor Light is composed of a silicone lampshade, color LED lamp beads, aluminum strip, and detachable solid tripod.

TECHNICAL DATA

- Type: TUYA smart light CCT+IC
- Input voltage: 220-240V
- LED Driver and strip voltage: 12V DC
- Colour temperature: CCT (3000K & 6500K) adjustable
- LED Chip: SMD2835
- LED QTY: 120pcs
- Lamp length: 1400mm
- Holder length: 400mm

THE SET INCLUDES

- 1 x Corner lamp with holder
- 1 x LED driver 12V/1A
- 1 x TUYA Bluetooth controller
- 1 x 24 key IR remote

Scan and watch detailed video with all product functions.





Scan each QR code to see product price and availability.

LIMITED STOCK



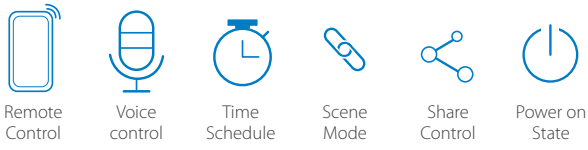
SMART RGB LED STRIP CONTROLLER WITH REMOTE

The perfect solution to control RGB LED strips with a WiFi driver compatible with the eWeLink APP and voice assistants like Google Home or Alexa.
Also includes a 24-key IR remote control. You will be able to turn on and control your strip lights anytime and anywhere and control them with a simple click on your smartphone or tablet via APP eWeLink or voice assistants, without time and distance limits. Discover all the possibilities it offers and give a touch of color to your home!

CONTROL: From Anywhere via Smart Device or by remote control.

FUNCTION

- Remote control lights on/off from anywhere
- Free iOS and Android mobile App eWeLink
- The light changes colors and rhythmically flashes to match the beat of music, bringing you into a very joyful party.
- Point your mobile device's camera to anything to capture its color, tap the screen and instantly sync the color to your light.
- Several preset lighting scenes for your choice, so that it can meet your different lighting needs with one click.
- Compatibility –Works perfectly with Amazon Alexa, Google Assistant, Google Nest, so you can control Lights With Your Voice



Full info for the products, instructions can be found at www.elmarkholding.eu

TECHNICAL DATA

- Input voltage: 5-24V
- Output Current: 2A (per way)
- Channel: maximum 4 RGB channels (way)
- Remote: 24 Key IR
- Material: ABS V0
- Size: 55x95x27 mm

Catalogue number	Input voltage	Output current	Channals	Packing/Box (pcs)
L2-C	5-12V DC	2A (per way)	4 RGB channels (way)	1/50

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

Scan each QR code to see product price and availability.

ELMARK
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BLUETOOTH MUSIC DIGITAL DESKTOP LAMPS RGB+W, SET



Catalogue number: 99LED993/RGBW

Scan and watch detailed video with all product functions.

CONTROL: Via bluetooth or remote device.

FUNCTION

- Micro USB interface: The smart atmosphere light supports multiple equipment power supply, and can be powered anywhere with a USB port, which is very convenient
- Multi-scene Mode: There are four scenes: classic, soft, dynamic, disco.
- Light Control: Two ways to change the color and modes - App control and physical button control, you can conveniently control the lights according to your need
- Music Mode: The color of the light will change with the music, allowing you to experience more interesting scenes, and let the music make life more rhythmic.

TECHNICAL DATA

- Type: Digital bluetooth lights RGBW+IC
- Input voltage: 220-240V
- Ouput voltage: 5V DC
- Colour temperature: RGB+ W (4000K)
- Power: 2x2.5W
- LED QTY: 15 RGB LEDs + 15 LEDs 4000K
- Material: ABS+PC
- Dimensions (DxH): 300x30mm

THE SET INCLUDES

- 2 x Desktop lamps
- 1 x USB cable 1m
- 1 x remote control

Add color to your desktop

Different lighting modes can be applied to different scenes to create a variety of atmosphere.



3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

Scan each QR code to see product price and availability.

WI-FI MUSIC DIGITAL DESKTOP LAMPS RGB, SET



Catalogue number: 99LED994/RGB

Scan and watch detailed video with all product functions.

CONTROL: From Anywhere via Smart Device or local via remote.

FUNCTION

- Micro USB interface: The smart atmosphere light supports multiple equipment power supply, and can be powered anywhere with a USB port, which is very convenient
- Multi-scene Mode: There are four scenes: classic, soft, dynamic, disco.
- Light Control: Two ways to change the color and modes - App control and physical button control, you can conveniently control the lights according to your need
- Music Mode: The color of the light will change with the music, allowing you to experience more interesting scenes, and let the music make life more rhythmic.

TECHNICAL DATA

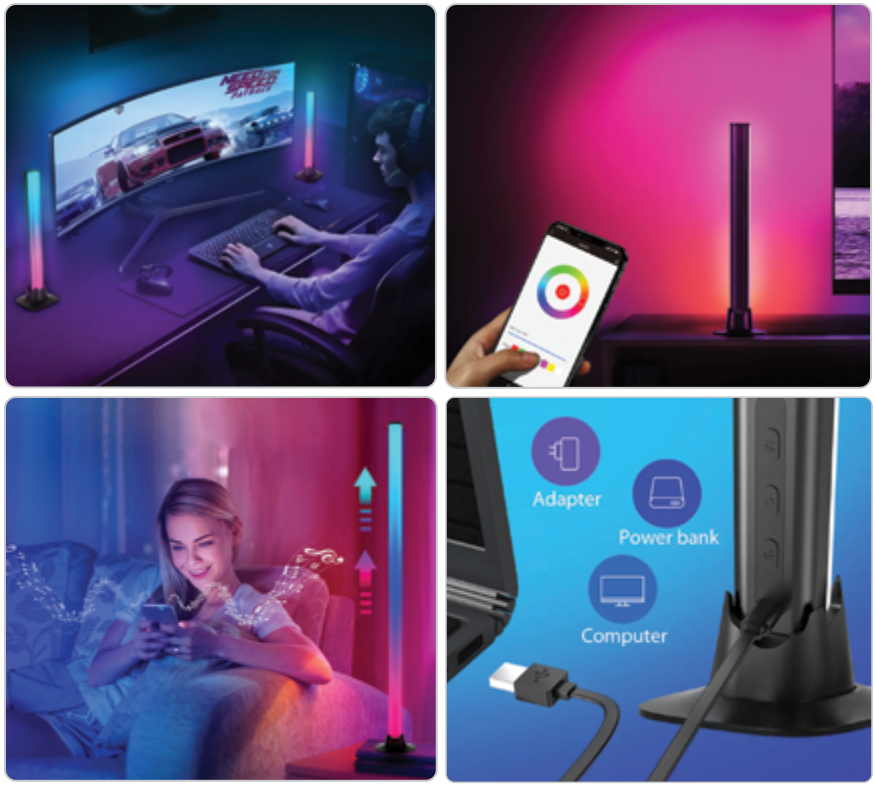
- Type: Digital bluetooth lights RGBW+IC
- Input voltage: 220-240V
- Ouput voltage: 5V DC
- Colour temperature: RGB
- Power: 2x4W
- LED QTY: 30 pcs
- Material: ALU+PC
- Dimensions (DxH): 550x30mm

THE SET INCLUDES

- 2 x Desktop lamps
- 1 x USB cable 1m
- 1 x remote control

Add color to your desktop

Different lighting modes can be applied to different scenes to create a variety of atmosphere.



3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

BLUETOOTH SMART LED STRIPS

LIMITED STOCK





BLUETOOTH SMART RGB LED STRIP LIGHT WITH MUSIC/SOUND CONTROL, SET

CONTROL: With Smart Device via Bluetooth or by Remote.

FUNCTION

- DIY mode: 16 million colours, adjustable speed and brightness let your creativity run wild. Create your own dynamic interior lighting effects in the Lotus Lantern app and also share them with the community.
- Static colour: 8
- Microphone: Built-in high sensitivity microphone. The colours will sync with music or any sound captured by mic
- ON/OFF On Schedule: Free your hands, set your daily routine.
- Music modes: 4
- Music sensitivity: Adjustable
- Brightness: Adjustable.

TECHNICAL DATA

- Input voltage: 5-24V DC
- LED Strip Length: 4x220mm
- LED QTY: 4x12pcs
- Colour: Multicolour

THE SET INCLUDES

- USB connector
- Car Charger
- 20 keys remote control
- Bluetooth controller
- 4 strip lights with 12 LED,s and length 220mm

Dowload Lotus Lantern APP. Full info for the products, instructions can be found at www.elmarkholding.eu

Remote Control | Music Sync | Bluetooth Control | Scene Scene

Scan and watch detailed video with all product functions.

Catalogue number	Input voltage	Output current	Packing/Box (pcs)
99LED985S	5-24V DC	5A	1

3 YEARS TOTAL WARRANTY
3 standard + 0 extended

LIMITED STOCK



BLUETOOTH SMART LED STRIP LIGHT WITH MUSIC/SOUND CONTROL, SET

CONTROL: With Smart Device via Bluetooth or by Remote.

FUNCTION

- DIY mode: adjustable speed and brightness let your creativity run wild. Create your own dynamic interior lighting effects in the Lotus Lantern app and also share them with the community.
- Static colour: 8
- Microphone: Built-in high sensitivity microphone. The colours will sync with music or any sound captured by mic
- ON/OFF On Schedule: Free your hands, set your daily routine.
- Music modes: 4
- Music sensitivity: Adjustable
- Brightness: Adjustable.

TECHNICAL DATA

- Input voltage: 100-240V AC 50/60Hz
- LED Strip Length: 2x5m
- LED QTY: 60pcs/m
- Colour: Multicolour
- IP65

THE SET INCLUDES

- 2 rolls-10 meters with 300LEDs strip
- 40 keys remote control
- Adapter 100-240V to 12V/6A
- Bluetooth controller

Dowload Lotus Lantern APP. Full info for the products, instructions can be found at www.elmarkholding.eu

Remote Control | Music Sync | Bluetooth Control | Scene Scene

Scan and watch detailed video with all product functions.

Catalogue number	Input voltage	Output current	Ingress Protection	Packing/Box (pcs)
99LED987S	100-240V AC	12V/ 6A	IP65	1

Scan each QR code to see product price and availability.

LIMITED STOCK

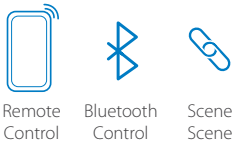


BLUETOOTH 5V TV LED STRIP, SET

CONTROL: With Smart Device via Bluetooth or by Remote.

FUNCTION

- Control: via remote
- DIY mode: adjustable speed and brightness let your creativity run wild.
- Static colour: 8
- Brightness: Adjustable



Dowload Lotus Lantern APP. Full info for the products, instructions can be found at www.elmarkholding.eu

TECHNICAL DATA

- Input voltage: 5V
- LED Strip Length: 3m
- Colour: Multicolour

THE SET INCLUDES

- 3 meters USB Bluetooth TV strip with 90LEDS
- 24 keys remote control
- USB cable
- Bluetooth controller

Scan and watch detailed video with all product functions.

Catalogue number	Input voltage	Output current	Packing/Box (pcs)
99LED986S	5V	5A	1



3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

REMOTE CONTROL SWITCHES

Cable-less connection

The remote devices for lighting control work through sending a frequent signal from the key to the receiver, which commands the connected to it lighting bodies. The installation of the key can be done in a standard round bracket as the advantage of this product is that there is no additional requirement for wiring from it towards the receiver. Thanks to this the product is widely used in premises with build in installations where there is no ability for adding the additional cable layouts and expenses for their building are reserved. The connection between the key and the receiver is through a frequent signal in the range -315Mhz – 433.92 Mhz.



ONE WAY REMOTE CONTROL SWITCH SURFACE MOUNTING

Catalogue number	Description	Battery	Operating distance in open air (m)	Output power (per way) ESL/ LED lamp	Incandescent lamp	Packing/ Box (pcs)
99101	One way output power	12V 23A	50	200W	600W	1/60



TWO WAYS REMOTE CONTROL SWITCH SURFACE MOUNTING

Catalogue number	Description	Battery	Operating distance in open air (m)	Output power (per way) ESL/ LED lamp	Incandescent lamp	Packing/ Box (pcs)
99102	Two ways output power	12V 23A	50	200W	600W	1/60



THREE WAYS REMOTE CONTROL SWITCH SURFACE MOUNTING

Catalogue number	Description	Battery	Operating distance in open air (m)	Output power (per way) ESL/ LED lamp	Incandescent lamp	Packing/ Box (pcs)
99103	Three ways output power	12V 23A	50	200W	600W	1/60



TWO WAYS REMOTE CONTROL SWITCH WITH LED LAMPS SURFACE MOUNTING

Catalogue number	Description	Battery	Operating distance in open air (m)	Output power (per way) ESL/ LED lamp	Incandescent lamp	Packing/ Box (pcs)
99104	Three ways output power - 2xE27	12V 23A	50	150W	400W	1/60

2 YEARS TOTAL WARRANTY
2 standard
0 extended

Scan each QR code to see product price and availability.

SMART & SECURITY CAMERAS



ELMARK
The Brand of Electricity

SMART CAMERAS

LIMITED STOCK



Catalogue number: S-CAM

INDOOR WIRELESS SMART CAMERA

CAM Slim smart home security camera offers 1080P HD resolution, night vision, motion detection & alarm to keep your home in a secure environment, day and night. Start recording as an executive action, CAM Slim starts recording as soon as the door opens to supervise your bedroom with eWeLink Camera Plan(subscription sold separately). RTSP protocol allows you to view the monitoring screen on your PC with eWeLink Camera Plan(subscription sold separately). Two-way audio always lets you communicate with pets, and family anywhere, anytime. CAM Slim supports max. 256G Micro SD card storage and mass cloud storage. Flexible and Easy Design provides you with many installation method choices, like magnetic mount, stick, and screw mount, you can also mount on tripods that screw 1/4 inch.

CONTROL: From Anywhere via Smart Device.

FUNCTION

- Trigger Event Recording by Sensor: The sensor device triggers the recording of CAM Slim, such as SNZB-03 motion sensor, starts recording when detected the motion.
- Motion Detection & Alarm: Alarm in your setting effective period, avoid frequent alarms in the low peak periods.
- RTSP Settings: RTSP protocol allows you to view the monitoring screen on your PC.
- Two-way Audio: Respond to your family, and visitors anytime, anywhere.
- Scene Linkage with SONOFF Device: Scene Linkage with DUALR3 smart switch, alarm when the garage door opens to scare away thieves.
- Local & Cloud Storage: You can choose to save and share video with a free 30-day trial cloud storage of the Camera Plan or locally saved with SD card (sold separately).

HD						RTSP	TF
1080P HD Images	Two-way Audio	IR Night Vision	Motion Detection	Activity Alert	360° Viewing Angle	RTSP Protocol	TF Card Supperted

Download IPC360 Application.
Full info for the products, instructions, can be found at www.elmarkholding.eu

TECHNICAL DATA

- Input: 5V/1A Type C
- Resolution: 1080P
- Lens Aperture: F2.3
- Material: ABS
- Video Compression Standard: H.264
- Wi-Fi: IEEE 802.11 b/g/n 2.4GHz
- Work temperature: from -10 to 40°C
- Viewing Angle: 130°
- Storage: TF card (Max. 256G) not included.
- Dimension (LxH): 53x91 mm

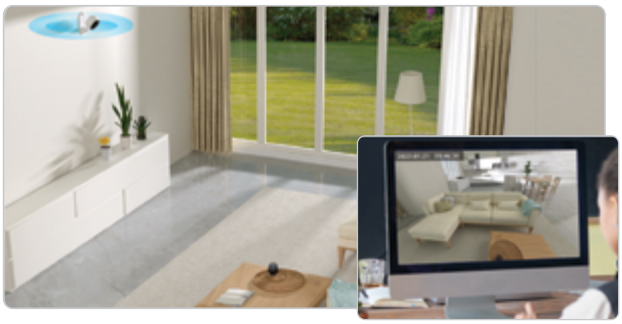
Note: Wi-Fi IP security camera come without adapter. Power input Type C

Scan and watch detailed video with all product functions.



View monitoring screen on PC

RTSP protocol allows you to view the monitoring screen on your PC



3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.

LIMITED STOCK



Catalogue number: GK-200MP2-B

INDOOR WIRELESS IP SECURITY CAMERA

Wireless IP Security Camera offers outstanding full HD 1080P resolution and 340° wide monitoring angles to keep your home in a secure environment, day or night. Features IR night vision, motion detection and instant motion alert and two-way audio which always gets you to know what's going on in your home anywhere, anytime. Supports max. 128G TF card to store your more precious memory. Plus, Wi-Fi and Ethernet network connection are available.

CONTROL: From Anywhere via Smart Device.

FUNCTION

- Patrolling Without Blind Spot: Complete 340° coverage ensures each corner is visible.
- Two-Way Audio: View and communicate with your family anytime, anywhere.
- Motion Detection Alerts: An alarm notification will be pushed to your phone once someone is detected.
- Compatible With NVR Devices: Enable RTSP protocol on App to connect your NVR devices and the camera.
- Trigger Event Recording by Sensor: With eWeLink Camera Plan(subscription sold separately), the sensor device triggers the recording of camera, such as DW2-WiFi door/window sensor, starts recording when detected the motion
- Local & Cloud Storage: You can choose to save and share video with a free 30-day trial cloud storage of the Camera Plan or locally saved with SD card (sold separately).

HD						RTSP	TF
1080P HD Images	Two-way Audio	IR Night Vision	Motion Detection	Activity Alert	360° Viewing Angle	RTSP Protocol	TF Card Supperted

Download eWeLink Application.
Full info for the products, instructions can be found at www.elmarkholding.eu

Scan and watch detailed video with all product functions.

TECHNICAL DATA

- Input: 5V/1A
- Resolution: 1080P
- Lens Aperture: F1.2
- Material: ABS
- Video Compression Standard: H.264
- Wi-Fi: IEEE 802.11 b/g/n 2.4GHz
- Work temperature: from 0 to 55°C
- Viewing Angle: 340° horizontal / 120° vertical
- Storage: TF card (Max. 128G) not included.
- Dimension (LxWxH): 109x109x120 mm

ADAPTERS FOR GK-200MP2-B:



EU Standard
Cat. number: TPF-DE



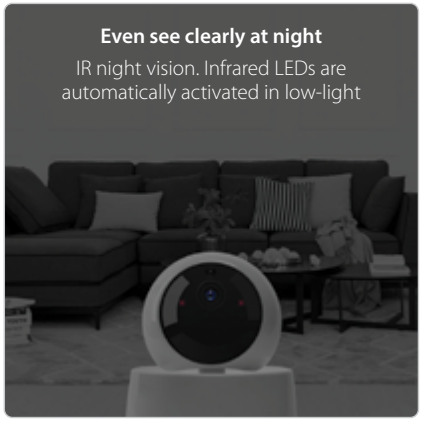
UK Standard
Cat. number: TPG-UK

*** The adapters are not included, please purchase them separately.**

Monitoring without blind spot
Complete 360° coverage ensures every corner is visible



Even see clearly at night
IR night vision. Infrared LEDs are automatically activated in low-light



3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity



Catalogue number: 195045

INDOOR TUYA SMART WI-FI CAMERA, EL-Q05C

CONTROL: From Anywhere via Smart Device.

FUNCTION

- Control is done from anywhere with IOS or Android mobile application
- Human and motion detection: with AI humanoid detection function, can reduces false alarms caused by leaves, insects or other object
- Smart sound detection: When sound is detected by the camera, the notification will be send immediately through the APP. Baby crying sound detection
- Full color night vision, day and night mode automatic switching, support IR distance of 10 meters
- Real time email alert: If the camera detect humanoid movements, camera will send you an alarm message notification. You can know that someone is approaching your home anytime, anywhere
- Pan-tilt control: The camera can provide 90° vertical and 355° horizontal rotation range. Controlling the camera via TUYA APP.
- Support micro SD card max 128 GB and 7 days free cloud storage.
- Two-Way Audio, allows you to listen and speak through the camera.
- P2P remote access and multi-user, you can view the real-time situation of your home view the real-time situation of your home anytime and anywhere with your smartphone or tablet.
- Multiple installation methods: Place it on wall or on the ceiling.

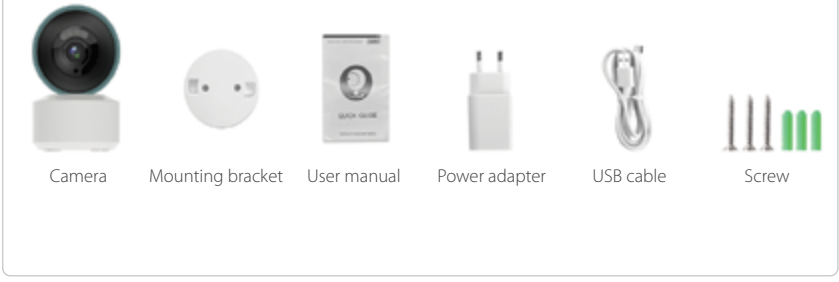
TECHNICAL DATA

- Input voltage: DC5V/1A. Can be powered with USB cable
- IR Range: Up to 10 meters
- Resolution: 1920x1080 (2MP)
- Lens aperture: F2.0
- Battery type: 18650 rechargeable
- Wi-Fi: IEEE 802.11 b/g/n 2.4GHz

Download TUYA Smart Application.
Full info for the products, instructions, can be found at www.elmarkholding.eu

3 YEARS TOTAL WARRANTY
3 standard
0 extended

What 's in the box?



SD Card & Cloud Storage

Supports micro SD cards with up to 128Gb storage capacity and 7 days free cloud storage.



Full colour night vision

Automatically adjust the intensity of the infrared LED's, get more details captured within 10 meters.



Pan-Tilt Control

The camera can provide 90° vertical and 355° horizontal rotation range. Controling the camera via the Tuya APP.



Two-Way Audio Intercom

Keep in touch with your home through the Mic and speacker.



Scan each QR code to see product price and availability.



Catalogue number: 195046

INDOOR TUYA SMART WI-FI CAMERA, EL-Q502B

CONTROL: From Anywhere via Smart Device.

FUNCTION

- Control is done from anywhere with IOS or Android mobile application
- Human and motion detection: with AI humanoid detection function, can reduces false alarms caused by leaves, insects or other object
- Smart sound detection: When sound is detected by the camera, the notification will be send immediately through te APP. Baby crying sound detection
- Full color night vision, day and night mode automatic switching, support IR distance of 10 meters
- Real time email alert: If the camera detect humanoid movements, camera will send you an alarm message notification. You can know that someone is approaching your home anytime, anywhere
- Pan-tilt control: The camera can provide 90° vertical and 355° horizontal rotation range. Controlling the camera via TUYA APP.
- Support micro SD card max 128 GB and 7 days free cloud storage.
- Two-Way Audio, allows you to listen and speak through the camera.
- P2P remote access and multi-user, you can view the real-time situation of your home view the real-time situation of your home anytime and anywhere with your smartphone or tablet.
- Multiple installation methods: Place it on wall or on the ceiling

TECHNICAL DATA

- Input voltage: DC5V/1A. Can be powered with USB cable
- IR Range: Up to 10 meters
- Resolution: 1920x1080 (2MP)
- Lens aperture: F2.0
- Battery type: 18650 rechargeable
- Wi-Fi: IEEE 802.11 b/g/n 2.4GHz



Enhanced Night Vision



Two-Way Audio Intercom



Human and motion detection



Pan-Tilt control



Multiple instalation methods



3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.

LIMITED STOCK



Catalogue number: 195052

INDOOR WIRELESS SMART CAMERA

CONTROL: From Anywhere via Smart Device.

FUNCTION

- Control is done from anywhere with IOS or Android mobil application
- Different view settings
- Support TF recording & Cloud storage
- Two-way voice communication
- Motion detection voice alarm & save alarm video
- Detailed alarm sector setting
- Sending images
- Night vision

TECHNICAL DATA

- Input voltage: 100-240VAC
- Output voltage: 5V
- Cover range: 50m
- View angle: 360°
- Effective pixel: HD 1080P

Remote Control | HD 1080P HD Images | Two-way Audio | IR Night Vision | Motion Detection | Activity Alert

Download IPC360 Application.
Full info for the products, instructions, can be found at www.elmarkholding.eu

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

LIMITED STOCK



Catalogue number: 195067

WIRELESS SMART CAMERA

CONTROL: From Anywhere via Smart Device.

FUNCTION

- Control is done from anywhere with IOS or Android mobile application
- Support TF recording & Cloud storage
- Two-way voice communication
- Motion detection alarm
- Detailed alarm sector setting
- Sending images
- Night vision

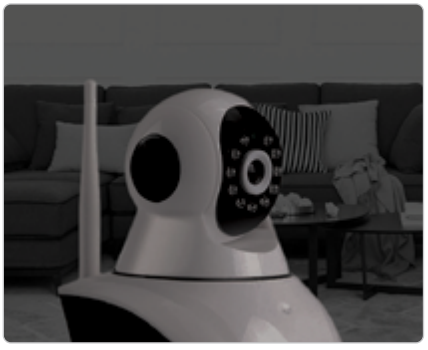
TECHNICAL DATA

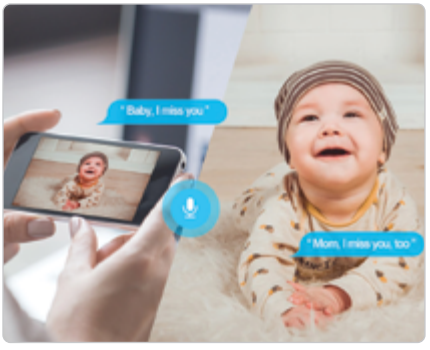
- Input voltage: 100-240VAC
- Output voltage: 5V, 1A
- Speaker: 8Ω 1W
- Field of view: H.86° (355°)/V.64°(90°)
- Resolution: 1280×720(1.0MP)
- Wireless Frequency: 2.4GHz~2.4835 GHz

Remote Control | HD 1080P HD Images | Two-way Audio | IR Night Vision | Motion Detection | Activity Alert

Even see clearly at night
Night vision mode

Two-way audio
See, listen and talk, anytime, anywhere





Scan each QR code to see product price and availability.

LIMITED STOCK



Catalogue number: 195068

INDOOR WIRELESS SMART CAMERA

CONTROL: From Anywhere via Smart Device.

FUNCTION

- Control is done from anywhere with IOS or Android mobile application
- Support TF recording & Cloud storage
- Two-way voice communication
- Motion detection alarm
- High quality videos
- Night vision
- Sending images

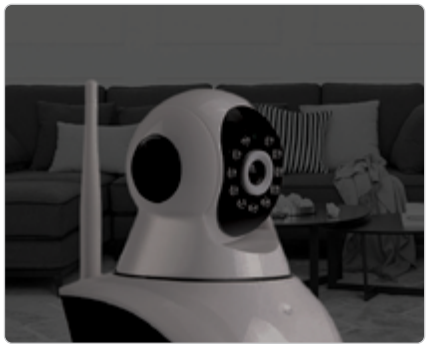
TECHNICAL DATA

- Input voltage: 100-240VAC
- Output voltage: 5V, 2A
- Speaker: 8Ω 1W
- Field of view: H.86° (355°)/V.64°(90°)
- Resolution: 1920×1080(2.0MP)
- Wireless Frequency: 2.4GHz~2.4835 GHz

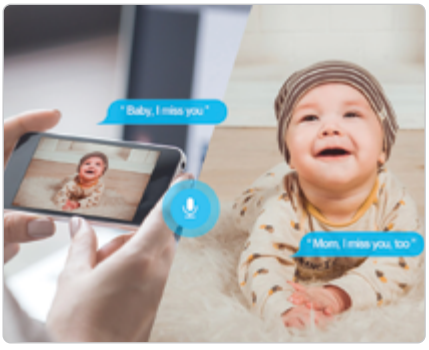
Download IPC360 Application.
Full info for the products, instructions, can be found at www.elmarkholding.eu

Remote Control | HD 1080P HD Images | Two-way Audio | IR Night Vision | Motion Detection | Activity Alert

Even see clearly at night
Night vision mode



Two-way audio
See, listen and talk, anytime, anywhere



3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity



Catalogue number: 195044

Scan and watch detailed video with all product functions.

2MP OUTDOOR IP66 TUYA SMART WI-FI PTZ CAMERA FOR LAMPHOLDER E27, EL-Q501A

CONTROL: From Anywhere via Smart Device.

FUNCTION

- Control is done from anywhere with IOS or Android mobile application
- Remote PTZ control: Easily remotely control bulb camera to rotate 355° horizontally and 90° vertically ot the APP
- Full colour night vision: With IR and white light, can switch between black and white and colour night vision at will, even at night, can see as clear as day
- Easy to install: Use E27 standard base, no wiring
- Auto tracking: High sensitivity motion detection, when somebody move, the camera automatically track the human body
- Motion detection alarm: When the bulb camera detect moving object, it will push notification to your smartphone real time and turn on the white light
- Sound detection alarm: When the camera detect abnormal sound, it will push alert notification to your smartphone real time and turn on the white light
- Two-way audio: It more convenient for you to communicate with your family, allowing you to video and voice
- Cloud & SD card storage

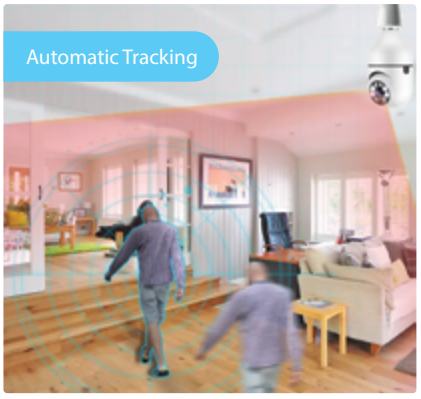
TECHNICAL DATA

- Input voltage: 110-240VAC
- Resolution: 1080P (1280×720), VGA (640×480)
- Image Sensor: 1/4" Progressive Scan CMOS
- Min. Illumination: 0.02 Lux @(2.0,AGC ON), 0Lux with IR
- Day/Night: Auto (ICR), full color night vision
- Focal length: 3.6mm
- Pan/Tilt: Pan: 355°, Tilt: 90°
- Audio: Built-in 1ch Mic, Built-in Speaker
- SD card storage: up to 128G
- Security: User authentication, software encryption
- Wi-Fi: IEEE 802.11 b/g/n 2.4GHz
- Application: TUYA
- IP code: IP66

Download TUYA Smart Application.
Full info for the products, instructions, can be found at www.elmarkholding.eu









3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.



Catalogue number: 195043

Scan and watch detailed video with all product functions.

2MP OUTDOOR IP66 TUYA SMART WI-FI PTZ CAMERA, EL-Q202

CONTROL: From Anywhere via Smart Device.

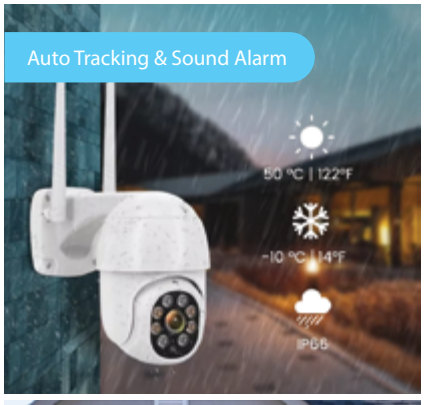
FUNCTION

- Control is done from anywhere with IOS or Android mobile application
- Automatic tracking and sound alarm, When somebody move,the wifi camera automatically track the body
- AI Humanoid and motion detection, Support Email alarm, app alarm push and alarm snapshot
- Full color night vision, day and night mode automatic switching, support IR distance of 15 meters
- Convenient remote PTZ control, this camera can rotate 355 degrees horizontally and rotate 90 degrees vertically
- Support SD card max 128 GB and cloud recording, data security is more stable
- Two-Way Audio, allows you to listen and speak through the camera, you can better understand the details that are happening around your house
- P2P remote access and multi-user, you can view the real-time situation of your home anytime and anywhere with your smartphone or tablet

TECHNICAL DATA

- Power supply: 12V DC
- Resolution: 1920x1080 (2MP)
- Image Sensor: 1/3" Progressive Scan CMOS
- Day/Night: Auto(ICR)/Night/Day
- Focal length: 3.6mm
- Angle of view: 90°
- Pan/Tilt: Pan: 355°, Tilt: 90°
- Audio: Built-in 1ch Mic, Built-in Speaker
- Audio Compression: G711U
- Video Compression: H.264/H.265
- Network Interface: RJ45
- SD card storage: up to 128G
- Wi-Fi: IEEE 802.11 b/g/n 2.4GHz
- Application: TUYA
- IP code: IP66
- Body material: PVC

Download TUYA Smart Application.
Full info for the products, instructions, can be found at www.elmarkholding.eu









3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.



Catalogue number: 195042

Scan and watch detailed video with all product functions.

5MP OUTDOOR IP66 TUYA SMART WI-FI PTZ CAMERA, EL-Q205A

CONTROL: From Anywhere via Smart Device.

FUNCTION

- Control is done from anywhere with IOS or Android mobile application
- Automatic tracking and sound alarm, When somebody move,the wifi camera automatically track the body
- AI Humanoid and motion detection, Support Email alarm, app alarm push and alarm snapshot
- Full color night vision, day and night mode automatic switching, support IR distance of 15 meters
- Convenient remote PTZ control, this camera can rotate 355 degrees horizontally and rotate 90 degrees vertically
- Support SD card max 128 GB and cloud recording, data security is more stable
- Two-Way Audio, allows you to listen and speak through the camera, you can better understand the details that are happening around your house
- P2P remote access and multi-user, you can view the real-time situation of your home anytime and anywhere with your smartphone or tablet

TECHNICAL DATA

- Power supply: 12V DC / 3A
- Resolution: 2592x1920 (5MP)
- Image Sensor: 1/3" Progressive Scan CMOS
- Day/Night: Auto(ICR)/Night/Day
- Focal length: 3.6mm
- Angle of view: 90°
- Pan/Tilt: Pan: 355°, Tilt: 90°
- Audio: Built-in 1ch Mic, Built-in Speaker
- Audio Compression: G711U
- Video Compression: H.264/H.265
- Network Interface: RJ45
- SD card storage: up to 128G
- Wi-Fi: IEEE 802.11 b/g/n 2.4GHz
- Application: TUYA
- IP code: IP66
- Body material: PVC

Download TUYA Smart Application.
Full info for the products, instructions, can be found at www.elmarkholding.eu









3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.



Catalogue number: 195041

Scan and watch detailed video with all product functions.

5MP 20X OPTICAL ZOOM OUTDOOR IP66 TUYA SMART WI-FI PTZ CAMERA, EL-Q205A

CONTROL: From Anywhere via Smart Device.

FUNCTION

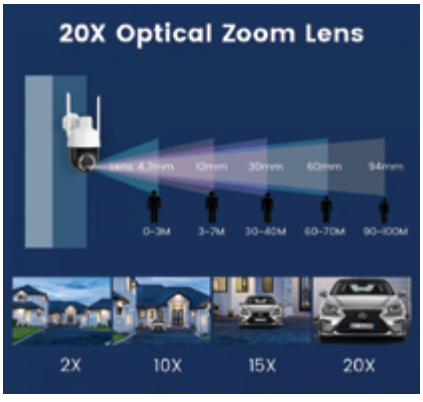
- Control is done from anywhere with IOS or Android mobile application
- 20 x optical zoom lens: 4,7-94mm focal length. The smartphone can remotely control the zoom out of screen. Distant details clearly visible trough zoom in and out
- Automatic tracking and sound alarm, When somebody move,the wifi camera automatically track the body
- AI Humanoid and motion detection, Support Email alarm, app alarm push and alarm snapshot
- Full color night vision, day and night mode automatic switching, support IR distance of 150 meters
- Smart dual light colour night vision: 6 IR light + 4white lights
- Convenient remote PTZ control, this camera can rotate 355 degrees horizontally and rotate 90 degrees vertically
- Support SD card max 128 GB and cloud recording, data security is more stable
- Two-Way Audio, allows you to listen and speak through the camera, you can better understand the details that are happening around your house
- P2P remote access and multi-user, you can view the real-time situation of your home anytime and anywhere with your smartphone or tablet
- Wide temperature range protect even in the rain, snow or wond weather (from -30°C to +60°C)

TECHNICAL DATA

- Power supply: 12V DC / 3A
- Resolution: 2592x1920 (5MP)
- Image Sensor: 1/2.8" Progressive Scan CMOS
- Day/Night: Auto(ICR), full color night vision, built-in
- Focal length: 4.7-84.6mm
- Optical zoom: 20X
- Angle of view: 90°
- Pan/Tilt: Pan: Pan: 0°- 360°(endless) and rotate speed 0°/s - 30°/s, Tilt: 0° - 90° (Auto flip) and rotate speed 0°/s - 40°/s
- Preset: 128
- Audio: Built-in 1ch Mic, Built-in Speaker
- Audio Compression: G711U
- Video Compression: H.264/H.265
- Frame rate: 18 fts
- Network Interface: RJ45
- SD card storage: up to 128G
- Wi-Fi: IEEE 802.11 b/g/n 2.4GHz
- IP code: IP66
- Ambient temperature: from -30°C to +60°C
- Body material: Metal + PVC

Download TUYA Smart Application.
Full info for the products, instructions, can be found at www.elmarkholding.eu









Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

OUTDOOR TUYA SMART WI-FI CAMERA WITH BUILT-IN BATTERY, IP66



Li-ion

Catalogue number: 195048

Scan and watch detailed video with all product functions.

CONTROL: From Anywhere via Smart Device.

FUNCTION

- Control is done from anywhere with IOS or Android mobile application
- With PIR motion sensor, PIR human body detection wake up camera
- Built-in rechargeable lithium battery with long battery life functions for up to 6 months
- Compatible with Android and IOS smart terminals to support remote real-time monitoring
- Support cloud storage, Micro SD card (up to 128GB) and mobile video recording
- Full color night vision, 15m night vision distance, 24 hours all day monitoring
- Two-Way Audio, allows you to listen and speak through the camera.
- P2P remote access and multi-user, you can view the real-time situation of your home anytime and anywhere with your smartphone or tablet.

Download TUYA Smart Application.
Full info for the products, instructions, can be found at www.elmarkholding.eu

TECHNICAL DATA

- Input voltage: DC5V/2A. Can be powered with USB cable
- IR Range: Up to 15 meters
- Resolution: 1920x1080 (2MP)
- Sensor: 2.0MP 1/2.9" CMOS Sensor
- Focal length: 3.6mm
- Illumination: Minimum illumination black and white: 0.01 Lux
- Angle of view: 130°
- Compression: H.264
- Battery capacity: 2x2600mAh
- Battery type: 18650 rechargeable
- PIR motion distance: 3-8m
- SD card storage: up to 128G
- Night vision distance: 10m
- Wi-Fi: IEEE 802.11 b/g/n 2.4GHz
- IP code: IP66
- Material: ABS
- PIR motion distance: 3-8m
- SD card storage: up to 128G
- Night vision distance: 10m
- Wi-Fi: IEEE 802.11 b/g/n 2.4GHz
- IP code: IP66
- Material: ABS

12 Core Functions
Low-Power Battery Camera



IP66 Dustproof & Waterproof
It can resist rainy, sunny and snowy weather.





3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

OUTDOOR TUYA SMART WI-FI SOLAR CAMERA IP66



Li-ion

Catalogue number: 195047

Scan and watch detailed video with all product functions.

CONTROL: From Anywhere via Smart Device.

FUNCTION

- Control is done from anywhere with IOS or Android mobile application
- With PIR motion sensor, PIR human body detection wake up camera
- Built-in rechargeable lithium battery with long battery life functions for up to 6 months
- Compatible with Android and IOS smart terminals to support remote real-time monitoring
- Support cloud storage, Micro SD card (up to 128GB) and mobile video recording
- Full color night vision, 10m night vision distance, 24 hours all day monitoring
- Two-Way Audio, allows you to listen and speak through the camera.
- P2P remote access and multi-user, you can view the real-time situation of your home anytime and anywhere with your smartphone or tablet.

TECHNICAL DATA

- Input voltage: DC5V/2A. Can be powered by solar panel or with USB cable
- HD 2K Resolution
- IR Range: Up to 10 meters
- Resolution: 1920x1080 (2MP)
- Focal length: 2.8mm
- Angle of view: 120°
- Compression: H.264
- Battery capacity: 2x2600mAh
- Battery type: 18650 rechargeable
- Standby Consumption: 0.5mA
- Work Consumption: 200mA
- SD card storage: up to 128G
- Night vision distance: 10m
- Wi-Fi: IEEE 802.11 b/g/n 2.4GHz
- IP code: IP66
- Material: ABS

Download TUYA Smart Application.
Full info for the products, instructions, can be found at www.elmarkholding.eu

3MP Solar Battery Camera
365 Day protect your home.



100% Wireless Non-Stop Power
Powered by a solar panel or a USB cable.



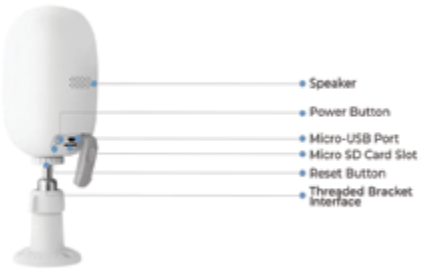
PIR Motion Detection



Full Color Night Vision







3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended



Catalogue number: 195040

Scan and watch detailed video with all product functions.

3MP OUTDOOR IP66 TUYA SMART WI-FI PTZ SOLAR CAMERA, EL-Q703D

CONTROL: From Anywhere via Smart Device.

FUNCTION

- Control is done from anywhere with IOS or Android mobile application
- Solar powered 100% wire free camera
- Smart PIR Motion Detection Alarm
- Wake up quickly and steadily capture all human movements, greatly reduce false alarms caused by rain and insects, etc.
- Smart dual light colour night vision: 2 IR light + 4white lights with 3 modes of night vision Color, IR, Auto Night Vision.
- Convenient remote PTZ control, this camera can rotate 355 degrees horizontally and rotate 90 degrees vertically
- Support SD card max 128 GB and cloud recording, data security is more stable
- Two-Way Audio, allows you to listen and speak through the camera, you can better understand the details that are happening around your house
- Wide temperature range protect even in the rain or snow from -10°C to +60°C

TECHNICAL DATA

- Input voltage: 5V DC
- Solar panel power: 7,5W
- Battery capacity: 7800mAh
- Standby power: 0,03W
- Operating power: Max. 3W
- Resolution: 2048×1536 (3MP)
- Image Sensor: 1/2.9" Progressive Scan CMOS
- Day/Night: 3 modes- Colour, IR, Auto night vision
- IR & Wight LED Range: up to 30m
- Focal length: 4mm@F1.6
- Angle of view: 115°
- Pan/Tilt: Pan: 355°; Tilt: 90°
- Audio: Built-in 1ch Mic, Built-in Speaker
- Video Compression: H.264/H.265
- Frame rate: 15 fts
- SD card storage: up to 128G
- Wi-Fi: IEEE 802.11 b/g/n 2.4GHz
- Application: TUYA
- IP code: IP66
- Ambient temperature: from -10°C to +60°C
- Body material: ABS

Download TUYA Smart Application.
Full info for the products, instructions, can be found at www.elmarkholding.eu

3 YEARS TOTAL WARRANTY
3 standard + 0 extended

100% Wireless Non-Stop Power	PIR Motion Detection	Full Color Night Vision
		

Scan each QR code to see product price and availability.



Catalogue number: 195039

Scan and watch detailed video with all product functions.

3MP OUTDOOR IP66 TUYA SMART 4G PTZ SOLAR CAMERA, EL-Q703F

CONTROL: From Anywhere via Smart Device.

FUNCTION

- Control is done from anywhere with IOS or Android mobile application
- Solar powered 100% wire free camera
- Smart PIR Motion Detection Alarm
- Wake up quickly and steadily capture all human movements, greatly reduce false alarms caused by rain and insects, etc.
- Smart dual light colour night vision: 2 IR light + 4white lights with 3 modes of night vision Color, IR, Auto Night Vision.
- Convenient remote PTZ control, this camera can rotate 355 degrees horizontally and rotate 90 degrees vertically
- Support SD card max 128 GB and cloud recording, data security is more stable
- Two-Way Audio, allows you to listen and speak through the camera, you can better understand the details that are happening around your house
- Wide temperature range protect even in the rain or snow from -10°C to +60°C

TECHNICAL DATA

- Input voltage: 5V DC
- Solar panel power: 7,5W
- Battery capacity: 7800mAh
- Standby power: 0,03W
- Operating power: Max. 3W
- Resolution: 2048×1536 (3MP)
- Image Sensor: 1/2.9" Progressive Scan CMOS
- Day/Night: 3 modes- Colour, IR, Auto night vision
- IR & Wight LED Range: up to 30m
- Focal length: 4mm@F1.6
- Angle of view: 115°
- Pan/Tilt: Pan: 355°; Tilt: 90°
- Audio: Built-in 1ch Mic, Built-in Speaker
- Video Compression: H.264/H.265
- Frame rate: 15 fts
- SD card storage: up to 128G
- Wi-Fi: IEEE 802.11 b/g/n 2.4GHz
- Application: TUYA
- IP code: IP66
- Ambient temperature: from -10°C to +60°C
- Body material: ABS

Download TUYA Smart Application.
Full info for the products, instructions, can be found at www.elmarkholding.eu

3 YEARS TOTAL WARRANTY
3 standard + 0 extended

100% Wireless Non-Stop Power



PIR Motion Detection



Full Color Night Vision



Scan each QR code to see product price and availability.

LIMITED STOCK



Catalogue number: 195054

HD 2MP BULLET CAMERA IP66

CAMERA TECHNICAL DATA

- IR Distance: up to 20m
- Image Sensor: 1/2.9" progressive CMOS
- Signal system: PAL/NTSC
- Frame Rate: AHD/TVI/CVI: P/25fps N/30fps/ CVBS: 960H
- Resolution: 2MP 1920(H)×1080(V)
- Lens: 3.6mm
- Day & Night: IR cut filter: 850nm
- Synchronization: internal
- Dwdr: support
- Communication: Up the coax, protocol

MENU

- AGC: yes
- Day/Night Mode: EXT/auto/color/black and white)
- White balance: auto/manual
- BLC: yes
- S/N ratio: 40dB
- OSD: support

INTERFACE

- Video Output: 1-channel BNC video output
- Switch Button: AHD/TVI/CVI/CVBS

LIMITED STOCK



Catalogue number: 195055

HD 2MP DOME CAMERA IP66

CAMERA TECHNICAL DATA

- IR Distance: up to 15m
- Image Sensor: 1/2.9" progressive CMOS
- Signal system: PAL/NTSC
- Frame Rate: AHD/TVI/CVI: P/25fps N/30fps/ CVBS: 960H
- Resolution: 2MP 1920(H)×1080(V)
- Lens: 3.6mm
- Day & Night: IR cut filter: 850nm
- Synchronization: internal
- Dwdr: support
- Communication: Up the coax, protocol

MENU

- AGC: yes
- Day/Night Mode: EXT/auto/color/black and white)
- White balance: auto/manual
- BLC: yes
- S/N ratio: 40dB
- OSD: support

INTERFACE

- Video Output: 1-channel BNC video output
- Switch Button: AHD/TVI/CVI/CVBS

LIMITED STOCK



Catalogue number: 195069

4 CHANNEL WI-FI NETWORK VIDEO RECORDERS+4 CAMERA, SET

CONTROL: From Anywhere via Smart Device.

NVR TECHNICAL DATA

- Compression format: H.265+
- Operation system: Linux- embedded
- Video-input: 4*1080P
- Audio compression: G.711A
- Display resolution: Max 1080P
- Record resolution: Analog : 1080P
- Access bandwidth: 24Mbps
- Forwarding bandwidth: 24Mbps
- Maximum decode performance: 4x1080P
- Recording mode: Manual>Alarm>Dynamic Detection>Timing
- Network interface: 1*RJ45 10M/100M Adaptive Ethernet port+4ch WIFI
- HDD interface: 1SATA, up to 8TB for each disk- not included

CAMERA TECHNICAL DATA

- IR Distance: 20-30m
- Sensor: progressive scan
- Low illumination: Color: 0.1 Lux; B/W: 0.01 Lux
- Effective pixel: HD 1080P
- Video compression: H.265+
- Lens: HD 3.6mm
- Day & Night: IR cut filter with auto switch
- Power supply: DC12V 1A
- Consumption: max 6W
- IP66

Remote Control | Share control | LAN Control

3 YEARS TOTAL WARRANTY
3 standard
+ 0 extended

Scan each QR code to see product price and availability.

LIMITED STOCK

4 CHANNEL DIGITAL VIDEO RECORDERS



Catalogue number: 195060

TECHNICAL DATA

- Channels: 4
- Compression format: H.265
- Video system: NTSC/PAL
- Operation system: Linux- embedded
- Analog video-input /output: 4CH inputs / VGA and HDMI output
- IP Video Input: 2ch (only IP up to 6ch)
- Composite video input: up to 6ch (Analog video + IP video)
- Audio input /output: 1CH input /1CH output(RCA)
- Display resolution: Analog: 1080N/720P/960H, IP:1080P/720P
- Display feature: single/Quad/S.E.Q.
- Record resolution: Analog: 1080N/720P/960H, IP:1080P/720P
- Maximum input bandwidth: 8Mbps~16Mbps (default is 8Mbps, decrease one Analog channel can increase 4Mbps)
- Maximum output bandwidth: 16Mbps
- Maximum decode performance: 1080N:140fps
- Recording mode: Continuous/Manual/ Motion detect
- Network type: Lan, DHCP, and DDNS
- HDD interface: 1SATA HDD, up to 6TB
- Multiplex operation: live display, record, playback, backup and network
- USB: 2xUSB(for mouse and backup/upgrade)
- PTZ control: yes (RS485)
- Mobile surveillance: Support Mobile Phones based on iPhone and Android operation system
- VGA/HDMI: 1024*768,1280*1024,1440*900, 1920*1080
- Power supply: DC 12V/2A
- Dimension(WxDxH): 300x227x53mm
- Working temperature: -10°C~+55°C
- Working humidity: 10%~90%

LIMITED STOCK

8 CHANNEL DIGITAL VIDEO RECORDERS



Catalogue number: 195061

TECHNICAL DATA

- Channels: 8
- Compression format: H.265
- Video system: NTSC/PAL
- Operation system: Linux- embedded
- Analog video-input /output: 8CH inputs / VGA and HDMI output
- IP Video Input: 4ch (only IP up to 12ch)
- Composite video input: up to 12ch (Analog video + IP video)
- Audio input /output: 1CH input /1CH output(RCA)
- Display resolution: Analog: 1080N/720P/960H, IP:1080P/720P
- Display feature: 1/4/6/8/9/10/13/14S.E.Q.
- Record resolution: Analog: 1080N/720P/960H, IP:1080P/720P
- Maximum input bandwidth: 16Mbps~32Mbps (default is 8Mbps, decrease one Analog channel can increase 4Mbps)
- Maximum output bandwidth: 32Mbps
- Maximum decode performance: 1080N:120fps
- Recording mode: Continuous/Manual/ Motion detect
- Network type: Lan, DHCP, and DDNS
- HDD interface: 1SATA HDD, up to 6TB
- Multiplex operation: live display, record, playback, backup and network
- USB: 2xUSB(for mouse and backup/upgrade)
- PTZ control: yes (RS485)
- Mobile surveillance: Support Mobile Phones based on iPhone and Android operation system
- VGA/HDMI: 1024*768,1280*1024,1440*900, 1920*1080
- Power supply: DC 12V/2A
- Dimension(WxDxH): 300x227x53mm
- Working temperature: -10°C~+55°C
- Working humidity: 10%~90%

LIMITED STOCK

DVR AND CAMERA ACCESSORIES- BNC CABLE



BNC video and power security camera cable. Suitable just for camera with DC power and supply DC power for security cameras.
Plug and play connectors on both ends.
It is used for CCTV cameras, DVRs, audio video systems.Compatible with all CCTV surveillance DVR camera system.

Catalogue number	Description	Length (m)	Packing/Box (pcs)
195064	BNC cable	18.29	1

3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.

VIDEO DOOR SYSTEMS



WIRELESS & VIDEO DOOR PHONES



Catalogue number: 195081

WIRELESS AND VIDEO DOOR PHONE, FOUR WIRE

When someone presses the call button on the outdoor unit, the indoor unit will ring and the mobile phone will get a notification, open the APP, you will get the video image immediately. You can unlock the door strike remotely by APP, or unlock by the indoor unit.

CONTROL: From Anywhere via Smart Device or via touch screen devices.

FUNCTION

- Video recording & photo taking
- Free iOS and Android mobile App Tuya
- Outdoor unit: password, IC card and fingerprint unlock
- Night vision

Download Tuya Application.
Full info for the products, instructions, can be found at www.elmarkholding.eu.

HD 1080P HD | Intercom | Smart Linkage | IC card Unlock | Fingerprint Unlock | Password Unlock | Night Vision | Monitoring | App Based

TECHNICAL DATA

- Input voltage: 100-240V AC
- Output: 12 V DC / 1-2A
- Power consumption indoor unit:
  - Static state: < 4W
  - Working state: < 8W
- Power consumption outdoor unit:
  - Static state: < 0.5W
  - Working state: < 6W
- Screen resolution: 1024x600 / 1080P
- Camera pixels: 2 million / 1080P
- Volume: ≥ 75dB (0.3m)
- Application: Tuya app
- Material: ABS V0
- Operation temperature: from -10 to 50°C
- Operation humidity: 10 - 90%
- Dimensions indoor unit (LxWxH): 215 x 18 x152 mm
- Dimensions outdoor unit (LxWxH): 75 x 37 x 197 mm

Scan and watch detailed video with all product functions.

Fingerprint Unlock
Semiconductor fingerprint recognition improves reliability and efficiency



Weatherproof
Suitable for outdoor use



Night vision camera
Capture clear image even at night



3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity



Catalogue number: 195085

WIFI SMART VIDEO INTERCOM DOORBELL SYSTEMS, ONE UNIT WITH THREE BUTTONS AND THREE MONITORS

When someone presses the call button on the outdoor unit, the indoor unit will ring and the mobile phone will get a notification, open the APP, you will get the video image immediately. You can unloock the door strike remotely by APP, or unlock by the indoor unit.

CONTROL: From Anywhere via Smart Device or via touch screen devices.

FUNCTION

- AHD, 3 families
- Tuya APP remote control
- 7 inch screen,
- Screen resolution 1024*600
- 1080P camera
- 4-wire connection between the outdoor station and monitor
- Hand free indoor monitor
- Water-proof, anti-oxidation and anti-vandal outdoor unit.
- Electric-lock releasing function; it can open 2 doors
- Outdoor monitoring function
- Outdoor unit tags reader function
- 16 ringtones for option
- Adjustable chroma, brightness, ringing and talking volume. Enclosed with bracket, screws, adapter for DIY installation

Download Tuya Application.
Full info for the products, instructions, can be found at www.elmarkholding.eu.

See, hear and speak to visitors from anywhere





TECHNICAL DATA

- Input voltage: 100-240V AC
- Output: 12 V DC / 1-2A
- Wire: 4
- Power consumption indoor unit:
  - Static state: < 3.5W
  - Working state: < 8W
- Power consumption outdoor unit:
  - Static state: < 1W
  - Working state: < 5W
- Screen resolution: 1024x800 / 1080P
- Camera pixels: 2 million / 1080P
- Volume: ≥ 75dB (0.3m)
- Application: Tuya app
- Material: ABS V0
- Operation temperature: from -10 to 50°C
- Operation humidity: 10 - 90%
- Dimensions indoor unit (LxWxH): 215 x 18 x152 mm
- Dimensions outdoor unit (LxWxH): 75 x 37 x 197 mm

Scan and watch detailed video with all product functions.

Way to unlock
- Quick access with ID card
- Concern for elderly and kids



Weatherproof
Suitable for outdoor use



Night vision camera
Capture clear image even at night



3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.



Catalogue number: 195082

SMART PHOTO DOORBELL CAMERA WITH WIRELESS CHIME, TUYA

When someone presses the call button on the outdoor unit, the indoor unit will ring and the mobile phone will get a notification, open the APP.

CONTROL: From Anywhere via Smart Device.

FUNCTION

- Motion- and ring-triggered smart phone notifications with recorded images.
- See visitors' photo via mobile phone from any place.
- Free Cloud storage, view the photos for 3*24 hours for free.
- Work as a normal door chime when smart phone is not nearby or turned off.
- Night vision camera, resolution is 640 x 480.
- Motion detection sensitivity adjustable, motion detection Range is 3m and 70°.
- Camera viewing angle is around 70°.
- Powered by 3xLR6 batteries (not included) for easy installation.
- Bluetooth network configuration.
- Waterproof: IPX4.

Download Tuya Application.
Full info for the products, instructions, can be found at www.elmarkholding.eu.

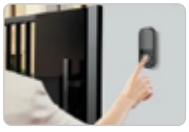
Scan and watch detailed video with all product functions.



Wi-Fi Connection | Bluetooth Connection | Free cloud Storage | Image Capture | Motion Alert

Ring Alert | Night Vision | Waterproof | AA Battery | Ultra Thin Design

Two ways to activate



Ring Alert



Motion Alert



See who is at your front door from your smartphone



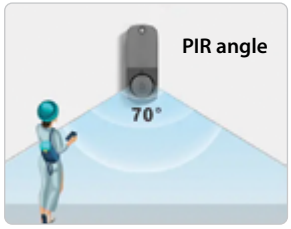
Get notified in your home when guest arrives

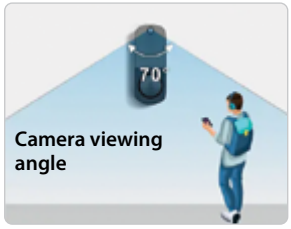
DOORBELL TECHNICAL DATA

- Battery: DC 4.5V AA/LR6 x 3
- Wireless distance: ≤ 80m (open area)
- PIR angle: 70°
- Camera viewing angle: 70°
- Camera pixels: 350 000
- Waterproof rating: IP45
- Operation temperature: from -20 to 50°C
- Operation humidity: 10 - 90%
- Dimensions outdoor unit (LxWxH): 51 x 20 x 126 mm

CHIME TECHNICAL DATA

- Battery: DC 4.5V AA/LR6 x 3
- Wireless distance: ≤ 80m (open area)
- Standby average current: < 200uA
- Operating average current: < 100mA
- Volume: Low 60-70dB / Medium 70-80dB / High 80-90dB
- Operation temperature: from -10 to 50°C
- Dimensions indoor unit (LxWxH): 78 x 30 x 78 mm

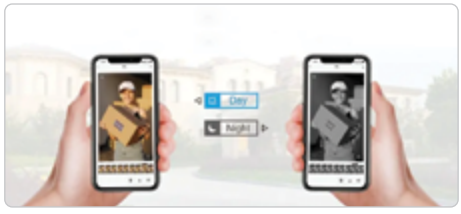




Weatherproof
Suitable for outdoor use



Night vision
Doorbell camera sends motion-photos to your phone



AA Rated & Powered
Powered by three AA batteries for both - camera and indoor chime



3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity



Catalogue number: 195083

SMART WIRELESS VIDEO DOORBELL, TUYA

When someone presses the call button on the outdoor unit, the indoor unit will ring and the mobile phone will get a notification, open the APP.

CONTROL: From Anywhere via Smart Device.

FUNCTION

- When the visitor pressed the doorbell, the indoor unit will give an alert tone.
- PIR detection: When someone is near the door, the doorbell will be woken up
- Two- way audio
- High volume wireless indoor chime
- Long time standby
- Night vision camera, resolution is 640 x 480.
- Motion detection sensitivity adjustable, motion detection range is 3m and 110°.
- Camera viewing angle is around 110°.
- Waterproof: IPX4.

Download Tuya Application.
Full info for the products, instructions, can be found at www.elmarkholding.eu.



Wi-Fi Connection | Smartphone control | Motion Detection | Image Capture | Video Recording | HD Lens
1080P HD | Two-way Intercom | Door Chime | Wide Angle | Night Vision | TF Card

DOORBELL TECHNICAL DATA

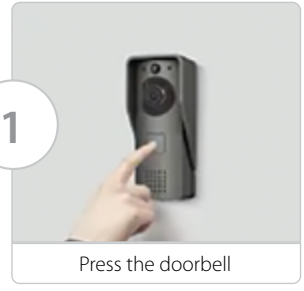
- Video resolution: 2M Pixels
- Wireless distance: ≤ 80m (open area)
- PIR angle: 110°
- Camera viewing angle: 110°
- Video recording length: 15 sec
- Standby current: 1.5mA
- Intercom volume: 80dB
- Alarm volume: 85dB
- Waterproof rating: IP45
- Operation temperature: from -10 to 50°C
- Operation humidity: 10 - 90%
- Dimensions outdoor unit (LxWxH): 56.8x40.5x159.5 mm

CHIME TECHNICAL DATA

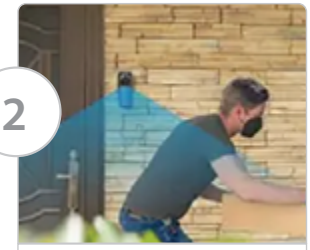
- Battery: DC 4.5V AA/LR6 x 3
- Wireless distance: ≤ 80m (open area)
- Standby average current: < 0.25mA
- Operating average current: < 100mA
- Volume: > 85dB
- Operation temperature: from -10 to 50°C
- Dimensions indoor unit (LxWxH): 65x29.5x95 mm

Scan and watch detailed video with all product functions.

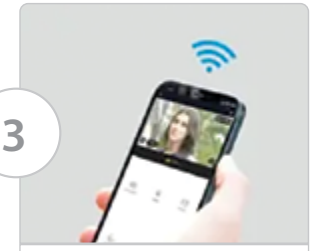
Three ways to activate



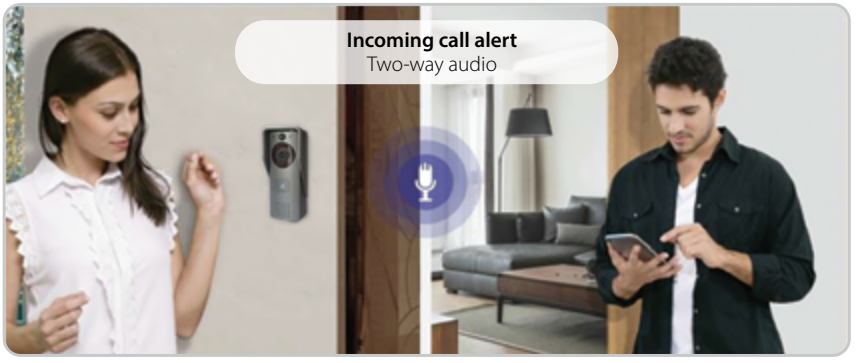
Press the doorbell



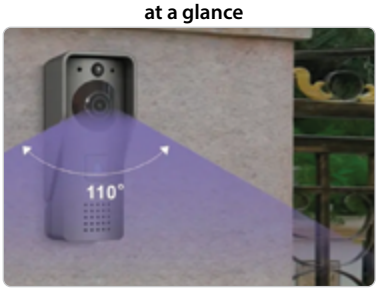
PIR detection



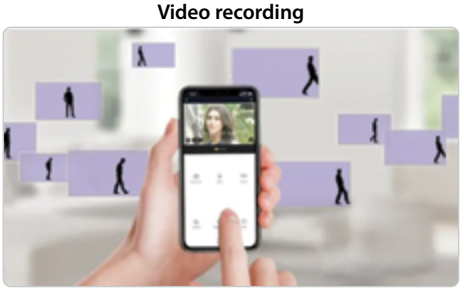
APP



Wide-angle view outside the door at a glance



Screen snapshot, Video recording



3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

SOLAR VIDEO SMART WIRELESS DOORBELL, TUYA



When someone presses the call button on the outdoor unit, the indoor unit will ring and the mobile phone will get a notification, open the APP.

CONTROL: From Anywhere via Smart Device.

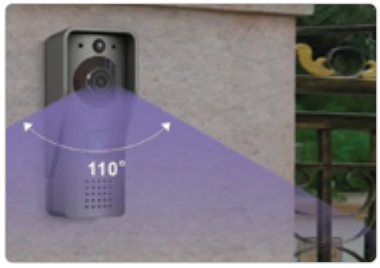
FUNCTION

- 1080P camera resolution, 110°in horizontal viewing angle
- See and speak to visitors via smart mobile APP from any place
- Work as a normal door chime when smart phone is not nearby or turned off
- Built-in Lithium batteries. Not limited by the outdoor power supply.
- Built-in motion sensor triggers mobile alerts
- Take photos by smart mobile via APP
- Video Recording : support TF card recording (max :64GB)
- Built-in night vision to capture activity around the door at night
- IP44 weatherproof.

Download Tuya Application.
Full info for the products, instructions, can be found at www.elmarkholding.eu.

Catalogue number: 195084

Wide-angle view outside the door at a glance



Wi-Fi Connection · Smartphone control · Remote Unlock · Motion Detection · Image Capture · Video Recording · HD Lens

1080P HD · Two-way Intercom · Door Chime · Wide Angle · Night Vision · TF Card

Screen snapshot, Video recording



DOORBELL TECHNICAL DATA

- Support solar power supply
- Video resolution: 2M Pixels
- Wireless distance: ≤ 80m (open area)
- PIR angle: 110°
- Camera viewing angle: 110°
- Video recording length: 15 sec
- Standby current: 1.5mA
- Intercom volume: 80dB
- Alarm volume: 85dB
- Waterproof rating: IP45
- Operation temperature: from -10 to 50°C
- Operation humidity: 10 - 90%
- Dimensions outdoor unit (LxWxH): 56.8 x 40.5 x 159.5 mm / Dimensions solar panel(LxWxH): 153x 10 x 139 mm

CHIME TECHNICAL DATA

- Battery: DC 4.5V AA/LR6 x 3
- Wireless distance: ≤ 80m (open area)
- Standby average current: < 200uA
- Operating average current: < 100mA
- Volume: Low 60-70dB / Medium 70-80dB / High 80-90dB
- Operation temperature: from -10 to 50°C
- Dimensions indoor unit (LxWxH): 78x30x78 mm

Scan and watch detailed video with all product functions.

Equipped with high volume wireless indoor chime



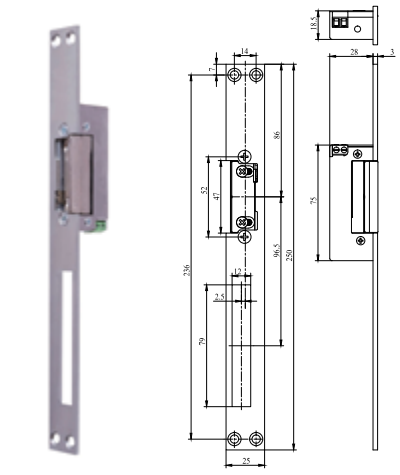
Smart tamper alarm



PIR detection



3 YEARS TOTAL WARRANTY
3 standard + 0 extended



Cat. Number: M160132

ELECTROMAGNETIC STRIKE PLATES 6-12V AC/DC

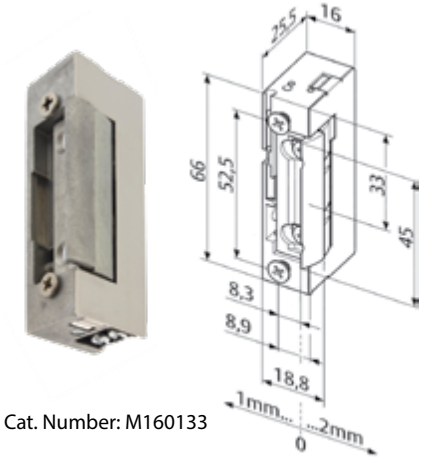
APPLICATION
For remote open left and right hand doors.

FEATURES

- Universal- without specific direction of opening.
- Adjustable tongue with movement 4 mm.
- Supply voltage: 6-12V AC/DC
- Fail secure- with mechanical release lever
- Compatible with 12V intercom system
- Strike plate from Zink finished steel

THE SET INCLUDES

- 1 Electromagnetic Strike
- 1 Front plate
- Fasteners



Cat. Number: M160133

ELECTROMAGNETIC STRIKE PLATES 8-16V AC/DC

APPLICATION
For remote open left and right hand doors.

FEATURES

- Universal- without specific direction of opening.
- Adjustable tongue with movement 3 mm.
- Supply voltage: 8-16V AC/DC
- Compatible with 12V intercom system
- Universal without memory and block.
- NC contact (Fail secure): remains locked in the absence of voltage.
- Strike plate from Zink finished steel

THE SET INCLUDES

- 1 Electromagnetic Strike
- 1 Front plate
- Fasteners



Cat. Number: 196005

SMART SECURITY DOUBLE CYLINDER RIM DOOR LOCK EL-ERSP2, WHITE

A Rim Lock is the oldest type of locking device for a door. Its basic design comprises a surface mounted box containing a deadbolt type of lock and a latch. Rim locks are easy to fit as they are fixed to the surface of the door.

FEATURES

- High-quality components
- Double connected cylinders
- With strike plate
- Can be connected Access Control System
- Suitable for: Metal door, wooden door, Stainless steel door.

TECHNICAL DATA

- Type: Security smart double cylinder rim door lock 12V DC
- Model: EL-ERSP2
- Locking method: Collision lock
- Input voltage: 12V DC
- Unlock voltage: 6-15V
- Unlock current: 1.5-3A
- Sensitivity: 1s
- Mechanical life: 500 000 times
- Material: Iron
- Surface treatment: Power Spraying, Electroplating
- Mounting: Surface mounting on the inside of the door
- Dimensions (LxWxH): 122x105x35mm





Cylinder
Copper solid mechanical lock core, can withstand wear and tear, and has a long service life.



Lock structure
Fixed circlip, smart anti-theft, high elasticity spring, thickened lever, security and peace of mind.

3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.

SMART DOOR LOCKS



ELMARK
The Brand of Electricity

SMART DOOR LOCKS



FINGERPRINT ELECTRONIC SMART DOOR LOCK EL-T1

EL-T1 is smart digital door lock with small size and 5 ways to unlock- fingerprint, password, card, key and APP via Bluetooth.

CONTROL: Local

FEATURES

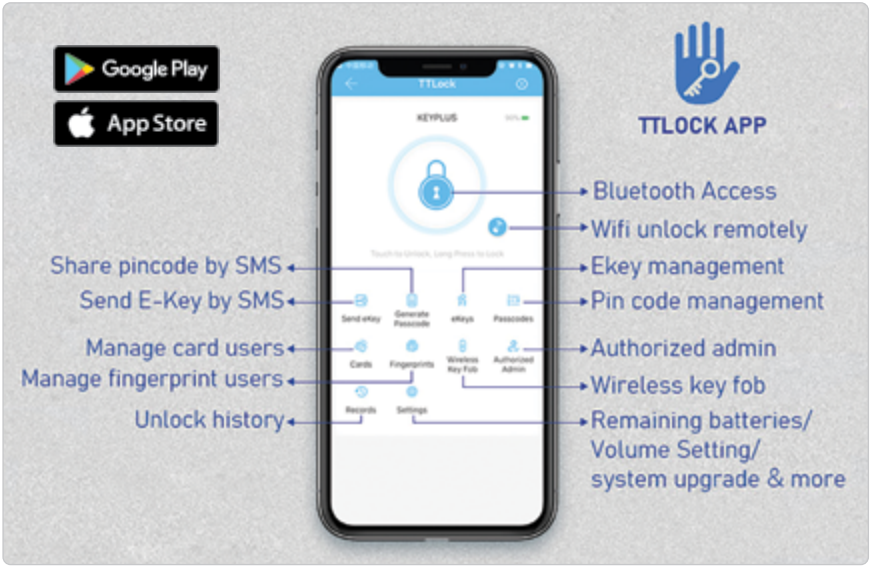
- Small size
- Multiple ways to unlock: fingerprint, code, card, mechanical key, mobile APP
- Stylish and simple design
- High sensitive fingerprint
- Anti-pry alarm
- Light indicator: Indicate the smart lock status and help to find at night.
- Anti-copy encrypted card: Intelligent encryption IC card recognition, easy to manage, high security against copying.
- Powerful inner core: high- performance chip, more accurate running speed algorithm.

Multiple ways to unlock | Voice control | High sensitive fingerprint | Anti-pry alarm | USB emergency interface | Virtual password

Download TTLOCK Application.
Full info for the products, instructions, can be found at www.elmarkholding.eu

Remotely unlock by mobile APP

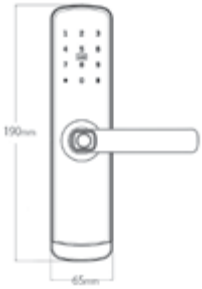
With powerful mobile app functions



3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.





TECHNICAL DATA

- Material: Aluminum alloy
- Power supply: 4x1.5V AAA batteries- Not included
- Charging input: Micro USB
- Suitable mortise: ST-5050
- Alert voltage: 4.8V
- Static currency: 65 uA
- Induction time: ≤ 0.5s
- False reject rate: ≤ 0.01%
- False acceptance rate: ≤0.0001%
- Fingerprint capacity: 100
- Password capacity: 50
- Card capacity: 100
- Password length: 6-12 digits
- Door thickness: 30-120mm
- Dimensions (LxH): 65x190mm

THE SET INCLUDES:

- Smart door lock: 1pc
- IC card: 3pcs
- Mechanical keys: 2pcs

Catalogue number	Fingerprint capacity	Password capacity	Card capacity	Door thickness	Suitable mortise	Packing/Box (pcs)
195011	100	50	100	30-120mm	5050	1

Scan and watch detailed video with all product functions.

Anti-copy encrypted card

Intelligent encryption IC card recognition, easy to manage, high security against copying.



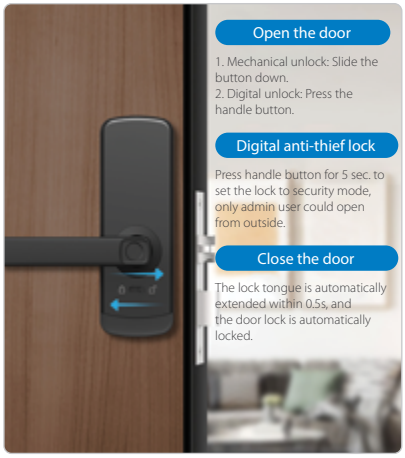
Full auto lock body

Automatic lock body, with built-in motor more convenient and safer.



Two ways to open the door

Digital anti-thief lock



3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity



FINGERPRINT ELECTRONIC SMART DOOR LOCK EL-T2

EL-T2 is smart digital door lock with small size and 5 ways to unlock- fingerprint, password, card, key and APP via Bluetooth.

CONTROL: Local

FEATURES

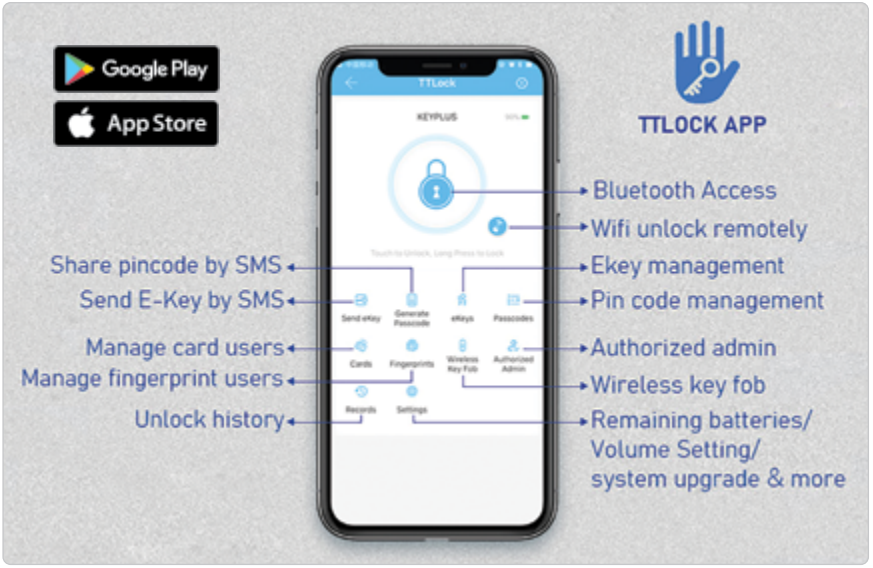
- Small size
- Multiple ways to unlock: fingerprint, code, card, mechanical key, mobile APP
- Stylish and simple design
- High sensitive fingerprint
- Anti-pry alarm
- Light indicator: Indicate the smart lock status and help to find at night.
- Anti-copy encrypted card: Intelligent encryption IC card recognition, easy to manage, high security against copying.
- Powerful inner core: high- performance chip, more accurate running speed algorithm.

Multiple ways to unlock | Voice control | High sensitive fingerprint | Anti-pry alarm | USB emergency interface | Virtual password

Download TTLOCK Application.
Full info for the products, instructions, can be found at www.elmarkholding.eu

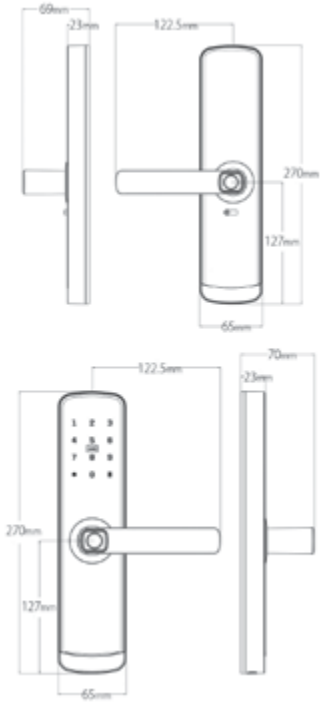
Remotely unlock by mobile APP

With powerful mobile app functions



3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.



TECHNICAL DATA

- Material: Aluminum alloy
- Power supply: 4x1.5V AAA batteries - not included
- Charging input: Micro USB
- Suitable mortise: ST-7255
- Alert voltage: 4.8V
- Static currency: 65 uA
- Induction time: ≤ 0.5s
- False reject rate: ≤ 0.01%
- False acceptance rate: ≤0.0001%
- Fingerprint capacity: 120
- Password capacity: 150
- Card capacity: 200
- Password length: 6-12 digits
- Door thickness: 30-120mm
- Dimensions (LxH): 65x270mm

THE SET INCLUDES:

- Smart door lock: 1pc
- IC card: 3pcs
- Mechanical keys: 2pcs

Catalogue number	Fingerprint capacity	Password capacity	Card capacity	Door thickness	Suitable mortise	Packing/Box (pcs)
195007	120	150	200	30-120mm	7255	1

Scan and watch detailed video with all product functions.

Anti-copy encrypted card

Intelligent encryption IC card recognition, easy to manage, high security against copying.

Scramble pin code technology

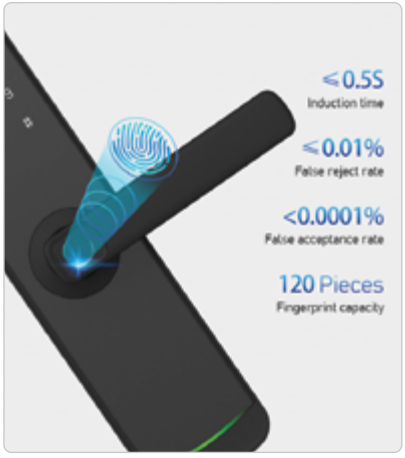
Protective inputting, unlocking with ease no more concern about being peeped.

High sensitive fingerprint

AI self-learning algorithm, anti-copy, anti-theft, fast identification within 0.5 seconds.







3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity



FINGERPRINT ELECTRONIC SMART DOOR LOCK EL-T6

EL-T6 is smart digital slim door lock with 5 ways to unlock- fingerprint, password, card, key and APP. With two various models of mortise for option, it's very suitable for aluminum doors, wooden doors and other metal doors.

CONTROL: Local

FEATURES

- Slim body design
- Multiple ways to unlock: fingerprint, code, card, mechanical key, mobile APP
- Stylish and simple design
- High sensitive fingerprint
- Multiple alarming function
- Light indicator: Indicate the smart lock status and help to find at night.
- Micro USB emergency power
- Anti-copy encrypted card: Intelligent encryption IC card recognition, easy to manage, high security against copying.
- Powerful inner core: high- performance chip, more accurate running speed algorithm.

Multiple ways to unlock | Voice control | High sensitive fingerprint | Anti-pry alarm | USB emergency interface | Virtual password

Download TTLOCK Application.
Full info for the products, instructions, can be found at www.elmarkholding.eu

Compatible with various type of doors


Aluminum door

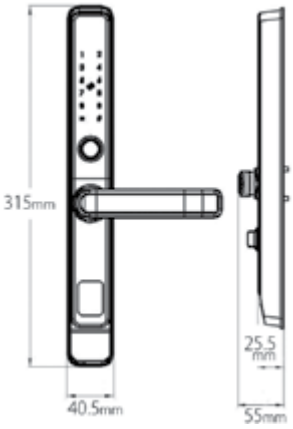

Wooden door

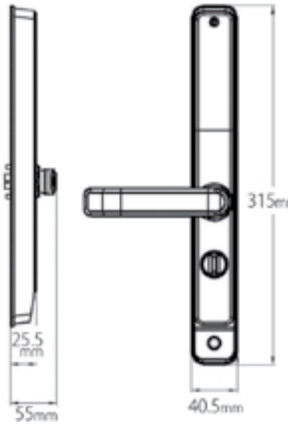

Framed door


Sliding door

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

Scan each QR code to see product price and availability.





TECHNICAL DATA

- Material: Aluminum alloy
- Power supply: 4x1.5V AA batteries - not included
- Charging input: Type C
- Suitable mortise: ST-3585 & ST-5085
- Alert voltage: 4.8V
- Static currency: 65 uA
- Induction time: ≤ 0.5s
- False reject rate: ≤ 0.01%
- False acceptance rate: ≤0.0001%
- Fingerprint capacity: 120
- Password capacity: 150
- Card capacity: 200
- Password length: 6-12 digits
- Door thickness: 40-120mm
- Dimensions (LxH): 36x310mm
- IP code: IPX5 Waterproof

THE SET INCLUDES:

- Smart door lock: 1pc
- IC card: 3pcs
- Mechanical keys: 2pcs

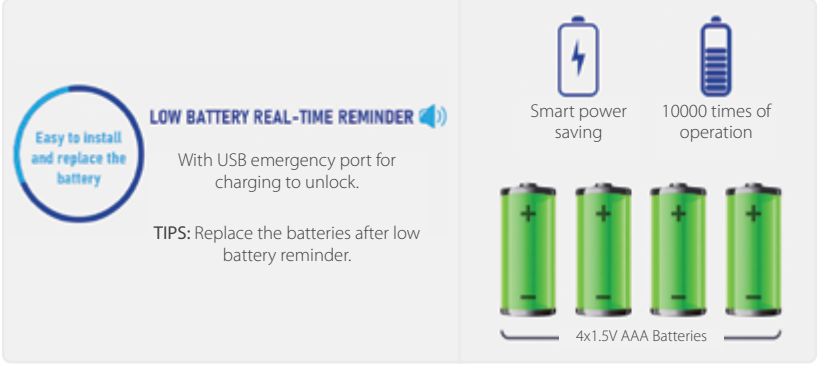
Catalogue number	Fingerprint capacity	Password capacity	Card capacity	Door thickness	Suitable mortise	Packing/Box (pcs)
195008	120	150	200	40-120mm	5085	1
195009	120	150	200	40-120mm	3585	1

Scan and watch detailed video with all product functions.









3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity



FINGERPRINT ELECTRONIC SMART GLASS DOOR LOCK EL-G3

EL-G3 is smart digital door lock with small size and 5 ways to unlock- fingerprint, password, card, key and APP via Bluetooth. EL-G3 is designed for frame-less glass doors.

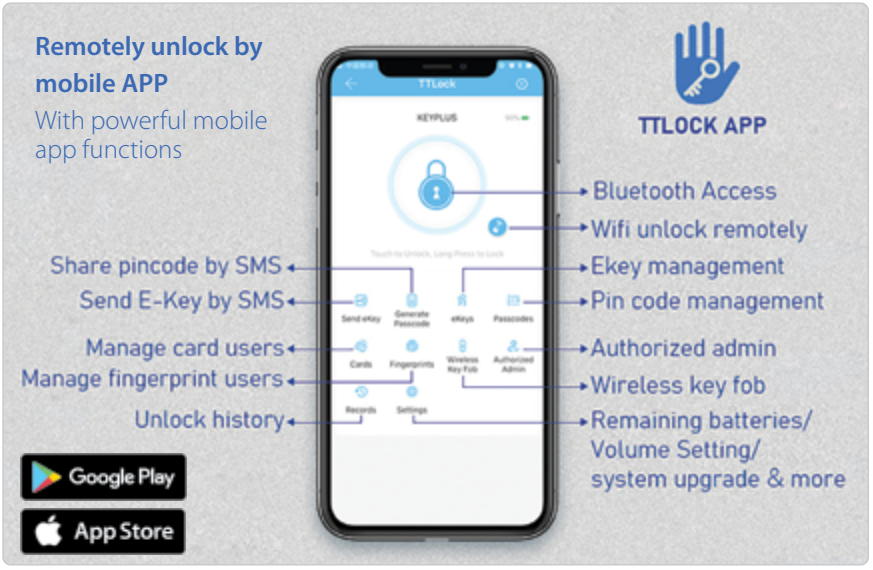
CONTROL: Local

FEATURES

- Small size
- Integrated doorbels
- Multiple ways to unlock: fingerprint, code, card, mechanical key, mobile APP
- Stylish and simple design
- High sensitive fingerprint
- Alarming Function when the door is not close well or low power, wrong operation
- Anti-copy encrypted card: Intelligent encryption IC card recognition, easy to manage, high security against copying.
- Powerful inner core: high- performance chip, more accurate running speed algorithm.

Multiple ways to unlock | Voice control | High sensitive fingerprint | Anti-pry alarm | USB emergency interface | Virtual password

Download TTLOCK Application.
Full info for the products, instructions, can be found at www.elmarkholding.eu



Anti-copy encrypted card

Intelligent encryption IC card recognition, easy to manage, high security against copying.



Scramble pin code technology

Protective inputting, unlocking with ease no more concern about being peeped.



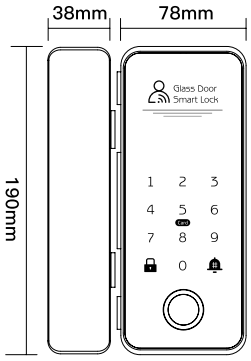
High sensitive fingerprint

AI self-learning algorithm, anti-copy, anti-theft, fast identification within 0.5 seconds.



3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.



TECHNICAL DATA

- Material: Aluminum alloy
- Power supply: 4x1.5V AAA batteries - not included
- Charging input: Type C
- Alert voltage: 4.8V
- Static currency: 65 uA
- Induction time: ≤ 0.5s
- False reject rate: ≤ 0.01%
- False acceptance rate: ≤0.0001%
- Fingerprint capacity: 200
- Password capacity: 150
- Card capacity: 200
- Password length: 6-12 digits
- Door thickness: 8-12mm

THE SET INCLUDES:

- Smart door lock: 1pc
- IC card: 3pcs
- Mechanical keys: 2pcs

Catalogue number	Fingerprint capacity	Password capacity	Card capacity	Door thickness	Packing/Box (pcs)
195010	200	150	200	8-12mm	1

Scan and watch detailed video with all product functions.





3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

3 YEARS TOTAL WARRANTY
3 standard
0 extended

BLUETOOTH TUYA FINGERPRINT WIRELESS DOOR LOCK EL-M10



EL-M10 is semiconductor smart door lock with 4 ways to unlock- fingerprint, password, key and APP

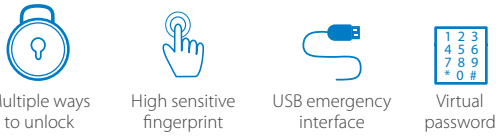
CONTROL: Local

FEATURES

- Small size
- Multiple ways to unlock: fingerprint, code, mechanical key, mobile APP
- Stylish and simple design
- High sensitive fingerprint
- Anti-peeping function
- Emergency power indication
- Green light for passed certification and red light failed authentication
- Artificial intelligence learning algorithm improves recognition rate
- Rapid induction recognition- 0.25 seconds
- With USB port for emergency power
- With Backup mechanical key for emergency override

Catalogue number:195100





TECHNICAL DATA

- Fingerprint Type: Semiconductor
- Fingerprint Capacity: 100
- Material: Zink Alloy
- Lock Cylinder level: C-level lock cylinder
- Power Supply: 4 X AAA Batteries
- Working current: ≤120mA
- Idle current: ≤25uA
- Recognition Speed: 0.25s
- Unlock Method: Fingerprint, password, TUYA, key
- Colour: Black
- Operating Temperature: -20°C + 60°
- Applicable door type: Wooden doors, fire doors, security doors, etc
- Locking distance: can be stretched from 60 to 70mm
- Size LxH: 150x70mm

Catalogue number	Fingerprint capacity	Password capacity	Door thickness	Packing/Box (pcs)
195100	100	155	30-55mm	1

One touch open
no need to wait

Live fingerprints are hidden on the handle. Open the door in one go.



Semiconductor fingerprint
One key unlock

Artificial intelligence learning algorithm improves recognition rate.



Scan each QR code to see product price and availability.



Catalogue number:195101

SMART DIGITAL WIRELESS TUYA DOOR LOCK, EL-A220F

EL-A220F is smart door lock with 5 ways to unlock- fingerprint, password, IC card, key and APP

CONTROL: Local or via smart devices from anywhere.

FEATURES

- Multiple ways to unlock: fingerprint, code, mechanical key, IC card, mobile APP
- Stylish and simple design
- High sensitive fingerprint
- Dead lock function
- Adjustable mounting: left or right direction
- Emergency power indication
- Green light for passed certification and red light failed authentication
- Artificial intelligence learning algorithm improves recognition rate
- Rapid induction recognition- 1 - 1.5 seconds
- With USB port for emergency power
- With backup mechanical key for emergency override

Multiple ways to unlock | High sensitive fingerprint | USB emergency interface | Virtual password

TECHNICAL DATA

- User Capacity: 200
- Material: Aluminium Alloy
- Lock Cylinder level: C-level lock cylinder
- Power Supply: 4 X AA Batteries
- Dinamic current: ≤200mA
- Static current: ≤25uA
- Unlook Time: 1-1.5s
- Unlock Method: Fingerprint, password, TUYA, key
- Colour: Black
- Operating Temperature: -20°C + 50°
- Applicable door type: Wooden doors, fire doors, security doors, etc
- Mortise: from 60 to 70mm adjustable deadbolt mortise
- Door thickness: 35-55mm

SET INCLUDED

- Front panel- 1pc
- Back panel- 1pc
- Deadbolt latch- 1pc
- Strike plate- 1pc
- Strike box- 1pc
- Screws for fixing
- Entry cards- 2pcs
- Mechanical key- 2pcs

Catalogue number	Fingerprint capacity	Password capacity	Door thickness	Packing/Box (pcs)
195101	200	200	30-55mm	1



3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

Scan each QR code to see product price and availability.

3 YEARS TOTAL WARRANTY
3 standard
0 extended

ELMARK
The Brand of Electricity

SMART FINGERPRINT WIRELESS TUYA DOOR CYLINDER, EL-S1F

EL-S1F is smart door cylinder with 4 ways to unlock- fingerprint, IC card, key and APP

CONTROL: Local or via smart devices from anywhere.



Catalogue number: 195106

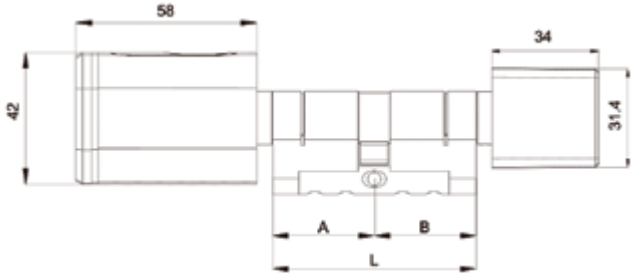
FEATURES

- Multiple ways to unlock: fingerprint, mechanical key, IC card, mobile APP
- Stylish and simple design
- High sensitive fingerprint
- Dead lock function
- Emergency power indication
- Green light for passed certification and red light failed authentication
- Rapid induction recognition- 1 - 1.5 seconds
- With USB port type-C for emergency power
- With backup mechanical key for emergency override



TECHNICAL DATA

- Fingerprint Capacity: 100
- Material: Aluminum Alloy
- Power Supply: CR123A Battery
- Unlock Time: 1-1.5s
- Unlock Method: Fingerprint, password, TUYA, key
- Colour: Black
- Operating Temperature: -20°C + 50°
- Applicable door type: Wooden doors, fire doors, security doors, etc
- Door thickness: 30-50mm
- Cylinder lock size (A+B): 30+30mm
- Total length: 60mm



Catalogue number	Fingerprint capacity	Password capacity	Door thickness	Packing/Box (pcs)
195106	100	100	30-50mm	1



SET INCLUDED

- Smart lock- 1pc
- Mounting tools
- Entry cards- 2pcs
- Mechanical key- 2pcs

Scan each QR code to see product price and availability.

WATERPROOF TUYA FINGERPRINT BLUETOOTH PADLOCK, EL-ILOCK



This smart padlock is suitable for house doors, warehouse, cabinet, offices and etc.

TECHNICAL DATA

- Type: Smart padlock, support TUYA
- Model: EL-ILOCK
- Material: Metal
- Charging: USB 5V
- Battery: 300mAh Li-Ion
- Unlock speed: 0.5s
- Unlock time length: 5s
- Fingerprint storage: 10 users
- IP code: IP54
- Working temperature: from -10°C to 50°C
- Dimensions (LxH): 36x29mm

Catalogue number:196004

Scan and watch detailed video with all product functions.

Fingerprint unlock

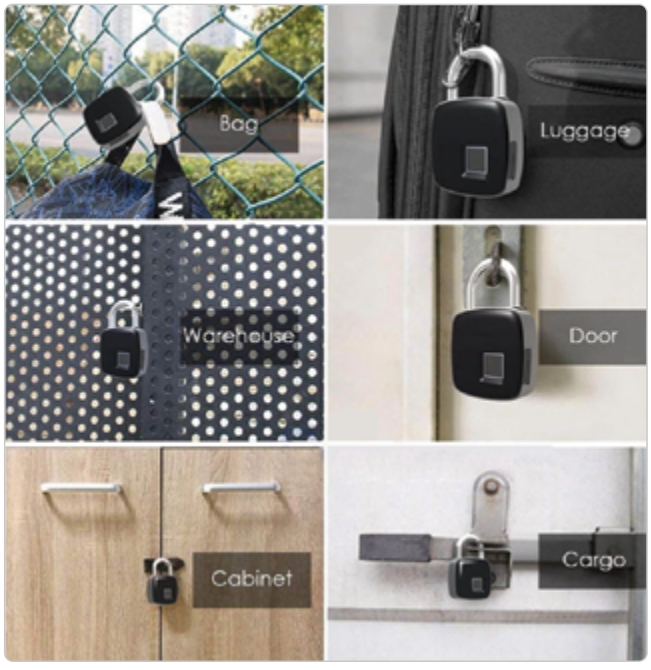
Safe convenient
0.5s unlock



USB charge

Long standby time
300 mAh Lithium battery





3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.

ACCESS CONTROL





Catalogue number:195093

Original chip
Precision electronic components.
Stable performance.



RFID STANDALONE ACCESS CONTROLLER WITH KEYPAD 125KHZ, EL-C02

Standalone access control is usually one or two small units wired directly onto a door panel to control access to the door. There is no need for a PC network and you don't have to secure every single door within your building, only those you wish to.
For standalone access control systems, all electronics are installed in a keypad or reader - there are no additional components or peripherals, including extra wiring, routers, sensors and alarms.

FEATURES

- High-quality components
- Precision electronic components with stable performance
- No user limit
- Support 1000 groups of personal passwords
- With relay output and level output for electric lock

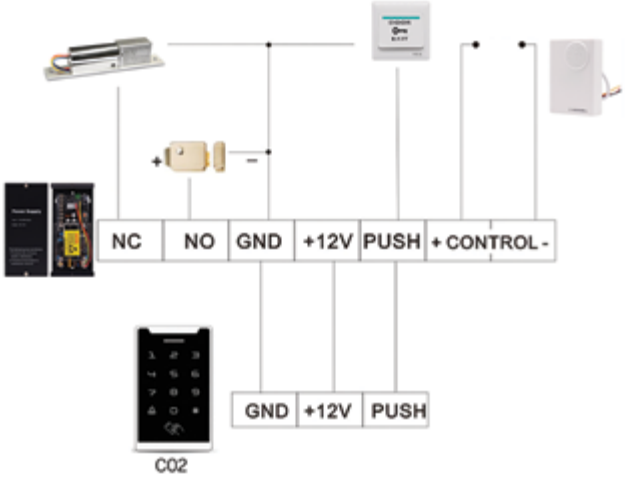
TECHNICAL DATA

- Type: Standalone access controller
- Model: EL-C02
- Working frequency: 125KHz
- Card type: EM
- Capacity: 1000 users
- Card reading distance: 1-15cm
- Working voltage: 12-30V DC
- Working current: 150mA
- Working temperature: from -10°C to 55°C
- Humidity: 90% RH (non-condensing)
- Add card method: via computer
- External device port: electric lock (including relay output and level output)
- Dimensions (HxLxD): 115x70x20mm

Scan and watch detailed video with all product functions.









Catalogue number: 195094

RFID STANDALONE WATERPROOF METAL ANTI-VANDAL ACCESS CONTROLLER WITH KEYPAD 125KHZ, EL-T1101

The unit is single door multifunction standalone access controller or a Wiegand output keypad or card reader. It is suitable for mounting either indoor or outdoor in harsh environments. It is housed in a strong, sturdy and vandal proof Zinc Alloy electroplated case which is available in silver. The electronics are fully defended. This unit supports up to 2000 users in either a Card, 4 digit PIN, or a Card + PIN option. The inbuilt card reader supports 125KHZ EM cards. The unit has many extra features including lock output current short circuit protection,Wiegand output,and a back light keypad. These features make the unit an ideal choice for door access not only for small shops and domestic households but also for commercial and industrial applications such as factories, warehouses, laboratories, banks and etc.

FEATURES

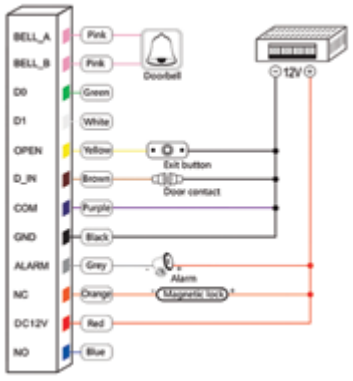
- Metal case, anti-vandal
- Waterproof
- Digital back light touch keypad
- Multi-function standalone access controller and reader
- WG interface: WG26 Input / output
- Capacity: 2000 cards / codes
- Three accesses: card, pin, card + pin

TECHNICAL DATA

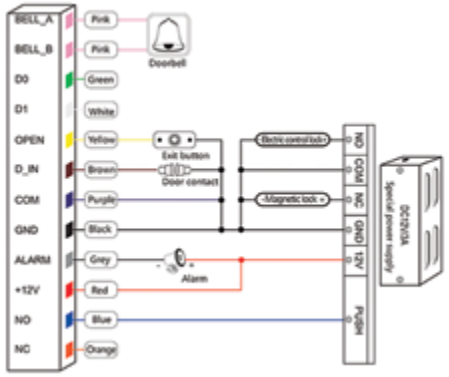
- Type: Touch screen standalone access controller
- Model: EL-T1101
- Working frequency: 125KHz
- Card type: EM
- Capacity: 2000 users
- Card reading distance: 2-5cm
- Working voltage: 12-24V DC
- Static Electricity: ≤35mA
- Electric Lock Output: ≤1A
- Short-Circuit Protect: ≤100μS
- Relay Output Delay Time: 0-99 s
- IP code: IP65
- Working temperature: from -40°C to 60°C
- Humidity: 90% RH (non-condensing)
- Add card method: via computer
- External device port: electric lock (including relay output and level output)
- Dimensions (HxL): 135x48mm

Scan and watch detailed video with all product functions.

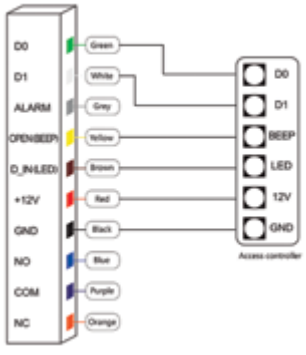
COMMON POWER SUPPLY DIAGRAM



SPACIAL POWER SUPPLY DIAGRAM



READER MODE DIAGRAM



3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

Scan each QR code to see product price and availability.

STANDALONE PROXIMITY CONTROLLER FOR ACCESS CONTROL AND TIME ATTENDANCE, EL-SCR100

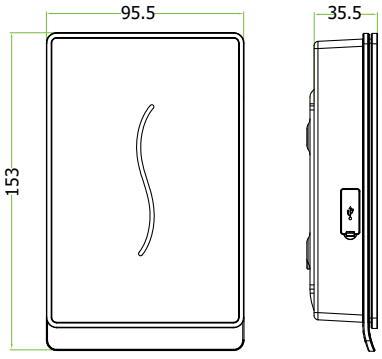


Catalogue number:195097

EL-SCR100 is an access control devices, which is made with elegant design. The device have lock control, alarm, exit button, door sensor. The wiegand-in interface is used to connect external reader to construct master and slave system. Also the device can be used to connect with a control panel as a reader by wiegand-out interface. The operation can be done on PC software and upload to the device through TCP/IP, RS232/485 communication. The USB-host is used for data download and upload, including user data and record etc.
EL-SCR100 is suitable for house, small office and factory etc.

FEATURES

- Elegant design with Acrylic plastic
- With TCP/IP interface, avoid RS485 communication and low speed for transferring data, standalone or network deployment
- Professional access control function: 50 time zones, 5 groups, 10 open door combination, support multi users entry
- Protect the data with encrypted technology
- Built-in relay contacts lock, alarm, door sensor and exit button
- Wiegand input and output enable Master/Slaver access control
- Embedded web server: support browser to inquire access data at local or remote.

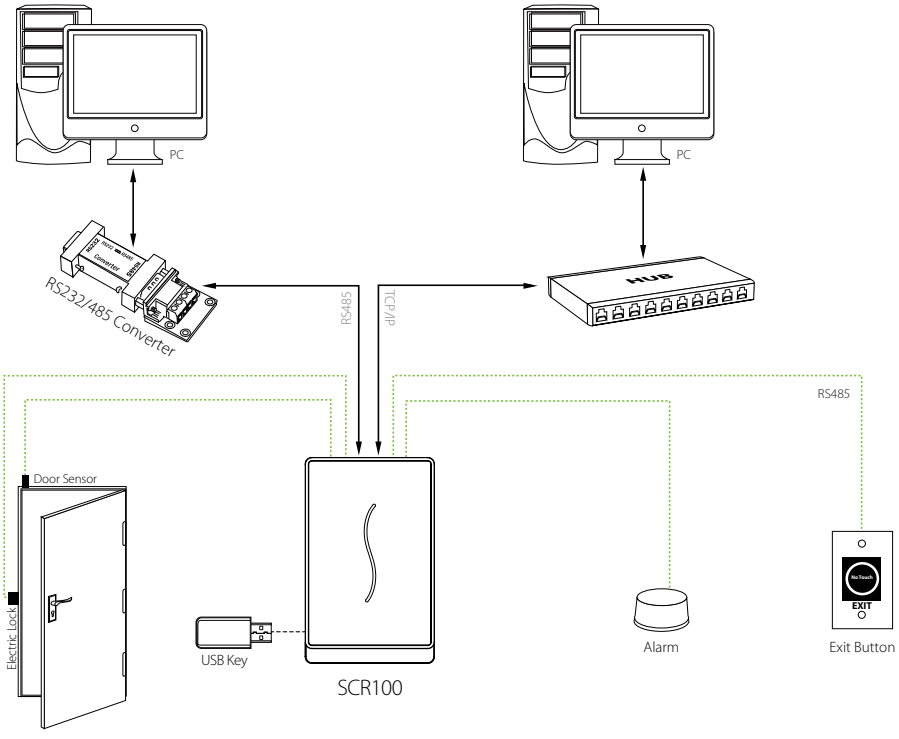


TECHNICAL DATA

- Type: Standalone proximity controller for access control and time attendance
- Model: EL-SCR100
- Working frequency: 125KHz
- Access control Interface: 3rd party electric lock, door sensor, exit button, alarm, door bell
- Standard function: Anti-passback, webserver, 9 digital number
- Card type: EM (RFID)
- Card capacity: 30000
- Card reading distance: 5-10cm
- Transaction capacity: 50000
- Working voltage: 12V DC
- Static current: 300mA
- Wiegand signal: input and output
- Communication: TCP/IP, RS232/485, USB-Host
- Working temperature: from 0°C to 45°C
- Humidity: 20-80% RH (non-condensing)
- Material: Acrylic plastic
- Dimensions (LxHxD): 95.5x153x35.5mm

Scan and watch detailed video with all product functions.

Configuration



3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.



Catalogue number: 195102

STANDALONE OR NETWORK ACCESS CONTROL AND TIME ATTENDANCE TERMINAL, EL-TFS70

EL-TFS70 is standalone or network biometric access control and time attendance system with high steady and strong access control functions together.
With the top algorithm to make sure the identification speed and rates, suits all company and buildings.

FEATURES

- Touch keyboard
- Multiple identification options: fingerprint, password or card. Identification options can be combined together.
- 500 Dip hidden fingerprint sensor for dry fingerprint and strong sunshine.
- Wiegand in/out to combine with access controller.
- Standard TCP/IP, RS485, USB for communication with computer and server together.
- With software management together for time attendance and access control.
- Excel report for check-in and check-out
- USB to download attendance report
- Lighted keypad for easier operation and using at night.
- Free SDK and free software.
- Two door interlock function: A door open, B door closed.

TECHNICAL DATA

- Power supply: 12V DC, 1A
- Identification: Fingerprint / Card/ Password
- Identification speed: <1 sec
- Working frequency: 13.56MHz
- Fingerprint capacity: 3000
- Card capacity: 3000
- Display: 2.0 TFT color LCD
- Communication: WAN remote/ RS485 / TCP / IP / USB / WiFi
- Other Functions: Mifare / WiFi
- Time zone and groups: 8 time zones and 8 time groups, 5 combinations
- Wiegand out: Wiegand 26 and 34
- Input: Door sensor, exit button
- Output: Electric lock
- Alarm: Defend, unlock and threaten
- Anti-passback: In and out door
- Size: 190x80x33mm



Optical fingerprint recognition





☑ Backlit fingerprint head
☑ Finger, PIN, Card

3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.



Catalogue number:195105

STANDALONE ACCESS CONTROLLER RFID, HID AND MIFARE EL-SK2X, IP66

EL-SK2X is single door multifunction standalone access controller or a Wiegang output reader. It uses Atmel MCU assuring stable performance.
The operation is very user friendly and low power circuit makes is long service life.
The EL-SK2X supports 600 users (598common + 2panic users), multi access modes in card access, PIN access, Card + PIN access or multi card. Card interface are 125KHz RFID or HID and 13,56MHz Mifare card. It has extra features including block enrollment, Interlock, Wiegang 26-37 bits interface and etc...

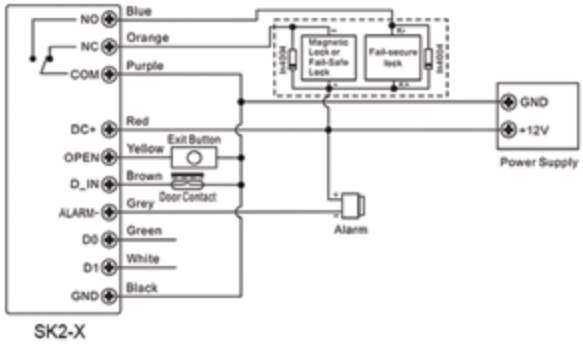
FEATURES

- Waterproof- IP66
- One relay, keyboard controller
- 600 users
- PIN length: 4-6 digits
- Work with multiple card types: 125KHz RFID and HID cards and 13,56MHz Mifare card
- Wiegang 26-37 bits input and output
- Can be used as Wiegang reader with LED and buzzer output
- Card block entrolment
- Three colour LED status display
- Integrated alarm and buzzer output
- Pulse and toggle modes
- Built-in light dependent resistor (LDR) for anti tamper
- Support interlock function for places with requirement of higher security levels
- Low temperature resistance

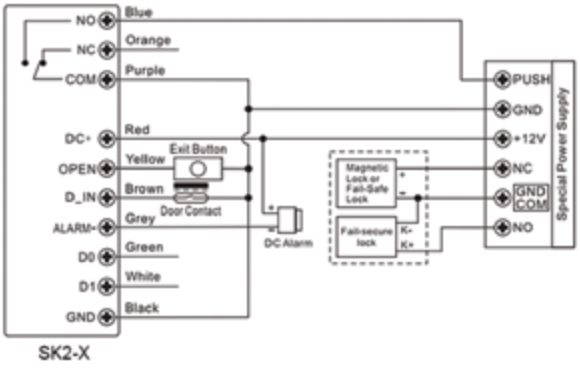
TECHNICAL DATA

- Operating voltage: 9-18V DC
- Idle current: <35mA
- Users capacity: 600
- Common user: 598
- Panic user: 2
- Proximity card reader: HID, EM and Mifare
- Radio technology: 125KHz and 13,56MHz
- Read distance: 2-6cm
- Relay: NO, NC, Common
- Adjustable relay output time: 1-99s
- Lock output load: 2A max.
- IP66
- Operating temperature: from -40° to 60°C
- Operating humidity: 0-98% RH
- Body material: ABS
- Dimensions LxWxH (mm): 122x50x210
- Weight: 165g

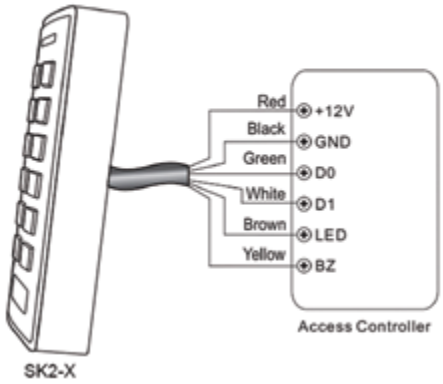
Common Power Supply



Access Control Power Supply



Work As Wiegand Reader



3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.



Catalogue number:195103

DYNAMIC FACE RECOGNITION, TIME ATTENDANCE AND ACCESS CONTROL TERMINAL, EL-AI05

The EL-AI05 is a dynamic face access control terminal with time attendance. It uses multi-language software and mobile APP

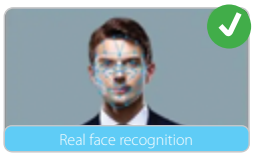
FEATURES

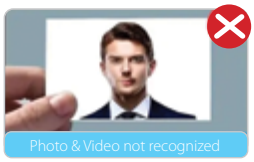
- Five people face recognition at same time
- Flexible face recognition distance: 0.5 - 2.5M
- Verification logs transfer to software in real time
- Mask detection and face recognition with wearing mask
- Exporting attendance report from EL-AI05 to PC
- Intelligent cloud platform for mobile APP
- Support RFID
- WDR technology
- HD IPS Touch screen with resolution 1280x720

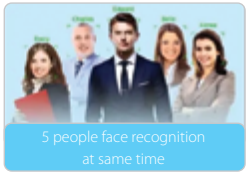
TECHNICAL DATA

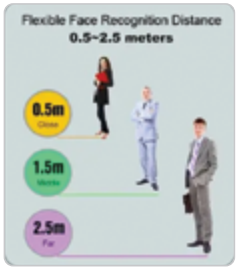
- Input voltage: 12V DC
- CPU: 1.2G Dual core ARM Cortex-A7
- NPU: 600G (0.6T)
- RAM: 256M DDR3L
- ROM: 4G EMMC
- Camera: 2MP Infrared HD wide range dynamic
- Display: 5 inch HD IPS touch screen. Resolution 1280x720
- Communication port: TCP/IP, USB-Type A(Support U disk), Wifi
- OS: Linux
- Verify method: Face recognition, ID Card, Password or combination
- Face, Card and password capacity: 5000
- Face recognition speed: <0.2s
- Face recognition distance: 0.5-2.5 meters (adjustable)
- Face recognition peoples capacity: 5 at same time
- Face recognition: Live- reject photo and video
- Wiegand: WG 26/34 output
- Support exit button and door bell
- Working temperature: 0-45°C
- Dimension: 155x133x25.5mm













3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.



Catalogue number: 195095

RFID MINI WIEGAND CARD READER 125KHZ, EL-PCD97

Wiegand refers to the technology used in card readers and sensors. This system is a wired communication interface that operates between a reader and a controller.

TECHNICAL DATA

- Type: Mini Wiegand card reader
- Model: EL-PCD97
- Working frequency: 125KHz
- Card type: EM (RFID)
- Card reading distance: 5-10cm
- Working voltage: 5-16V DC
- Static current: ≤80mA
- Output Format: 26bit/34bit Wiegand
- Communication Distance: 100M
- Working temperature: from -20°C to 65°C
- Humidity: 90% RH (non-condensing)
- Material: ABS
- Dimensions (LxWxH): 80x43x14mm



Catalogue number: 195096

RFID MINI WIEGAND CARD READER 125KHZ, EL-M005

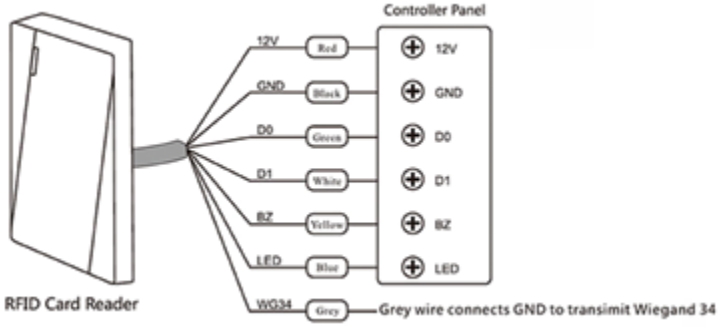
EL-M005 is IP68 metal case RFID Wiegang card reader for entry solutions. This system is a wired communication interface that operates between a reader and a controller

FEATURES

- Metal shell, anti-vandal
- Very low power consumption,standby current less than 30mA
- WG 26 output
- Fast Search speed: time between reading card and opening the door is less than 0.1s

TECHNICAL DATA

- Type: Waterproof metal case mini Wiegand card reader
- Model: EL-M005
- Working frequency: 125KHz
- Card type: EM (RFID)
- Card reading distance: 2-5cm
- Working voltage: 12V DC
- Static current: ≤35mA
- Wiegand interface: 26bit/34bit
- Working temperature: from -40°C to 60°C
- Humidity: 90% RH (non-condensing)
- IP code: IP68
- Material: Metal
- Dimensions (LxHxD): 48x95x19mm



3 YEARS TOTAL WARRANTY
3 standard
0 extended

Scan each QR code to see product price and availability.

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

WIEGANG RFID, HID AND MIFARE READER EL-S1RX, IP66



Catalogue number:195104

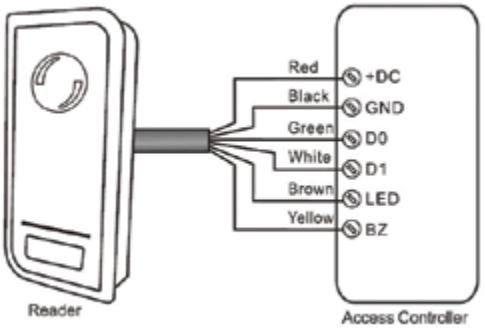
EL-S1RX reader is with advanced 125KHz and 13,56MHz radio technology. It is an ideal choice for high- security applications. It is attractively designed with thin profile and modern appearance.

FEATURES

- Waterproof- IP66
- Work with multiple card types: 125KHz RFID and HID cards and 13,56MHz Mifare card
- Low temperature resistance

TECHNICAL DATA

- Operating voltage: 9-24V DC
- Idle current: <35mA
- Frequency: 125KHz and 13,56MHz
- Read distance: 2-7cm
- Output format: Wiegang 26
- IP66
- Operating temperature: from -40° to 60°C
- Operating humidity: 0-95% RH
- Body material: ABS
- Colour: Black
- Dimensions LxWxH (mm): 20x48x103
- Weight: 100g



ZINC ALLOY EXIT BUTTON FOR SURFACE MOUNTING, EL-EB53A



Catalogue number: 195099

Robust exit button with LED back light in metal design, intended for connection to access systems.

TECHNICAL DATA

- Type: Metal EXIT button for access control, surface mounting
- Model: EL-EB53A
- Input voltage: 12-24V DC
- Nominal current: 0.33A/ 12V DC
- Output current: 5A
- Output Contact: NO/COM
- Mechanical Life: 500000
- Material: Zinc alloy
- Dimensions (LxHxD): 53x53x25mm



Scan each QR code to see product price and availability.

MOVING HAND EXIT SENSOR FOR SURFACE MOUNTING, EL-T6C

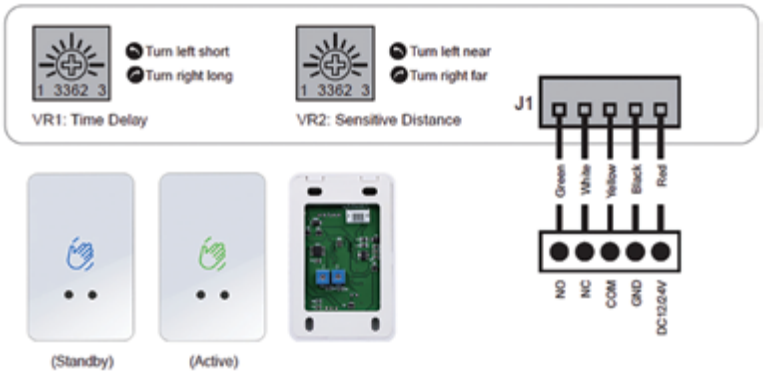


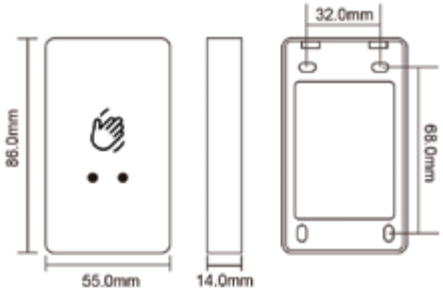
Catalogue number: 196000

Moving hand sensor EXIT devices with double LED indication, intended for connection to access systems.

TECHNICAL DATA

- Type: No touch device with moving sensor for access control for surface mounting
- Model: EL-T6C
- Input voltage: 12-24V DC
- Output Contact: NO/NC/COM
- LED Indication: Blue (standby) and green (active)
- Time delay: 0-30s adjustable
- Mechanical Life: 500000
- Working temperature: from -20°C to 55°C
- Humidity: 95% RH (non-condensing)
- Material: PC case+ABS face plate
- Dimensions (LxHxD): 55x86x14mm





IP68 ZINC ALLOY MOVING HAND INFRARED EXIT SENSOR FOR SURFACE MOUNTING, EL-EB1406



Catalogue number: 196001

Waterproof zinc alloy moving hand sensor EXIT devices with double LED indication, intended for connection to access systems.

TECHNICAL DATA

- Type: No touch waterproof device with moving sensor for access control for surface mounting, IP68.
- Model: EL-EB1406
- Input voltage: 12V DC
- Nominal current: 0.33A/ 12V DC
- Output Contact: NO/NC/COM
- Detection distance: 3-15cm adjustable
- LED Indication: Blue (standby) and green (active)
- Mechanical Life: 100000
- Working temperature: from -20°C to 55°C
- Humidity: 95% RH (non-condensing)
- Material: Zinc alloy
- Dimensions (LxHxD): 80x32x23mm

3 YEARS TOTAL WARRANTY
3 standard
0 extended

RFID ACCESS CONTROL CARD 125 KHZ, EL-EM22



Catalogue number:196002

TECHNICAL DATA

- Type: Access control entry RFID card 125kHz
- Model: EL-EM22
- Material: PVC
- Colour: White
- Frequency: 125kHz, ID
- Working temperature: from -100°C to 500°C
- Dimensions (LxH): 85.5x54mm

RFID ACCESS CONTROL KEY FOB 125 KHZ, EL-TAG2

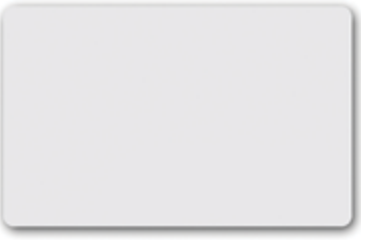


Catalogue number:196003

TECHNICAL DATA

- Type: Access control entry RFID key fob 125kHz
- Model: EL-TAG2
- Material: ABS
- Colour: Blue
- Frequency: 125kHz
- Working temperature: from -10°C to 50°C
- Dimensions (LxH): 36x29mm

MIFARE ACCESS CONTROL CARD 13.56MHZ, EL-MF26



Catalogue number: 196007

TECHNICAL DATA

- Type: Access control entry MIFARE card 13.56MHz
- Model: EL-MF26
- Material: PVC
- Colour: White
- Frequency: 13.56MHz, MIFARE
- Working temperature: from -100°C to 500°C
- Dimensions (LxH): 85.5x54mm

MIFARE ACCESS CONTROL KEY FOB 13.56MHZ, EL-TAG3

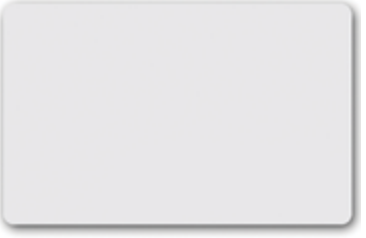


Catalogue number: 196009

TECHNICAL DATA

- Type: Access control entry MIFARE key fob 13.56MHZ
- Model: EL-TAG3
- Material: ABS
- Colour: Blue
- Frequency: 13.56MHz, MIFARE
- Working temperature: from -10°C to 50°C
- Dimensions (LxH): 33x41mm

HID ACCESS CONTROL THICK CARD 125KHZ, EL-HID01



Catalogue number: 196008

TECHNICAL DATA

- Type: Access control entry HID thick card 125KHz
- Model: EL-HID01
- Material: PVC
- Colour: White
- Frequency: 13.56MHz, MIFARE
- Working temperature: from -100°C to 500°C
- Dimensions (LxH): 85.5x54mm

Scan each QR code to see product price and availability.

SWITCH POWER SUPPLY CONTROLLER, EL-K80C



Catalogue number:195098

EL-K80C power supply controller is a transformer which provides stable output voltage for access controller, lock, and exit button. NC / NO outputs, can control various types of electric locks,Based delay control circuit. The scope of application applied to a variety of building intercom, villa doorbell, apartment door phone, home video door phone controller, access a variety of import and export controls.

TECHNICAL DATA

- Type: Switch power supply controller for access control
- Model: EL-K80C
- Input voltage: 90-260V AC
- Output voltage: 12V DC
- Output current: 5A
- Time delay: 0-15sec (Adjustable)
- Contact: Access control, electric lock, release button contacts
- Security: Protection automatically when the voltage is high
- LED indication: Working status, NO contact status, NC contact status
- Suitable For: Access control, electric lock
- Dimensions (LxH): 130x92mm



SWITCH POWER SUPPLY CONTROLLER, EL-K80



Catalogue number:196006

EL-K80 power supply controller is a transformer which provides stable output voltage for access controller, lock, and exit button. NC / NO / COM outputs, can control various types of electric locks,Based delay control circuit. The scope of application applied to a variety of building intercom, villa doorbell, apartment door phone, home video door phone controller, access a variety of import and export controls.

TECHNICAL DATA

- Type: Switch power supply controller for access control
- Model: EL-K80
- Input voltage: 110-240V AC
- Output voltage: 12V DC
- Output current: 3A
- Time delay: 0-15sec (Adjustable)
- Contact: Access control, electric lock, release button contacts
- Security: Protection automatically when the voltage is high
- LED indication: Working status, NO contact status, NC contact status
- Suitable For: Access control, electric lock
- Dimensions (LxH): 115x90mm



3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

MANUAL PARKING LOCK, EL-PL06



Catalogue number: 195110

EL-PL06 is spray painted manual parking lock made from cold rolled steel plate.

TECHNICAL DATA

- Locking height: 35cm
- Dimension: 55x44x35cm
- Colour: Orange
- Weight: 6kg
- Material: cold rolled steel
- Material thickness: 2mm

REMOTE CONTROL PARKING LOCK EL-PL02, IP67



Catalogue number: 195111

EL-PL06 is featured by nice appearance, easy control, strong construction and high security and reliability etc. The parking lock can effectively avoid the misusing or occupation of the parking lot and is a good assistant for parking lot managements of top-grade residential areas, shopping centers, hotels, offices and airports etc.

CONTROL: Local via remote control

TECHNICAL DATA

- Rated voltage: 6V DC
- Battery: 7.4V 3000mA Li-ion
- Charging time: 4h
- Working time: 6-8 months
- Material: Thickened high-temperature alloy steel plate (one-time stamping forming)
- Base thickness: 2.5mm
- Shell thickness: 2.0mm
- Product weight: 8 kg
- Working time: 6-8 months
- Colour: Orange
- Weight: 8kg
- IP67
- Output speed: 7rpm
- Output torque: 50kgN/cm
- Raising or lowering running time: ≤5s
- Control distance: ≤50m
- Working temperature: from -25°C to 55°C
- Lifting height: 400mm
- Drop height: 80mm
- Dimension: 400x450mm

Scan each QR code to see product price and availability.

AUTOMATIC BARRIER GATE WITH STRAIGHT ADJUSTABLE ARM FROM 3.2 TO 6 METERS, EL-BG007



Catalogue number:195112

EL-BG007 is fully automatic vehicle parking barrier gate with straight octagonal arm for parking and road.

FEATURES

- Safety: 24V power supply to protect personal safety
- Energy saving: Static power is less then 2W
- Speed adjustable
- Smooth working: Multi-stage speed design
- Multi-protection: motor over current, overload, short circuit, motor failure, power reverce connection protection
- Anti-smashing technology
- "Specially designed integrated motor with reduces body vibration to greatly improves the operating accuracy of the barrier gate barrier gate"
- Possibility for change the direction of the gate opening: to the left or right
- Boom (arm) length adjustment: from 3.2 to 6m
- LED light indication
- Suitable with EL-R02

TECHNICAL DATA

- Boom (arm) length adjustment: from 3.2 to 6m. Choice length possibility- 3.2m; 3.3m; 3.4m; 5m and 6m
- Material: 304 Stainless steel
- Body color: Black
- Power Supply: 24V AC/50Hz
- Power consumption: 100W
- Open/close speed: 1-6s adjustable
- Working temperature: from -30°C to 60°C
- Gate dimension: 350x300x975mm

ANTI-SMASHING RADAR EL-R02 FOR AUTOMATIC BARIER GATE EL-BG007



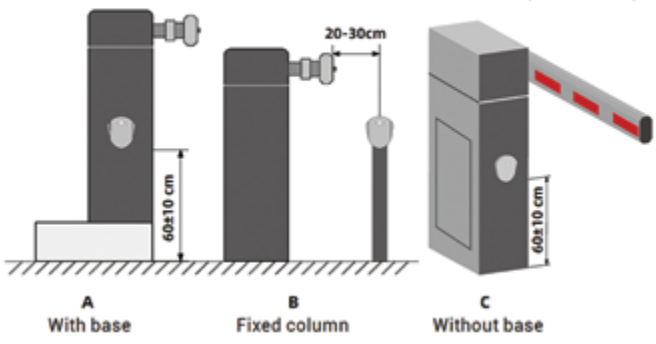
Catalogue number:195113

EL-R02 is anti-collision radar, suitable only for straight (boom) arm barrier gate.
The anti-smashing radar is installed on the barrier gate box perpendicular to the direction of the lane (or installed on the column next to the box). The installation height is recommended to be 0.6M from the bottom edge of the radar to the ground, and 15-25CM from the gate lever on the left and right.

TECHNICAL DATA

- Input voltage: 12V DC; 150mA
- Scope of application: Straight bar gate
- Working frequency: 24 - 24.5GHz
- Horizontal beam: < 30°
- Vertical beam: < 17°
- Working temperature: from -30°C to 60°C
- Detection distance: 1-6 meters (+-0.1 meters)
- Working temperature: from -40°C to 85°C
- IP67
- Dimension: 105x118x21mm

(Illustration)



3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

DOORBELLS



WIRELESS DOORBELLS WITH LED FLASH LIGHT



Catalogue number	QTY Transmitter/ Receiver	Voltage (V)	Sound level db(A)	Volume levels	Music	Distance (m)	Packing/ Box (pcs)
5020	One/One	220	65-85	Low/ Middle/ High	36 melodies	80	1/60

Transmitter battery: 12V A23
The item is without a coded frequency! Within a montage at a distance less than 80 meters and of two or more analogue doorbells, their work can be influenced by or disturbances to happen.



Catalogue number	QTY Transmitter/ Receiver	Voltage (V)	Sound level db(A)	Volume levels	Music	Distance (m)	Packing/ Box (pcs)
5016	One/One	220	65-85	Low/ Middle/ High	36 melodies	80	1/60

Transmitter battery: 12V A23
The item is without a coded frequency! Within a montage at a distance less than 80 meters and of two or more analogue doorbells, their work can be influenced by or disturbances to happen.



Catalogue number	QTY Transmitter/ Receiver	Voltage (V)	Sound level db(A)	Volume levels	Music	Distance (m)	Packing/ Box (pcs)
5019	One/One	220	65-85	Low/ Middle/ High	36 melodies	80	1/60

Transmitter battery: 12V A23
The item is without a coded frequency! Within a montage at a distance less than 80 meters and of two or more analogue doorbells, their work can be influenced by or disturbances to happen.



Catalogue number	QTY Transmitter/ Receiver	Voltage (V)	Sound level db(A)	Volume levels	Music	Distance (m)	Packing/ Box (pcs)
5015	One/ Two	220	65-85	Low/ Middle/ High	36 melodies	80	1/60

Transmitter battery: 12V A23
The item is without a coded frequency! Within a montage at a distance less than 80 meters and of two or more analogue doorbells, their work can be influenced by or disturbances to happen.

2 YEARS TOTAL WARRANTY
2 standard
0 extended

Scan each QR code to see product price and availability.



Catalogue number	QTY Transmitter/ Receiver	Voltage (V)	Sound level db(A)	Volume levels	Music	Distance (m)	Packing/ Box (pcs)
5018	One/ Two	220	65-85	Low/ Middle/ High	36 melodies	80	1/60

Transmitter battery: 12V A23
The item is without a coded frequency! Within a montage at a distance less than 80 meters and of two or more analogue doorbells, their work can be influenced by or disturbances to happen.



Catalogue number	QTY Transmitter/ Receiver	Transmitter Voltage (V)	Receiver Voltage (V)	Sound level db(A)	Volume levels	Music	Distance (m)	Packing/ Box (pcs)
5023/1	One/One	12V 23A Battery	DC 3x1.5V AAA Battery	70-85	Low/ Middle/ High	36 melodies	80	1/60
5024	One/One	12V 23A Battery	220V AC	70-85	Low/ Middle/ High	36 melodies	80	1/60

The item is without a coded frequency! Within a montage at a distance less than 80 meters and of two or more analogue doorbells, their work can be influenced by or disturbances to happen.



Catalogue number	QTY Transmitter/ Receiver	Transmitter Voltage (V)	Receiver Voltage (V)	Sound level db(A)	Volume levels	Music	Distance (m)	Packing/ Box (pcs)
5023/2	One/Two	12V 23A Battery	DC 3x1.5V AAA Battery	70-85	Low/ Middle/ High	36 melodies	80	1/60

The item is without a coded frequency! Within a montage at a distance less than 80 meters and of two or more analogue doorbells, their work can be influenced by or disturbances to happen.

2 YEARS TOTAL WARRANTY
+ 2 standard
0 extended

Scan each QR code to see product price and availability.

SELF-POWERED DIGITAL WIRELESS DOORBELLS WITH LED FLASH LIGHT



Catalogue number	QTY Transmitter/ Receiver	Transmitter Voltage (V)	Receiver Voltage (V)	Sound level db(A)	Volume levels	Music	Distance (m)	Packing/ Box (pcs)
5027WH	One/Two	Self-powered	220V AC	70-85	Low/ Middle/ High	4 chord/ 36 melodies	100-120	1/60



Catalogue number	QTY Transmitter/ Receiver	Transmitter Voltage (V)	Receiver Voltage (V)	Sound level db(A)	Volume levels	Music	Distance (m)	Packing/ Box (pcs)
5027BL	One/Two	Self-powered	220V AC	70-85	Low/ Middle/ High	4 chord/ 36 melodies	100-120	1/60

2 YEARS TOTAL WARRANTY
+ 2 standard 0 extended

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

DIGITAL WIRELESS DOORBELLS WITH LED FLASH LIGHT



Catalogue number	QTY Transmitter/ Receiver	Transmitter Voltage (V)	Receiver Voltage (V)	Sound level db(A)	Volume levels	Music	Distance (m)	Packing/ Box (pcs)
5025WH	One/One	12V 23A Battery	DC 2x1.5V AA Battery	70-85	Low/ Middle/ High	32 melodies	120	1/60



Catalogue number	QTY Transmitter/ Receiver	Transmitter Voltage (V)	Receiver Voltage (V)	Sound level db(A)	Volume levels	Music	Distance (m)	Packing/ Box (pcs)
5025BL	One/One	12V 23A Battery	DC 2x1.5V AA Battery	70-85	Low/ Middle/ High	32 melodies	120	1/60



Catalogue number	QTY Transmitter/ Receiver	Transmitter Voltage (V)	Receiver Voltage (V)	Sound level db(A)	Volume levels	Music	Distance (m)	Packing/ Box (pcs)
5026	One/One	12V 23A Battery	220V AC	70-85	Low/ Middle/ High	36 melodies	100	1/60

2 YEARS TOTAL WARRANTY
+ 2 standard
0 extended

Scan each QR code to see product price and availability.

INFRARED INDUCTION DOORBELLS



An electric appliance with inserted motion sensor. It is used for advisement for guests,visitors or customers. When there is a motion ,it starts / there is a sound which advises that there is a visitor/ customer/ in the premises. Working area - up to 7 meters

Catalogue number	Description	Voltage (V)	Sound level db(A)	Detection angle	Sensor detection distance (m)	Music	Packing/ Box (pcs)
5021	Doorbell with sensor	4.5V DC	85	100°	up to 7	36 melodies	1/60



A complex product that combines two appliances. It is used for advisor for guests,visitors or customers. The sensor is installed to the place that you would like to know there is a motion/ visitor,this usually is the shop entrance,offices,warehouses and etc. The bell can be installed at a distance up to 130 m from the sensor which we will receive the signal for motion /visitor. Working frequency: 315MHz/433.92 MHz

Catalogue number	Description	Voltage (V)	Sound level db(A)	Detection angle	Sensor detection distance (m)	Music	Packing/ Box (pcs)
5022	Doorbell & sensor	4,5V DC	85	100°	up to 7	36 melodies	1/60

2 YEARS TOTAL WARRANTY
+ 2 standard
0 extended

Scan each QR code to see product price and availability.

BELL / BELL TRANSFORMER



Catalogue number	Type	In (V)	Un (V)	Consumption (VA)	Sound level db(A)	Packing/Box (pcs)
5012	Bell	230	8-12	3.6	70	1/12/240
5220	Bell	230	230	5	70	1/12/240

Mounting: on DIN-rail



Catalogue number	Type	In (V)	Un (V)	Consumption (VA)	Packing/Box (pcs)
5001	Bell transformer	230	8/12/24	8	1/80

Mounting: on DIN-rail

5 YEARS TOTAL WARRANTY
5 standard
0 extended

Scan each QR code to see product price and availability.

TOOLS & GARDEN MAINTENANCE



ELMARK
The Brand of Electricity

ELECTRICAL PROFESSIONAL CORDED LINE

LIMITED STOCK



PROFESSIONAL

PROFESSIONAL DRILL EL-D10

59510

TECHNICAL DATA

- Power: 500W
- No-load speed: 4300 r/min
- Chuck size: 0.6-6.5 mm
- Cable length: 2 m

ADVANTAGES

- 10 mm metal chuck: to tighten and hold bits steady
- Forward and reverse: ability for easy adjustment according to tasks

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

LIMITED STOCK



PROFESSIONAL

IMPACT DRILL EL-D14

59514

TECHNICAL DATA

- Power: 600W
- No-load speed: 0-3000 r/min
- Chuck size: 13mm
- Cable length: 2m

ADVANTAGES

- Soft grip handle.
- Lockable switch.
- Variable speed.
- Aluminum gear housing.

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended



CORDED DRILL EL-D15 WITH PLASTIC CASE

59515

TECHNICAL DATA

Power: 750W
No-load speed: 0-2800 r/min
Chuck size: 1.5-13mm
Cable length: 1.5m

ADVANTAGES

- Soft grip handle.
- Lockable switch.
- Variable speed.

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

Scan each QR code to see product price and availability.

LIMITED STOCK



PROFESSIONAL

5 YEARS TOTAL WARRANTY
5 standard + 0 extended

PROFESSIONAL IMPACT DRILL EL-D11

59511

TECHNICAL DATA

- Power: 910W
- No-load speed: 0-2800 r/min
- Chuck size: 13 mm
- Cable length: 2 m

ADVANTAGES

- Impact and drill: two modes transformed.
- 13 mm metal chuck: to tighten and hold bits steady.
- Auxiliary handle: is convenient for operation at any angle.
- Variable large trigger: switch and 360° swivel side handle for added comfort speed.
- Lock-on button: for comfortable operation.
- Aluminum: die-cast gear case.

LIMITED STOCK



PROFESSIONAL

5 YEARS TOTAL WARRANTY
5 standard + 0 extended

PROFESSIONAL TWO SPEED IMPACT DRILL EL-D12

59512

TECHNICAL DATA

- Power: 1050W
- No-load speed: 0-1200/0-3200 r/min
- Chuck size: 13 mm
- Cable length: 2 m

ADVANTAGES

- Dual-mode selector: easily converts from rotation-only to hammer-drill mode.
- 13 mm metal chuck: to tighten and hold bits steady.
- Auxiliary handle: is convenient for operation at any angle.
- Variable large trigger: switch and 360° swivel side handle for added comfort speed.
- Lock-on button: for comfortable operation.
- Forward and reverse: ability for easy adjustment according to tasks.
- 2 speed: provides maximum tongue in setting 1 and maximum speed in setting 2.

LIMITED STOCK



PROFESSIONAL

5 YEARS TOTAL WARRANTY
5 standard + 0 extended

PROFESSIONAL LIGHT ROTARY HAMMER EL-RH13

59513

TECHNICAL DATA

- Power: 800W
- Single stroke power: 3.2J
- No-load speed: 0-1400 r/min
- Impact rate: 0-5700 b/min
- Cable length: 2 m

ADVANTAGES

- Four functions: easily converts trim.
- Auxiliary handle: is convenient for operation at any angle.
- Variable large trigger: switch and 360° swivel side handle for added comfort speed.

Scan each QR code to see product price and availability.

ELMARK
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ROTARY HAMMER DRILL 800W, EL-RH003

59608

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

TECHNICAL DATA

- Ratted voltage: 230V/ 50Hz
- Power: 800W
- No-load speed: 0-1350r/min
- Impact rate: 0-5500pm
- Impact energy: 2.8J
- Bit holder: SDS-plus
- Function: 4
- Motor material: Cooper
- Concrete drilling capacity: 26mm
- Wood drilling capacity: 30mm
- Steel drilling capacity: 13mm
- Cable length: 2m

INCLUDED ACCESSORIES

- 3 x SDS-plus drill bits- 6; 8; 10 x 150mm
- 1 x auxiliary handle
- 1 x metal guide ruler
- 1 x oil box



ROTARY HAMMER DRILL 1500W, EL-RH007

59609

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

TECHNICAL DATA

- Ratted voltage: 230V/ 50Hz
- Power: 1500W
- No-load speed: 300-800r/min
- Impact rate: 1500-4000pm
- Impact energy: 0.6J
- Bit holder: SDS-plus
- Function: 4
- Concrete drilling capacity: 26mm
- Wood drilling capacity: 30mm
- Steel drilling capacity: 13mm
- Cable length: 2m

INCLUDED ACCESSORIES

- 3 x SDS-plus drill bits- 8; 10; 12 x 150mm
- 2 x SDS-plus pointed & flat chisel- 14 x 230mm
- 1 x additional adjustable handle
- 1 x metal guide ruler
- 1 x grease pot
- 1 x dust cap
- 1 x depth gauge
- 1 x wrench
- 1 x carbon brush

LIMITED STOCK



PROFESSIONAL

ANGLE GRINDER EL-AG04

59504

5 YEARS TOTAL WARRANTY
+ 5 standard 0 extended

TECHNICAL DATA

- Power: 750W
- Diameter of wheel: 125mm
- No-load speed: 11000 r/min
- Thread size: M14
- Cable length: 2m

ADVANTAGES

- Compact and slim body: for easy operation.
- Dust proof: motor and switch.

Scan each QR code to see product price and availability.



CORDED ANGLE GRINDER EL-AG07 WITH PLASTIC CASE

59507

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

TECHNICAL DATA

- Power: 850W
- Diameter of wheel: 125 mm
- No-load speed: 11000 r/min
- Thread size: M14
- Cable length: 1.5 m

LIMITED STOCK



PROFESSIONAL JIG SAW EL-JS20

59520

5 YEARS TOTAL WARRANTY
+ 5 standard 0 extended

TECHNICAL DATA

- Power: 710W
- No-load speed: 1500-3100r/min
- Stroke distance: 23mm
- Cable length: 2m

PROFESSIONAL



CORDED CIRCULAR SAW EL-CS25

59525

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

TECHNICAL DATA

- Power: 1480W
- No-load speed: 4800r/min
- Saw blade specification: 180x20mm
- Cutting depth: 60mm
- Cutting Angle: 0-45°
- Body material: Aluminum
- Weight: 3.1kg
- Cable length: 1.8m



CORDED SANDER EL-P42

59542

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

TECHNICAL DATA

- Power: 600W
- No-load speed: 13000r/min
- Planing depth: 1mm
- Planing width: 82mm
- Weight: 2.35kg
- Cable length: 1.8m

Scan each QR code to see product price and availability.

LIMITED STOCK



PROFESSIONAL

5 YEARS TOTAL WARRANTY
+ 5 standard 0 extended

PROFESSIONAL ANGLE GRINDER EL-AG02

59502

TECHNICAL DATA

- Power: 2000W
- Diameter of wheel: 180mm
- No-load speed: 6500 r/min
- Thread size: M14
- Cable length: 2 m

ADVANTAGES

- Compact grid design: for comfort & control.
- Cast metal gear case: increased josite durability and tool longevity.
- Spindle lock: for fast and easy wheel changes whit a single wrench.
- Epoxy-coated field windings: provides protection against abrasive dust.
- Soft grid side handle: allows greater and comfortable control in multiple positions.
- Compact and slim handle for easy operation, rubber coated, can be set in 2 positions.

LIMITED STOCK



PROFESSIONAL

5 YEARS TOTAL WARRANTY
+ 5 standard 0 extended

PROFESSIONAL ANGLE GRINDER EL-AG03

59503

TECHNICAL DATA

- Power: 2400W
- Diameter of wheel: 230mm
- No-load speed: 6500r/min
- Thread size: M14
- Cable length: 2m

ADVANTAGES

- Compact grid design: for comfort & control.
- Cast metal gear case: increased josite durability and tool longevity.
- Spindle lock: for fast and easy wheel changes whit a single wrench.
- Epoxy-coated field windings: provides protection against abrasive dust.
- Soft grid side handle: allows greater and comfortable control in multiple positions.
- Compact and slim handle for easy operation, rubber coated, can be set in 2 positions.

LIMITED STOCK



PROFESSIONAL

5 YEARS TOTAL WARRANTY
+ 5 standard 0 extended

PROFESSIONAL MULTI TOOL EL-MT40

59540

TECHNICAL DATA

- Power: 280W
- No-load speed: 11000-21000
- Thread size: M14
- Cable length: 2m

ADVANTAGES

- Quick blade: changing system can fit widely-used blades.
- Oscillation angle: 4 degree.
- Powerful motor: for improved durability and straighten cuts.
- Variable speed: for optimal performance and control in a variety of materials

Scan each QR code to see product price and availability.

LIMITED STOCK



PROFESSIONAL

PROFESSIONAL CORDED HEAT GUN EL-HG30

59530

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

TECHNICAL DATA

- Power: 1800W
- Temperature: 50/400/550 C°
- Air flow: 250/250/500L/M
- Cable length: 2m

ADVANTAGES

- Dual fan speed selector delivers high and low fan speed settings.
- Integrated hands free support stand allow the gun to sit upright for hands free use.
- 1800W motor delivers hight heat and multiple fan setting.

LIMITED STOCK



HEAT GUN NOZZLE FOR EL-HG30

59532

Type: Heat gun nozzle for heat gum EL-HG30 (cat. No 59530).

LIMITED STOCK



PROFESSIONAL

CORDED HEAT GUN WITH HEAT GUN NOZZLE

59531

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

TECHNICAL DATA

- Power: 2000W
- Temperature: 350 C°
- Switch positions: 0-I-II
- Cable length: 2m

ADVANTAGES

- Protection: against over-heat.
- Settings: two steps airflow.



CORDED POLISHER EL-P41

59541

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

TECHNICAL DATA

- Power: 600W
- No-load speed: 3000r/min
- Polishing diameter: 125mm
- Polished mandrel thread: M14
- Cable length: 1.6m

Scan each QR code to see product price and availability.



FINISHING SANDER 240W, EL-FS003

59611

TECHNICAL DATA

- Ratted voltage: 230V/ 50Hz
- Power: 240W
- No-load speed: 12000r/min
- Base plate size: 125mm
- Cable length: 2m

INCLUDED ACCESSORIES

- 1 x dust bag
- 1 x sandpaper

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended



DRYWALL SANDER 800W 180MM, EL-DS002

59616

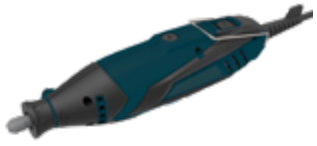
TECHNICAL DATA

- Ratted voltage: 230V/ 50Hz
- Power: 800W
- No-load speed: 1200-2300r/min
- Disc diameter: 180mm
- Dust tube diameter: 32mm
- Cable length: 4m

INCLUDED ACCESSORIES

- 1 x dust bag
- 1 x auxiliary handle soft rubber
- 1 x S5 hexagonal bond
- 2 x S-connectors
- 1 x dust collection tube 2m
- 6 x sandpaper

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended



MINI GRINDER 135W, EL-MG001

59610

TECHNICAL DATA

- Ratted voltage: 230V/ 50Hz
- Power: 135W
- No-load speed: 8000-32000r/min
- Cable length: 2m

INCLUDED ACCESSORIES

- 1 x plastic case with 40 bits

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended



CORDED SPRAY GUN EL-SG43

59543

TECHNICAL DATA

Power: 150W
No-load speed: 30000r/min
Cylinder capacity: 1000 ml
Nozzle diameter: 0.18mm
Accessories: Fuselage, brush and funnel x 1pc
Cable length: 1.5m

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

Scan each QR code to see product price and availability.



ELECTRIC SPRAY GUN 650W, EL-SG004

59615

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

TECHNICAL DATA

- Ratted voltage: 230V/ 50Hz
- Power: 650W
- Can capacity: 800ml
- Nozzle: copper 2.5mm
- Viscosity: 80din/s
- Flow rate: 450ml/min

INCLUDED ACCESSORIES

- 1 x viscosity measuring cup
- 1 x pass needle
- 1 x spray gun hose



CORDED HANDLE MIXER EL-HM44

59544

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

TECHNICAL DATA

- Power: 1800W
- No-load speed: 600r/min
- Weight: 3.5kg
- Accessories: Rod for mixing x 1pc



BENCH GRINDER 250W 150MM, EL-BG003

59613

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

TECHNICAL DATA

- Ratted voltage: 230V/ 50Hz
- Power: 250W
- No-load speed: 2950r/min
- Wheel size: 150 x 20 x 12.7mm
- Cable length: 1.8m

INCLUDED ACCESSORIES

- 1 x goggles



TILE CUTTER 450W, EL-TC003

59614

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

TECHNICAL DATA

- Ratted voltage: 230V/ 50Hz
- Power: 450W
- No-load speed: 2950r/min
- Tilting range: 0-45°
- Table size: 330 x 360mm
- Blade size: 180 x 22.2 x 2.2mm
- Cutting depth: 15mm/45° & 34mm/90°
- Cable length: 1.8m

INCLUDED ACCESSORIES

- 2 x wrenches
- 1 x protective cover
- 1 x sink
- 1 x parallel guide rail
- 1 x square

Scan each QR code to see product price and availability.

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ELECTRICAL CORDLESS LINE

LIMITED STOCK



PROFESSIONAL

12V CORDLESS DRILL EL-CD53 + BATTERY & CHARGER, SET

59553

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

TECHNICAL DATA

- Voltage: 12V
- No-load speed: 0-400/0-1500r/min
- Max. torque: 30 (N.m)
- Torque settings: 19+1
- Chuck size: 10mm
- Battery capacity: 12V/2A
- Charger: 400mA

ADVANTAGES

- Drill gear box: two speed.
- Compact design: with soft grip handle.
- LED light: Integrated.

LIMITED STOCK



PROFESSIONAL

20V DRILL DRIVER EL-CD50

59550

5 YEARS TOTAL WARRANTY
+ 5 standard 0 extended

TECHNICAL DATA

- Voltage: 20V
- No-load speed: 0-400/0-1500r/min
- Max. torque: 30 (N.m)
- Torque settings: 21+1
- Chuck size: 10mm

ADVANTAGES

- High performance 4-pole motor
- PCB inside: to protect the motor from over-loading
- Belt clip: for easy carrying
- Soft grip: to reduce fatigue
- Battery: Not Included. Suitable with batteries with catalogue numbers 59560 and 59561

LIMITED STOCK



PROFESSIONAL

20V TWO SPEED IMPACT DRILL EL-CD51

59551

5 YEARS TOTAL WARRANTY
+ 5 standard 0 extended

TECHNICAL DATA

- Voltage: 20V
- No-load speed: 0-450/0-1700r/min
- Max. torque: 50 (N.m)
- Torque settings: 21+1+1
- Impact rate: 0-6400/2400 (B/min)
- Chuck size: 13mm - all metal

ADVANTAGES

- All metal/ 2 speed transmission: for a wide range of drilling and driving applications.
- High performance 4-pole motor.
- PCB inside: to protect the motor from over-loading.
- Belt clip: for easy carrying Soft grip: to reduce fatigue.

Note: Battery is not Included. Suitable with batteries with catalogue numbers 59560 and 59561.

Scan each QR code to see product price and availability.

LIMITED STOCK



PROFESSIONAL

Li-ion 2Ah

3 YEARS TOTAL WARRANTY
+ 2 standard 1 extended

20V LITHIUM BATTERY EL-B60

59560

TECHNICAL DATA

- Voltage: 20VDC
- Type: Li-ion
- Capacity: 2 Ah
- Charge time: 1h
- Cells: 5 pcs

ADVANTAGES

- Water protection barrier: routes water away from the electronics and out of the battery pack.
- Smart electronics: Protect from abuse. Optimum tool performance.
- Temperature control frame: Extend run-time and life by minimizing heat. Operates below -18°C/ 0°F.
- Fully exposed cell carrier and rubber over mold: prevents pack failure from vibration or drops.

LIMITED STOCK



PROFESSIONAL

Li-ion 4Ah

3 YEARS TOTAL WARRANTY
+ 2 standard 1 extended

20V LITHIUM BATTERY EL-B61

59561

TECHNICAL DATA

- Voltage: 20VDC
- Type: Li-ion
- Capacity: 4 Ah
- Charge time: 2h
- Cells: 10 pcs

ADVANTAGES

- Water protection barrier: routes water away from the electronics and out of the battery pack.
- Smart electronics: Protect from abuse. Optimum tool performance
- Temperature control frame: Extend run-time and life by minimizing heat. Operates below -18°C/ 0°F.
- Fully exposed cell carrier and rubber over mold: prevents pack failure from vibration or drops.

LIMITED STOCK



PROFESSIONAL

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

FAST BATTERY CHARGER EL-CH62

59562

TECHNICAL DATA

- Rated Voltage: 20VDC
- Input Voltage: 100-240VAC

FEATURES

- Diagnostics with LED.
- Short circuit protection.
- Over heating protection.
- Over charging protection.

Scan each QR code to see product price and availability.



12V CORDLESS DRILL EL-CD54

59554

TECHNICAL DATA

- Voltage: 12V
- No-load speed: 0-350/0-1350r/min
- Max. torque: 20 (N.m)
- Chuck size: 0.8-10mm
- Charging time: 1.5-2 hours
- Battery: Build-in 1500mah
- Charger: Included

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended



18V CORDLESS IMPACT DRILL EL-CD55 + PLASTIC CASE, SET

59555

TECHNICAL DATA

- Voltage: 18V
- Charging time: 3h
- Battery capacity: 1500mAh Li-ion
- No-load speed: 0-350/0-1350r/min
- Max. torque: 29 (N.m)
- Chuck size: 0.8-10mm
- Functions: Bidirectional rotation; two speed regulation, with impact function ; charging protection.

THE SET INCLUDES

- 1 drill;
- 1 battery;
- 1 battery charger;
- 18 drill accessories;
- 1 semi metal joint.

** EL-CD55 is not compatible with other ELMARK batteries.*

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended



18V CORDLESS IMPACT DRILL EL-CD56 + PLASTIC CASE, SET

59556

TECHNICAL DATA

Voltage: 18V
Charging time: 3h
Battery capacity: 1500mAh Li-ion
No-load speed: 1700r/min
Max. torque: 48 (N.m)
Chuck size: 1.5-13mm
Functions: Bidirectional rotation; impact function; charging protection; replaceable battery

THE SET INCLUDES

- 1 drill;
- 1 battery;
- 1 battery charger;
- 18 drill accessories;
- 1 iron with locking joint.

** EL-CD56 is compatible with batteries EL-PBA01 with catalogue number 59563-15 and 59563-30.*

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

Scan each QR code to see product price and availability.



Li-ion

18V CORDLESS ANGLE GRINDER EL-CAG57 + PLASTIC CASE, SET

59557

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

TECHNICAL DATA

- Voltage: 18V
- Charging time: 3h
- Battery capacity: 1500mAh Li-ion
- No-load speed: 0-11000r/min
- Diameter of wheel: 125mm
- Chuck size: 1.5-13mm
- Functions: Charging protection; replaceable battery

THE SET INCLUDES

- 1 angle grinder;
- 1 battery;
- 1 battery charger.

** EL-CAG57 is compatible with batteries EL-PBA01 with catalogue number 59563-15 and 59563-30.*



Li-ion

21V CORDLESS CIRCULAR SAW EL-CCS58

59558

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

TECHNICAL DATA

- Voltage: 21V
- Charging time: 3h
- Battery capacity: 1500mAh Li-ion
- No-load speed: 0-3500r/min
- Cutting Angle: 0-45°
- Maximum depth of sawing: 40mm
- Saw blade diameter: 150mm
- Functions: Charging protection; replaceable battery.

THE SET INCLUDES

- 1 circular saw;
- 1 ruler;
- 1 battery;
- 1 adapter

** EL-CCS58 is compatible with battery EL-B64 with catalogue number 59564*



Li-ion

21V CORDLESS JIG SAW EL-CJS59

59559

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

TECHNICAL DATA

- Voltage: 21V
- Charging time: 3h
- Battery capacity: 1500mAh Li-ion
- No-load speed: 2500r/min
- Cutting Depth: 80mm
- Blade diameter: 20mm

THE SET INCLUDES

- 1 jig saw;
- 1 battery;
- 1 battery charger.

** EL-CJS59 is compatible with batteries EL-PBA01 with catalogue number 59563-15 and 59563-30.*

RoHs COMPLAINT
CE



Li-ion

21V CORDLESS LEAF BLOWER EL-CB67

59567

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

TECHNICAL DATA

- Voltage: 21V
- Charging time: 3h
- Battery capacity: 1500mAh Li-ion
- No-load speed: 11000r/min
- Blow capacity: 2.3m^3/min
- No-load current: 5.5A
- Function: Charge protection, battery replaceable

THE SET INCLUDES

- 1 leaf blower;
- 1 spare battery box;
- 1 adapter.

** EL-CB67 is compatible with batteries EL-PBA01 with catalogue number 59563-15 and 59563-30.*



Li-ion

18-21V LITHIUM BATTERY EL-PBA01 1.5AH

59563-15

TECHNICAL DATA

- Voltage: 18-21V
- Battery type: 18650
- Battery capacity: 1500mAh Li-Ion
- Power indicator light: YES

2 YEARS TOTAL WARRANTY
+ 2 standard
0 extended



Li-ion

18-21V LITHIUM BATTERY EL-PBA01 3AH

59563-30

TECHNICAL DATA

- Voltage: 18-21V
- Battery type: 18650
- Battery capacity: 3000mAh Li-Ion
- Power indicator light: YES

2 YEARS TOTAL WARRANTY
+ 2 standard
0 extended



18-21V LITHIUM BATTERY UNIVERSAL CHARGER

59586

TECHNICAL DATA

- Input voltage: 200-240V AC
- Input frequency: 50/60Hz

* Universal charger is compatible with batteries EL-PBA01 with catalogue number 59563-15 and 59563-30.

2 YEARS TOTAL WARRANTY
+ 2 standard
0 extended

Scan each QR code to see product price and availability.

VACUUM CLEANERS





WET AND DRY VACUUM CLEANER 1000W 12L, EL-WD12

59600

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

FEATURES

- For wet and dry cleaning
- Strong suction and blowing function
- Robust PP body
- Big base with wheels
- Many accessories
- Cable and plug storage place

TECHNICAL DATA

- Voltage: 100-240V
- Frequency: 50-60Hz
- Rated Power: 1000W
- Airflow: ≥ 1.7m²/min
- Vacuity: ≥ 14KPa
- Noise: ≤ 80dB(A)
- Capacity: 12L
- Storage tank material: Stainless steel
- Weight: 3.65kg

INCLUDED ACCESSORIES

- 1 x plastic hose ∅32- 1.5m
- 3 x plastic tubes Ø32
- 1 x washable sponge filter + paper bag
- 1 x crevice nozzle Ø32- 20cm
- 1 x wet & dry brush Ø32
- 1 x clothes bag
- 1 x big base with wheels



WET AND DRY VACUUM CLEANER 1200W 20L, EL-WD20

59601

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

FEATURES

- For wet and dry cleaning
- Dust shaking function
- Handle with airflow control function
- Multiple filtration for clean air
- Special filter-cleaning function for avoiding clogging
- Many accessories

TECHNICAL DATA

- Voltage: 100-240V
- Frequency: 50-60Hz
- Rated Power: 1200W
- Airflow: ≥ 2.0m²/min
- Vacuity: ≥ 16KPa
- Noise: ≤ 80dB(A)
- Capacity: 20L
- Storage tank material: Stainless steel
- Weight: 6.25kg

INCLUDED ACCESSORIES

- 1 x plastic hose Ø32, 1.5m with adjustable handle
- 1 x telescopic stainless steel tube Ø32
- 1 x sponge filter
- 1 x crevice nozzle Ø32- 20cm
- 1 x wet & dry floor brush Ø32
- 1 x wet & dry round brush Ø32
- 1 x HEPA filter
- 1 x big base with wheels

Scan each QR code to see product price and availability.



CARPET AND CAR VACUUM CLEANER 1200W 20L, EL-CC20

59602

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

FEATURES

- For wet and dry cleaning
- Carpet & Sofa washer function / Shampoo-spraying function
- Multiple filtration for clean air
- Special filter-cleaning function for avoiding clogging
- Flexible hose for multi-angle cleaning
- Universal wheels for easy moving

TECHNICAL DATA

- Voltage: 100-240V
- Frequency: 50-60Hz
- Rated Power: 1200W
- Airflow: ≥ 2.0m²/min
- Vacuity: ≥ 16KPa
- Noise: ≤ 80dB(A)
- Capacity: 20L
- Filtration: Water separation
- Water tank capacity: 3.5L
- Water tank material: Plastic
- Storage tank material: Stainless steel
- Weight: 7.3kg

INCLUDED ACCESSORIES

- 1 x plastic hose Ø32, 1.5m with detergent gun
- 2 x plastic tubes Ø32
- 1 sponge filter
- 1 x HEPA filter
- 1 x crevice nozzle Ø32- 20cm
- 1 x shampoo clean brush
- 1 x wet & dry floor brush Ø32
- 1 x spray nozzle
- 1 x paper bag
- 1 x base with wheels



20V CORDLESS WET & DRY VACUUM CLEANER, EL-CWD02

59607

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

FEATURES

- Wet & dry cleaning function
- Cordless, without limitation of power cord
- Small size and light weight

TECHNICAL DATA

- 1 x washable pleated filter
- 1 x crevice nozzle Ø32
- 2 x plastic tubes Ø32- 2 x 33cm
- 1 x wet & dry floor brush Ø32
- 1 x Ø32 sofa nozzle

INCLUDED ACCESSORIES

- Voltage: 20V
- Rated Power: 150W
- Working time with 2Ah battery: 15min
- Working time with 4Ah battery: 30min
- Airflow: ≥ 18L/S
- Vacuity: ≥ 9KPa
- Filtration: Bagless
- Storage tank material: Plastic
- Weight: 1.35kg

**NOTE: Battery and charger are not included. The product is compatible with batteries EL-PBA01 with catalogue number 59563-15 and 59563-30.*



20V CORDLESS WET & DRY VACUUM CLEANER 15L, EL-CWD15

59605

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

FEATURES

- Wet & dry cleaning function
- Cordless, without limitation of power cord
- Universal wheels to be carried everywhere
- Blowing function

INCLUDED ACCESSORIES

- 1 x plastic hose Ø32- 1.5m
- 1 x telescopic stainless steel tube Ø32
- 1 x sponge filter
- 1 x crevice nozzle Ø32- 20cm
- 1 x wet & dry floor brush Ø32
- 1 x HEPA filter
- 1 x big base with wheels

TECHNICAL DATA

- Voltage: 20V
- Rated Power: 150W
- Working time with 2Ah battery: 15min
- Working time with 4Ah battery: 30min
- Airflow: ≥ 18L/S
- Vacuity: ≥ 10KPa
- Capacity: 15L
- Filtration: Bagless
- Storage tank material: Stainless steel
- Weight: 3.75kg

**NOTE: Battery and charger are not included. The product is compatible with batteries EL-PBA01 with catalogue number 59563-15 and 59563-30.*



ASH VACUUM CLEANER 600W 4L, EL-AC04

59604

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

FEATURES

- For fireplaces, wood stoves, pellet stoves and BBQ grills
- Single hand operating
- Small size and light weight

INCLUDED ACCESSORIES

- 1 x metal hose 0.5m
- 1 x curved aluminum tube 20cm
- 1 x washable HEPA filter
- 1 x crevice nozzle

TECHNICAL DATA

- Voltage: 100-240V
- Frequency: 50-60Hz
- Rated Power: 600W
- Airflow: ≥ 1.7m²/min
- Vacuity: ≥ 14KPa
- Noise: ≤ 78dB(A)
- Capacity: 4L
- Filtration: Bagless
- Storage tank material: Stainless steel
- Weight: 1.4kg

Scan each QR code to see product price and availability.



ASH VACUUM CLEANER 1200W 15L, EL-AC15

59603

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

FEATURES

- For fireplaces, wood stoves, pellet stoves and BBQ grills
- High power for excellent suction
- Addition blower for multiple work
- Blowing function
- Flexible hose for multi-angle cleaning
- Washable HEPA filter with high filtration
- Universal wheels for easy moving

TECHNICAL DATA

- Voltage: 100-240V
- Frequency: 50-60Hz
- Rated Power: 1200W
- Airflow: ≥ 1.6m^2/min
- Vacuity: ≥ 16KPa
- Noise: ≤ 78dB(A)
- Capacity: 15L
- Storage tank material: Stainless steel
- Weight: 3.25kg

INCLUDED ACCESSORIES

- 1 x metal hose Ø35, 1.0m
- 1 x washable HEPA filter
- 1 x aluminium tube Ø35- 23cm
- 1 x fireproof clothes bag
- 1 x aluminium nozzle
- 1 x base with wheels



20V CORDLESS ASH VACUUM CLEANER 12L, EL-CAC12

59606

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

FEATURES

- For fireplaces, wood stoves, pellet stoves and BBQ grills
- Flexible hose for multi-angle cleaning
- Cordless, without limitation of power cord
- Blowing function

TECHNICAL DATA

- Voltage: 20V
- Rated Power: 150W
- Working time with 2Ah battery: 15min
- Working time with 4Ah battery: 30min
- Airflow: ≥ 18L/S
- Vacuity: ≥ 10KPa
- Filtration: Bagless
- Capacity: 12L
- Storage tank material: Stainless steel
- Weight: 2.3kg

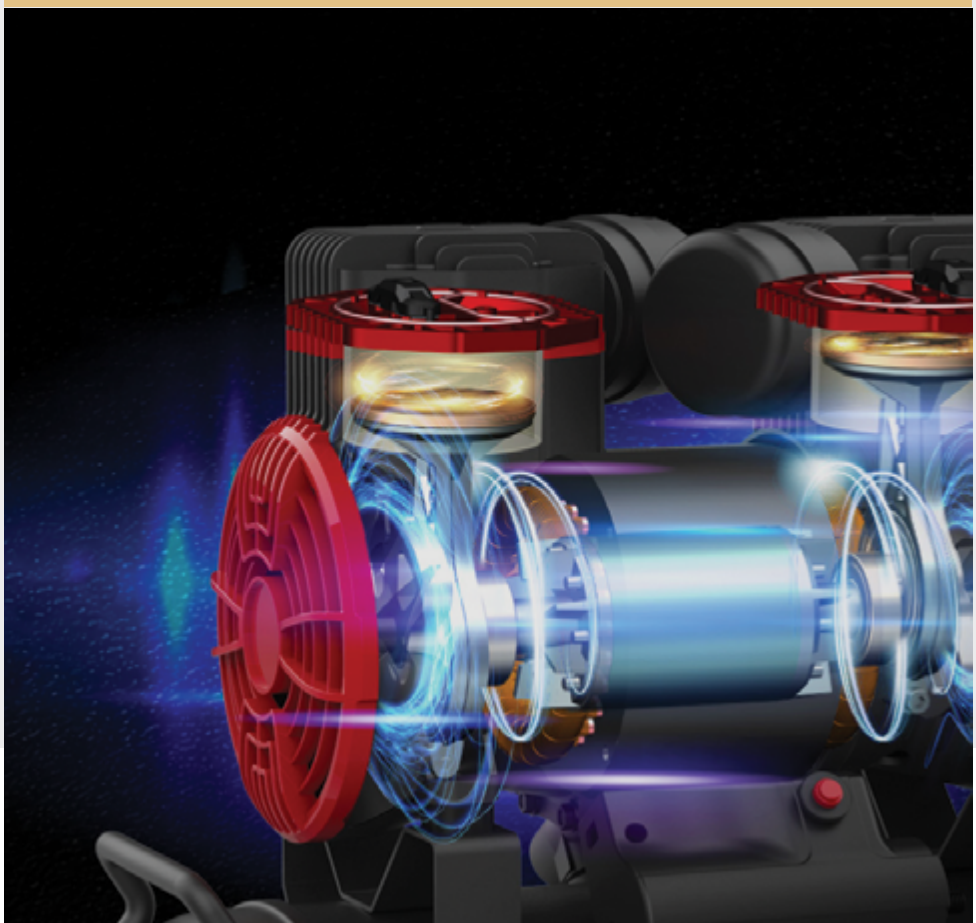
INCLUDED ACCESSORIES

- 1 x metal hose 0.8m
- 1 x aluminum tube Ø28-20cm
- 1 x washable HEPA filter

**NOTE: Battery and charger are not included. The product is compatible with batteries EL-PBA01 with catalogue number 59563-15 and 59563-30.*

Scan each QR code to see product price and availability.

AIR COMPRESSORS





OIL-FREE AIR COMPRESSOR 18L, EL-AC18L

59670

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

APPLICATION

• Suitable to work with multiple air tools such as nailer, paint gun, pneumatic wrench, drill and etc.
• Can be used in home repair, car tire inflation, vehicle cleaning, painting, auto industry, medical industry and etc.

FEATURES

- OIL-FREE Technology
- Low noise and low vibration
- Stable continuous working
- High- efficiency patented cooling system
- Support low voltage start
- Includes quick connect regulator
- Multiple protection devices
- Equipped with electromagnetic valve
- Built-in thermal protection
- Built-out overload protection
- Easy to move with 6 inch wheel

TECHNICAL DATA

- Model: EL-AC18L
- Rated voltage: 220-240V
- Frequency: 50Hz
- Input power: 900W
- Tank capacity: 18L
- Motor speed: 2800rpm
- Flow rate 8bar: 65L/min
- Flow rate 4bar: 100L/min
- Noise level: 70dB
- Gross weight: 15kg



OIL-FREE AIR COMPRESSOR 24L, EL-AC24L

59671

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

APPLICATION

• Suitable to work with multiple air tools such as nailer, paint gun, pneumatic wrench, drill and etc.
• Can be used in home repair, car tire inflation, vechicle cleaning, painting, auto industry, medical industry and etc.

FEATURES

- OIL-FREE Technology
- Low noise and low vibration
- Stable continuous working
- High- efficiency patented cooling system
- Dual air outlets, convenient to supply different tools in the same time
- Includes quick connect regulator
- Multiple protection devices
- Equipped with electromagnetic valve
- Built-in thermal protection
- Built-out overload protection

TECHNICAL DATA

- Model: EL-AC24L
- Rated voltage: 220-240V
- Frequency: 50Hz
- Input power: 1450W
- Tank capacity: 24L
- Motor speed: 2800rpm
- Flow rate 8bar: 95L/min
- Flow rate 4bar: 140L/min
- Noise level: 72dB
- Gross weight: 21.5kg

Scan each QR code to see product price and availability.



OIL-FREE AIR COMPRESSOR 50L, EL-AC50L

59672

APPLICATION

Suitable to work with multiple air tools such as nailer, paint gun, pneumatic wrench, drill and etc.
Can be used in home repair, car tire inflation, vehicle cleaning, painting, auto industry, medical industry and etc.

FEATURES

- OIL-FREE Technology
- Low noise and low vibration
- Stable continuous working
- High- efficiency patented cooling system
- Dual air outlets, convenient to supply different tools in the same time
- Support low voltage start
- Includes quick connect regulator
- Multiple protection devices
- Equipped with electromagnetic valve
- Built-in thermal protection
- Built-out overload protection
- Suitable for professional automotive painting spray gun

TECHNICAL DATA

- Model: EL-AC50L
- Rated voltage: 220-240V
- Frequency: 50Hz
- Input power: 2x1450W
- Tank capacity: 50L
- Motor speed: 2800rpm
- Flow rate 8bar: 190L/min
- Flow rate 4bar: 280L/min
- Noise level: 75dB
- Gross weight: 40kg

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended



OIL-FREE AIR COMPRESSOR 100L, EL-AC100L

59673

APPLICATION

- Suitable to work with multiple air tools such as nailer, paint gun, pneumatic wrench, drill and etc.
- Can be used in home repair, car tire inflation, vehicle cleaning, painting, auto industry, medical industry and etc.

FEATURES

- OIL-FREE Technology
- Digital control box
- Delayed start of each motor, effectively reducing the demand on the power supply
- Low noise and low vibration
- Stable continuous working
- High- efficiency patented cooling system
- Support low voltage start
- Includes quick connect regulator
- Multiple protection devices
- Equipped with electromagnetic valve
- Built-in thermal protection
- Built-out overload protection
- Suitable for small workplaces

TECHNICAL DATA

- Model: EL-AC100L
- Frequency: 50Hz
- Input power: 3x1450W
- Tank capacity: 100L
- Motor speed: 2800rpm
- Flow rate 8bar: 280L/min
- Flow rate 4bar: 500L/min
- Noise level: 75dB
- Gross weight: 74kg

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

Scan each QR code to see product price and availability.



TIRE INFLATING GUN WITH MANOMETER, EL-TG2

59674

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

APPLICATION

- For inflating motorcycles, cars and truck tires

FEATURES

- High-strength aluminum alloy body
- Stable in quality and durable
- Good hand feeling and flexible and comfortable hose rotation

TECHNICAL DATA

- Model: EL-TG2
- Air inlet: 1/4”
- Rated pressure: 150psi (10bar)
- Max. pressure: 220psi (15bar)
- Pressure range: 0-15bar
- Gun material: Aluminum alloy



AIR BLOW GUN, EL-PAG5

59675

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

APPLICATION

- For remove of debris, non-contact drying and blowing
- It is used in house, laboratories and manufacturing industries

FEATURES

- High-strength aluminum alloy body
- Stable in quality and durable
- Good hand feeling

TECHNICAL DATA

- Model: EL-PAG5
- Air inlet: 1/4”
- Rated pressure: 150psi (10bar)
- Max. pressure: 220psi (15bar)
- Gun material: Aluminum alloy



AIR FILTER AND REGULATOR, EL-AFR80

59676

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

FUNCTION

- Regulator: To control the speed and precision of the flow of liquids and air.
- Filter: cleans the air that travels from the compressor. Scrubs, strains and traps solid particles (dust, dirt, rust) and separates liquids (water, oil) within the compressed air.

TECHNICAL DATA

- Model: EL-AFR80
- Rated flow: 800L/min
- Port size: 1/4”; 3/8”; 1/2”
- Rated pressure: 0-150psi (0-10bar)
- Max. pressure: 220psi (15bar)



AIR FILTER, REGULATOR AND LUBRICATOR, EL-AFRL80

59677

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

FUNCTION

- Regulator: To control the speed and precision of the flow of liquids and air.
- Filter: cleans the air that travels from the compressor. Scrubs, strains and traps solid particles (dust, dirt, rust) and separates liquids (water, oil) within the compressed air.
- Lubricator: A lubricator adds controlled quantities of tool oil into a compressed air system to reduce the friction of moving components. Most air tools, cylinders, valves, air motors, and other air-driven equipment require lubrication to extend their useful life.

TECHNICAL DATA

- Model: EL-AFRL80
- Rated flow: 800L/min
- Port size: 1/4"; 3/8"; 1/2"
- Rated pressure: 0-150psi (0-10bar)
- Max. pressure: 220psi (15bar)



EXCELLENT ATOMIZATION SPRAY GUN 1.5MM, EL-W71

59678

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

APPLICATION

- Wide range of applications for low and medium surface spraying requirements, such as spraying of doors, windows, woodworking, building materials, machinery equipments, industrial, etc.

FEATURES

- Economical and durable, cost-effective
- High quality stainless steel nozzle and needle
- Wear-resistant, the atomization performance remains unchanged under long time use

TECHNICAL DATA

- Model: EL-W71
- Nozzle size: 1.5mm
- Air inlet: 1/4"(bsp/npt/nps)
- Optimal working pressure: 43psi (3.0bar)
- Max. pressure: 57psi (4.0bar)
- Air consumption: 3-4cfm
- Pattern width: 150-190mm
- Spray distance: 200mm
- Cup capacity: 400ml

Scan each QR code to see product price and availability.



ENVIRONMENTAL L.V.M.P. SPRAY GUN 1.4MM, EL-NV1

59679

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

LVMP TECHNOLOGY: Low Volume Medium Pressure

APPLICATION

- High paint volume, thick paint film, suitable for technicians who are accustomed to high-efficiency spraying
- Suitable for details witch needed fine finishing with more thoroughly coating

FEATURES

- Specially designed for high-frequency working users for long-lasting spraying without fatigue.
- Ergonomic design for precise positioning and easy adjust
- Teflon surface, nonstick and easy to clean.
- High paint transfer efficiency and low paint consumption,economical and environment-friendly.
- 304 stainless steel nozzle and needle, exquisite processing technology , wear-resistant, the atomization performance remains unchanged under long time use
- Paint use efficiency increase 20%

TECHNICAL DATA

- Model: EL-NV1
- Nozzle size: 1.4mm
- Air inlet: 1/4"(bsp/npt/nps)
- Optimal working pressure: 36psi (2.5bar)
- Max. pressure: 50psi (3.5bar)
- Air consumption: 9-11cfm
- Pattern width: 220-260mm
- Spray distance: 200mm
- Cup capacity: 600ml



ENVIRONMENTAL L.V.M.P. SPRAY GUN 1.8MM, EL-NV1

59680

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

LVMP TECHNOLOGY: Low Volume Medium Pressure: Uses a smaller volume of air and produces a medium pressure— which allows the gun to turn paint finishes for finest atomization

APPLICATION

- High paint volume, thick paint film, suitable for technicians who are accustomed to high-efficiency spraying
- Suitable for details witch needed fine finishing with more thoroughly coating

FEATURES

- Specially designed for high-frequency working users for long-lasting spraying without fatigue.
- Ergonomic design for precise positioning and easy adjust
- Teflon surface, nonstick and easy to clean.
- High paint transfer efficiency and low paint consumption,economical and environment-friendly.
- 304 stainless steel nozzle and needle, exquisite processing technology , wear-resistant, the atomization performance remains unchanged under long time use
- Paint use efficiency increase 20%

TECHNICAL DATA

- Model: EL-NV1
- Nozzle size: 1.8mm
- Air inlet: 1/4"(bsp/npt/nps)
- Optimal working pressure: 36psi (2.5bar)
- Max. pressure: 50psi (3.5bar)
- Air consumption: 9-11cfm
- Pattern width: 220-260mm
- Spray distance: 200mm
- Cup capacity: 600ml



ENVIRONMENTAL H.V.L.P. SPRAY GUN 1.4MM, EL-LN1

59681

HVLP TECHNOLOGY: High Volume Low Pressure: Uses a high volume of air, but at a low pressure — which allows the gun to turn paint, stain, varnish, or lacquer into a very fine mist

APPLICATION

- Medium paint volume, medium paint film, suitable for technicians with general spraying habits.
- Ideal for use on trim, finish work, furniture staining, cabinet painting, and any detailed applications where high-accuracy, speed, and a smooth finish are needed.

FEATURES

- Specially designed for high-frequency working users for long-lasting spraying without fatigue.
- Ergonomic design for precise positioning and easy adjust
- Teflon surface, nonstick and easy to clean.
- High paint transfer efficiency and low paint consumption,economical and environment-friendly.
- 304 stainless steel nozzle and needle, exquisite processing technology , wear-resistant, the atomization performance remains unchanged under long time use
- Paint use efficiency increase 30%

TECHNICAL DATA

- Model: EL-LN1
- Nozzle size: 1.4mm
- Air inlet: 1/4"(bsp/npt/nps)
- Optimal working pressure: 50psi (3.5bar)
- Max. pressure: 57psi (4.0bar)
- Air consumption: 11-12cfm
- Pattern width: 240-270mm
- Spray distance: 200mm
- Cup capacity: 600ml

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended



ENVIRONMENTAL H.V.L.P. SPRAY GUN SET WITH 1.7MM & 2.0MM NOZZLE, EL-LN1

59682

LVLP TECHNOLOGY: High Volume Low Pressure: Uses a high volume of air, but at a low pressure — which allows the gun to turn paint, stain, varnish, or lacquer into a very fine mist.

APPLICATION

- Medium paint volume, medium paint film, suitable for technicians with general spraying habits.
- Ideal for use on trim, finish work, furniture staining, cabinet painting, and any detailed applications where high-accuracy, speed, and a smooth finish are needed.

FEATURES

- Specially designed for high-frequency working users for long-lasting spraying without fatigue.
- Ergonomic design for precise positioning and easy adjust
- Teflon surface, nonstick and easy to clean.
- High paint transfer efficiency and low paint consumption,economical and environment-friendly.
- 304 stainless steel nozzle and needle, exquisite processing technology , wear-resistant, the atomization performance remains unchanged under long time use
- Paint use efficiency increase 30%

TECHNICAL DATA

- Model: EL-LN1
- Nozzle size: 1.7 + 2.0mm
- Air inlet: 1/4"(bsp/npt/nps)
- Optimal working pressure: 50psi (3.5bar)
- Max. pressure: 57psi (4.0bar)
- Air consumption: 11-12cfm
- Pattern width: 240-270mm
- Spray distance: 200mm
- Cup capacity: 600ml

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

Scan each QR code to see product price and availability.



CHARGER 12/24V FOR LEAD ACID BATTERIES, EL-20CD

59590

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

TECHNICAL DATA

- Model: EL-20CD
- Input voltage: 230V
- Charging voltage: 12/24V
- Charging current: 12-16A
- Absorbed power: 220-320W
- Battery capacity: 60-200 Ah
- Ampere meter: built-in
- IP degree: IP20
- Product weight: 6.45kg



INVERTER CHARGER FOR LEAD ACID BATTERIES 12/24V, EL-10G

59591

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

TECHNICAL DATA

- Model: EL-10G
- Input voltage: 230V
- Charging voltage: 12/24V
- Charging current: 5-10A
- Absorbed power: 130W
- Battery capacity: 50-300 Ah
- Display: LED with battery power, charging current and voltage parameters
- Automatic charging identification 12 or 24V
- Motorcycle and car charging detection function
- IP degree: IP20
- Product weight: 1.0kg



IGBT/MMA INVERTER WELDER 20-140A, 60% DUTY CYCLE

59592

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

FEATURES

- Long time safety operating at a given amperage- 60% duty cycle
- All-digital and software controlled machine
- Constant power output
- Anti-stick function
- Arc force function
- Hot start function

INCLUDED ACCESSORIES

- 1 x earth clamp 200A with 1m cable
- 1 x electrode holder 200A with 1m cable
- 1 x brush with hammer
- 1 x protective mask

TECHNICAL DATA

- Model: EL-IGBT140
- Input voltage: 230V
- Frequency: 50-60Hz
- Rated input capacity: 4.5KVA
- Power factor: 0.93
- Max. no-load voltage: 60V
- Current range: 20-140A
- Ratted duty cycle: 60%
- Usable electrode range: 1.6-3.2mm
- Insulation class: H
- IP degree: IP21
- Power cable length: 1.5m
- Product size: 315x225x265mm
- Product weight: 4.5kg

Scan each QR code to see product price and availability.



IGBT/MMA INVERTER WELDER 20-180A, 60% DUTY CYCLE

59593

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

FEATURES

- Long time safety operating at a given amperage- 60% duty cycle
- All-digital and software controlled machine
- Constant power output
- Anti-stick function
- Arc force function
- Hot start function

INCLUDED ACCESSORIES

- 1 x earth clamp 200A with 1m cable
- 1 x electrode holder 200A with 1m cable
- 1 x brush with hammer
- 1 x protective mask

TECHNICAL DATA

- Model: EL-IGBT180
- Input voltage: 230V
- Frequency: 50-60Hz
- Rated input capacity: 6.2KVA
- Power factor: 0.93
- Max. no-load voltage: 60V
- Current range: 20-180A
- Ratted duty cycle: 60%
- Usable electrode range: 2.5-4.0mm
- Insulation class: H
- IP degree: IP21
- Power cable length: 1.5m
- Product size: 315x225x265mm
- Product weight: 4.8kg



3 IN 1 MIG/MMA/TIG WELDING INVERTER 20-140A

59595

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

FEATURES

- Multi purpose welding machine
- With single circuit board (PCB) for higher reliability
- Gas or no gas welding
- With SNY (synergic program)
- With LCD display
- Wide range of working material
- High welding speed
- Better control on thinner metal
- Easy to learn

INCLUDED ACCESSORIES

- 1 x earth clamp 200A with 1.4m cable
- 1 x electrode holder 200A with 1m cable
- 1 x connected MIG torch 1.8m
- 1 x brush with hammer
- 1 x protective mask

TECHNICAL DATA

- Model: EL-MMT140
- Input voltage: 230V
- Frequency: 50-60Hz
- Working voltage: 15.5-20V
- Power factor: 0.73
- Max. no-load voltage: 60V
- Current range: 20-140A
- Ratted duty cycle: 40%
- Efficiency: 85%
- Usable electrode range: 1.6-3.2mm
- Insulation class: F
- IP degree: IP21
- Power cable length: 1.5m
- Product size: 418x210x350mm
- Product weight: 13kg

Scan each QR code to see product price and availability.

GARDEN MAINTENANCE EQUIPMENT



5 YEARS TOTAL WARRANTY
3 standard + 2 extended



GARDEN TROWEL

598183

TECHNICAL DATA
- Type: Garden trowel
- Material: Carbon steel



GARDEN HAND RAKE

598184

TECHNICAL DATA
- Type: Garden hand rake
- Material: Carbon steel



GARDEN SHRUB RAKE

598185

TECHNICAL DATA
- Type: Garden shrub rake
- Material: Carbon steel



GARDEN CULTIVATOR

598186

TECHNICAL DATA
- Type: Garden cultivator
- Material: Carbon steel



GARDEN HOE

598187

TECHNICAL DATA
- Type: Garden hoe
- Material: Carbon steel

Scan each QR code to see product price and availability.



CRV GARDEN SHEAR 200MM

598180

TECHNICAL DATA
- Type: Garden shear
- Material: Chrome vanadium steel
- Size: 200mm

CrV



TREE PRUNER

598182

TECHNICAL DATA
- Type: Tree pruner
- Blade material: High carbon steel
- Saw blade width: 65mm
- Handle: Telescopic steel handle with foam grip



HANDSAW 400MM

598188

TECHNICAL DATA
- Type: Handsaw
- Saw blade material: Durable high carbon steel with impulse hardened teeth
- Material: ABS plastic handle with rubber grip absorbs vibration while cutting
- Size: 400mm



HANDSAW 150MM

598189

TECHNICAL DATA
- Type: Handsaw
- Saw blade material: Durable high carbon steel with impulse hardened teeth
- Size: 150mm

5 YEARS TOTAL WARRANTY
3 standard + 2 extended

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
+ 3 standard
2 extended



PRUNING SAW 300MM

598190

TECHNICAL DATA

- Type: Pruning saw
- Saw blade material: Durable high carbon steel with impulse hardened teeth
- Material: ABS plastic handle with rubber grip absorbs vibration while cutting
- Size: 300mm



FIBERGLASS HANDLE AXE 1000G

598354

TECHNICAL DATA

- Head material: Heat treated carbon steel
- Handle material: Fiberglass
- Blade hardness: HRC 47-57
- Weight: 1000g



FIBERGLASS HANDLE AXE 1500G

598355

TECHNICAL DATA

- Head material: Heat treated carbon steel
- Handle material: Fiberglass
- Blade hardness: HRC 47-57
- Weight: 1500g

Scan each QR code to see product price and availability.

ELECTRICAL GARDEN TOOLS





ELECTRIC CHAIN SAW 2400W, EL-157

59570

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

FEATURES

- Window for viewing oil level
- Metal gear, long life
- Automatic oiling system
- Soft start
- Tool-Free Tensioning
- Comfortable handle with rubber
- Double safety brake

TECHNICAL DATA

- Rated Voltage: 230V
- Rated Frequency: 50Hz
- Input Power: 2400W
- Bar Length: 457mm
- Double Safety Brake: Yes
- Auto Lubricate: Yes
- Chain Speed: 13.1m/s
- Chain Size: 18" 3/8 050 63links
- Brake Time: <0.12s
- Max Cutting Length: 440mm
- Dimension: 565x360x235mm
- Cable length: 250mm\



ELECTRIC GRASS TRIMMER 300W, EL-229

59572

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

FEATURES

- Small body, easy to operate
- High speed, bump feed

TECHNICAL DATA

- Rated Voltage: 230V
- Rated Frequency: 50Hz
- Input Power: 300W
- No-load Spool Speed: 1100rpm
- Max Cutting Length: 220mm
- Nylon Diameter: 1.2mm
- Line Length: 6m
- Cable length: 250mm



ELECTRIC GRASS TRIMMER 550W, EL-222

59573

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

FEATURES

- Various angle adjust handle
- High speed, bump feed
- Rotary head to 180 degree
- Trimming and edging function for choosing

TECHNICAL DATA

- Rated Voltage: 230V
- Rated Frequency: 50Hz
- Input Power: 550W
- No-load Spool Speed: 10000rpm
- Max Cutting Length: 300mm
- Nylon Diameter: 1.6mm
- Line Length: 5m
- Dimension: 880x220x110mm
- Cable length: 250mm

RoHs COMPLIANT
CE

Scan each QR code to see product price and availability.



ELECTRIC LAWN MOWER 1200W, EL-109

59571

FEATURES

- Adjustable foldable handle
- Adjustable wheels with 3 settings: 25/45/65mm
- Catcher with dust-free cloth

TECHNICAL DATA

- Rated Voltage: 230V
- Rated Frequency: 50Hz
- Input Power: 1200W
- No-load Speed: 3100rpm
- Cutting height: 25/45/62mm
- Max Cutting Length: 320mm
- Dimension: 605x380x280mm

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended



CORDED LAWN MOVER EL-LM45

59545

TECHNICAL DATA

- Power: 1600W
- Material: PP; ABS and manganese steel
- Cutting diameter: 32cm
- No-load speed: 3300-3600r/min
- 3 gear to adjust the height: 25; 45 and 65mm
- 30L large capacity dust collecting box
- Weight: 7.85kg

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended



CORDED LEAF VACUUM EL-LV47

59547

TECHNICAL DATA

- Power: 3000W
- No-load speed: 9000-14000r/min
- Air volume: 13.2m3/min
- Wind speed: 270km/h
- Dust collection bag: 40L (include 1pc Dust collecting bag)
- Weight: 2.9kg
- Product size: 1200mm

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

Scan each QR code to see product price and availability.



ELECTRIC GARDEN SHREDDER 2600W 50L, EL-EGS001

59617

TECHNICAL DATA

- Ratted voltage: 230V/ 50Hz
- Power: 2600W
- No-load speed: 4500r/min
- Cutting diameter: 45mm
- Box capacity: 50L
- SK5 shredder blade
- Overload protection switch
- Double action switch
- Cable length: 0.35m

INCLUDED ACCESSORIES

- 1 x dust bag
- 1 x auxiliary handle soft rubber
- 1 x S5 hexagonal bond
- 2 x S-connectors
- 1 x dust collection tube 2m
- 6 x sandpaper

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended



Li-ion

** EL-CCS65 is compatible with battery EL-B64 with catalogue number 59564*

21V CORDLESS CHAIN SAW EL-CCS65 + PLASTIC CASE, SET

59565

TECHNICAL DATA

Voltage: 21V
Charging time: 2h
Battery capacity: 1500mAh Li-ion
No-load speed: 360r/min
Cutting length: 200mm
Blade diameter: 20mm
Function: Charge protection; battery replaceable

THE SET INCLUDES

- 1 chain saw;
- 1 battery;
- 1 battery charger.

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended



Li-ion

** EL-CCS66 is compatible with battery EL-B64 with catalogue number 59564*

21V CORDLESS CHAIN SAW EL-CCS66

59566

TECHNICAL DATA

- Voltage: 21V
- Charging time: 2h
- Battery capacity: 1500mAh Li-ion
- No-load speed: 2950r/min
- Cutting length: 305mm
- No-load current: 5.5A
- Function: Charge protection; battery replaceable

THE SET INCLUDES

- 1 chain saw;
- 1 battery;
- 1 battery charger;
- 1 handle;
- 1 baffle;
- 1 socket wrench.

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

Scan each QR code to see product price and availability.



20V CORDLESS HEDGE TRIMMER, EL-107

59575

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

FEATURES

- ±90°Adjustable handle
- 450mm laser blade, more durable
- Handle covered with rubber, comfortable to use

TECHNICAL DATA

- Rated Voltage: 20V
- No-load Speed: 3000rpm
- Max. Cutting Width: 16mm
- Cutting Length: 450mm
- Cutting Time: 30-35min
- Battery Charge Time: 1h
- Battery capacity: 2Ah
- 1 Battery and 1 battery charger: Included
- Dimension: 952x256x222mm



Li-ion

21V CORDLESS LAWN MOWER EL-CLM69

59569

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

TECHNICAL DATA

- Voltage: 21V
- Cutting diameter: 150mm
- Charging time: 1.4h
- Charging output: 1.3A
- Battery capacity: 2000mAh Li-ion
- No-load speed: 9500r/min
- No-load working time: 110-140min
- Motor type: Carbon brush
- No-load current: 5.5A
- Function: Charge protection; battery replaceable
- Length: 885mm
- Weight: 1.360kg

THE SET INCLUDES

- 1 lawn mower;
- 1 battery and 1 battery charger;
- 2 metal blades and 5 plastic blades;
- 1 circular saw;
- 1 auxiliary handle

** EL-CLM69 is compatible with battery EL-B64 with catalogue number 59564*



20V CORDLESS GRASS TRIMMER WITH BATTERY AND CHARGER, EL-220

59576

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

FEATURES

- The handle can be rotated 180 °
- With trimmer function
- The tube can be float in three parts
- Single Line
- Concealed buttonhole

TECHNICAL DATA

- Rated Voltage: 20V
- No-load Speed: 8500rpm
- Cutting Time: 15-20min
- Battery Charge Time: 1h
- Battery capacity: 2Ah
- 1 Battery and 1 battery charger: Included
- Dimension: 615x180x140mm

Scan each QR code to see product price and availability.



3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

20V+20V BRUSHLESS LAWN MOWER WITH 2 BATTERY AND CHARGER, EL-107

59574

FEATURES

- Brushless motor for longer life time, lower noise
- Central height adjustment, 6 settings
- Foldable handle easy for storage
- Quick release clamps
- Rotation handle make work more comfortable
- Safety key to avoid children use
- With mulching function
- With grass catcher indicator

TECHNICAL DATA

- Rated Voltage: 20V+20V
- No-load Speed: 8500rpm
- Cutting Height: 5 Settings from 25-75mm
- Max Cutting Length: 400mm
- Battery capacity: 2 x 4Ah
- 2 Battery and 1 double battery charger: Included
- Grass box volume: 55l

RoHs COMPLIANT
CE

Scan each QR code to see product price and availability.

HIGH PRESSURE WASHERS & WATER PUMPS





HIGH PRESSURE WASHER 1200W, EL-215HPW

59577

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

FEATURES

- 3 Axial-plunger wobble-plate pump
- Tempered stainless steel plunger
- Total stop system
- Self-resetting thermal protector
- Quick-connect accessories
- Portable design with handle

SET INCLUDES

- High pressure washer
- Spray gun with adjustable spray nozzle
- Power cord with plug
- High pressure hose with filter 5m
- Water inlet quick connector
- Nozzle cleaning pin

TECHNICAL DATA

- Model: EL-215HPW
- Voltage: 220-240 AC
- Frequency: 50/60Hz
- Power: 1200W
- Rated pressure: 70 bar
- Max. pressure: 100 bar
- Rated flow: 5.5L/min
- Max. flow: 6.5L/min
- Motor type: Carbon Brush Motor
- Cable length: 5m



MINI HIGH PRESSURE WASHER 1600W, EL-511HPW

59578

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

FEATURES

- 3 Axial-plunger wobble-plate pump
- Tempered stainless steel plunger
- Total stop system
- Self-resetting thermal protector
- Quick-connect accessories
- Portable design with handle

TECHNICAL DATA

- Model: EL-511HPW
- Voltage: 220-240 AC
- Frequency: 50/60Hz
- Power: 1600W
- Rated pressure: 90 bar
- Max. pressure: 130 bar
- Rated flow: 6.0L/min
- Max. flow: 7.0L/min
- Motor type: Carbon Brush Motor
- Cable length: 5m

SET INCLUDES

- High pressure washer
- High Pressure Gun
- 0°, 15°, 25°, 40° and chemical nozzle
- Power cord with plug
- High pressure hose with filter 5m
- Water inlet quick connector
- Nozzle cleaning pin

Scan each QR code to see product price and availability.



CORDLESS HIGH PRESSURE WASHER

59579

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

FEATURES

- IPX5 waterproof battery pack
- Ergonomic and user-friendly design
- Total stop system
- High-efficiency cleaning performance
- Multiple safety protection

SET INCLUDES

- High Pressure Cordless Gun
- High pressure hose with filter 5m
- 1pc 20V 2.0Ah Battery
- 1pc Charger

TECHNICAL DATA

- Model: EL-101CHPW
- Power: 200W
- Battery: 20V, 2Ah
- Rated pressure: 25 bar
- Max. pressure: 40 bar
- Rated flow: 2.2L/min
- Max. flow: 3.0L/min
- Net weight: 2.43kg
- Dimension (LxWxH): 342x278x65



HIGH PRESSURE WASHER 1400W, EL-203HPW

59580

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

FEATURES

- 3 Axial-plunger wobble-plate pump
- Tempered stainless steel plunger
- Total stop system
- Self-resetting thermal protector
- Quick-connect accessories
- Portable design with handle

SET INCLUDES

- High pressure washer
- Spray gun with adjustable spray nozzle
- Power cord with plug
- High pressure hose with filter 5m
- Water inlet quick connector
- Nozzle cleaning pin

TECHNICAL DATA

- Model: EL-203HPW
- Voltage: 220-240 AC
- Frequency: 50/60Hz
- Power: 1400W
- Rated pressure: 80 bar
- Max. pressure: 110 bar
- Rated flow: 5.5L/min
- Max. flow: 6.5L/min
- Motor type: Carbon Brush Motor
- Cable length: 5m



HIGH PRESSURE WASHER 1800W, EL-502HPW

59581

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

FEATURES

- 3 Axial-plunger wobble-plate pump
- Tempered stainless steel plunger
- Total stop system
- Self-resetting thermal protector
- Quick-connect accessories
- Equipped with wheels and handle

SET INCLUDES

- High pressure washer
- Spray gun with adjustable spray nozzle
- Power cord with plug
- High pressure hose with filter 5m
- Water inlet quick connector
- Nozzle cleaning pin
- Built-in detergent tank

TECHNICAL DATA

- Model: EL-502HPW
- Voltage: 220-240 AC
- Frequency: 50/60Hz
- Power: 1800W
- Rated pressure: 100 bar
- Max. pressure: 140 bar
- Rated flow: 6.0L/min
- Max. flow: 7.0L/min
- Motor type: Carbon Brush Motor
- Cable length: 5m

HIGH PRESSURE ACCESSORIES

59582
SOAP BOTTLES 400ML



59583
ROTATING BRUSH KIT



59584
BRUSH KIT



59585
CAR WHEEL BRUSH



Scan each QR code to see product price and availability.



SELF-PRIMING WATER PUMP FOR CLEAR WATER 550W

59650

3 YEARS TOTAL WARRANTY
3 standard + 0 extended

APPLICATION

- Water gardens, orchards, farm irrigation and so on

TECHNICAL DATA

- Model: EL-JP80
- Rated voltage: 230V
- Power: 550W
- Max. head: 40m
- Max. flow: 45L/min
- Max suction: 9m
- Max solid impurity: 0.1%
- Water temperature: 0-85°
- Inlet / Outlet diameter: 1 x 1" (25 x 25mm)
- Insulation class: F
- IP degree: IP54



SELF-PRIMING WATER PUMP FOR CLEAR WATER 750W

59651

3 YEARS TOTAL WARRANTY
3 standard + 0 extended

APPLICATION

- Water gardens, orchards, farm irrigation and so on
- Designed for clear water

TECHNICAL DATA

- Model: EL-JP100
- Rated voltage: 230V
- Power: 750W
- Max. head: 50m
- Max. flow: 60L/min
- Max suction: 9m
- Max solid impurity: 0.1%
- Water temperature: 0-85°
- Inlet / Outlet diameter: 1 x 1" (25 x 25mm)
- Insulation class: F
- IP degree: IP54



AUTOMATIC SELF-PRIMING WATER PUMP FOR CLEAR WATER WITH 24L PRESSURE STAINLESS STEEL TANK 550W, EL-80S

59652

3 YEARS TOTAL WARRANTY
3 standard + 0 extended

APPLICATION

- Irrigation, domestic water supply and pressure boosting, as well as for water supply under constant pressure
- Designed for clear water

TECHNICAL DATA

- Model: EL-80S
- Rated voltage: 230V
- Power: 550W
- Max. head: 40m
- Max. flow: 45L/min
- Max suction: 9m
- Max solid impurity: 0.1%
- Water temperature: 0-85°
- Pump head material: Stainless steel
- Inlet / Outlet diameter: 1 x 1" (25 x 25mm)
- Insulation class: F
- IP degree: IP54

Scan each QR code to see product price and availability.



AUTOMATIC SELF-PRIMING WATER PUMP FOR CLEAR WATER WITH 24L PRESSURE STAINLESS STEEL TANK 750W, EL-100S

59653

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

APPLICATION

- Irrigation, domestic water supply and pressure boosting, as well as for water supply under constant pressure
- Designed for clear water

TECHNICAL DATA

- Model: EL-100S
- Rated voltage: 230V
- Power: 750W
- Max. head: 50m
- Max. flow: 60L/min
- Max sucing: 9m
- Max solid impurity: 0.1%
- Water temperature: 0-85°
- Pump head material: Stainless steel
- Inlet / Outlet diameter: 1 x 1" (25 x 25mm)
- Insulation class: F
- IP degree: IP54



SUBMERSIBLE WATER PUMP FOR CLEAR WATER WITH FLOAT SWITCH 550W, EL-QDX3

59654

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

APPLICATION

- Water gardens, orchards, farm irrigation, aquaculture, fish ponds
- Designed for clear water with PH: 6.5-8.5

TECHNICAL DATA

- Model: EL-QDX3
- Rated voltage: 230V
- Power: 550W
- Max. head: 18m
- Max. flow: 8m^3/h
- Max depth: 5m
- Max solid impurity: 0.1%
- Max water temperature: 40°
- Outlet diameter: 1" (25mm)
- Insulation class: F
- IP degree: IP54
- Cable length: 8m



SUBMERSIBLE WATER PUMP FOR CLEAR WATER WITH FLOAT SWITCH 750W, EL-QDX10

59655

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

APPLICATION

- Water gardens, orchards, farm irrigation, aquaculture, fish ponds
- Designed for clear water with PH: 6.5-8.5

TECHNICAL DATA

- Model: EL-QDX10
- Rated voltage: 230V
- Power: 750W
- Max. head: 16m
- Max. flow: 20m^3/h
- Max depth: 5m
- Max solid impurity: 0.1%
- Max water temperature: 40°
- Outlet diameter: 1" (25mm)
- Insulation class: F
- IP degree: IP54
- Cable length: 8m

Scan each QR code to see product price and availability.



SUBMERSIBLE SEWAGE WATER PUMP FOR DIRTY WATER WITH FLOAT SWITCH 750W, EL-WQCD10

59656

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

APPLICATION

- Designed for dirty water with PH: 4-10

TECHNICAL DATA

- Model: EL-WQCD10
- Rated voltage: 230V
- Power: 750W
- Max. head: 10m
- Max. flow: 10m^3/h
- Max depth: 5m
- Max solid impurity: 2%
- Water temperature: 0-40°
- Outlet diameter: 2" (50mm)
- With thermal protection
- Insulation class: F
- IP degree: IP54
- Cable length: 8m



SUBMERSIBLE SEWAGE WATER PUMP FOR DIRTY WATER WITH FLOAT SWITCH 1100W, EL-V1100

59657

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

APPLICATION

- Designed for dirty water with PH: 4-10
- For sludge transfer

TECHNICAL DATA

- Model: EL-V1100
- Rated voltage: 230V
- Power: 1100W
- Max. head: 12m
- Max. flow: 18m^3/h
- Max depth: 5m
- Max solid impurity: 2%
- Water temperature: 0-40°
- Outlet diameter: 2" (50mm)
- With thermal protection
- Insulation class: F
- IP degree: IP54
- Cable length: 8m



VIBRATION WATER PUMP FOR CLEAR WATER 280W

59658

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

APPLICATION

- Water gardens, orchards, farm irrigation and so on
- Designed for clear water with PH: 6.5-8.5

TECHNICAL DATA

- Model: EL-VMP60
- Rated voltage: 230V
- Power: 280W
- Max. head: 70m
- Max. flow: 18L/min
- Max depth: 5m
- Max solid impurity: 0.1%
- Water temperature: 0-40°
- Outlet diameter: 1" (25mm)
- Insulation class: F
- IP degree: IPX8
- Cable length: 10m



IRRIGATION DEEP WELL CLEAR WATER PUMP 750W, EL-SKM100

59659

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

APPLICATION

- Designed for clear water
- Gardens watering, orchids, irrigation as well as for domestic water supply.
- To lift water from well or reservoir

TECHNICAL DATA

- Model: EL-SKM100
- Rated voltage: 230V
- Power: 750W
- Max. head: 60m
- Max. flow: 2.7m^3/h
- Max depth: 5m
- Max solid impurity: 0.5%
- Water temperature: 0-40°
- Outlet diameter: 1" (25mm)
- Cable length: 15m



IRRIGATION DEEP WELL CLEAR WATER PUMP 1000W, EL-SKM150

59660

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

APPLICATION

- Designed for clear water
- Gardens watering, orchids, irrigation as well as for domestic water supply.
- To lift water from well or reservoir

TECHNICAL DATA

- Model: EL-SKM150
- Rated voltage: 230V
- Power: 1000W
- Max. head: 60m
- Max. flow: 2.7m^3/h
- Max depth: 5m
- Max solid impurity: 0.5%
- Water temperature: 0-40°
- Outlet diameter: 1" (25mm)
- Cable length: 15m

Scan each QR code to see product price and availability.

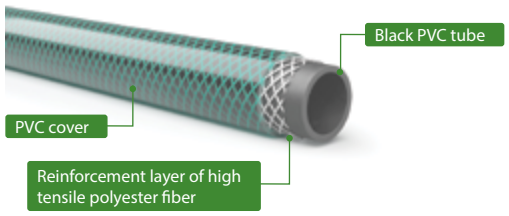
GARDEN WATERING



ELMARK
The Brand of Electricity



2 YEARS TOTAL WARRANTY
2 standard + 0 extended



THREE LAYERED PVC GARDEN HOSES

CONSTRUCTION

- Layer 1: Black PVC tube
- Layer 2: Reinforcement layer of high tensile polyester fiber
- Layer 3: PVC cover

CHARACTERISTIC

- High pressure resistance
- No leakage
- Twist and knot resistant
- Anti-abrasion
- UV resistant with long working life
- Non toxic without odor
- Light weight, flexible and easy to coil
- Working temperature: from -10° to 65°C

APPLICATION

- Garden watering
- Car washing
- Household and garden cleaning

Catalogue number	Length (m)	Inner diameter (inch)	Inner diameter (mm)	Outer diameter (mm)	Working pressure (bar)	Burst pressure (bar)	Colour	
81200/B	10	1/2"	12	16	7	21		Blue with green strips
81201/O	20	1/2"	12	16	7	21		Orange with grey strip
81202/Y	30	1/2"	12	16	7	21		Yellow with grey strip
81203/O	15	3/4"	19	24	5	15		Orange with black strip
81204/G	30	3/4"	19	24	5	15		Green



EMPTY HOSE REEL 30M

81236

TECHNICAL DATA

- Material: Aluminum & Plastic
- Suitable for hoses with diameter: 1/2" (12mm); 5/8"(15mm) and 3/4"(19mm)
- 1/2" storage hose length: 30m
- 5/8" storage hose length: 25m
- 3/4" storage hose length: 15m
- Product size: 540 x 330 x 340mm

Scan each QR code to see product price and availability.



EMPTY HOSE REEL WITH WHEELS 60M

81237

TECHNICAL DATA

- Material: Aluminum & Plastic
- Suitable for hoses with diameter: 1/2" (12mm); 5/8"(15mm) and 3/4"(19mm)
- 1/2" storage hose length: 60m
- 5/8" storage hose length: 50m
- 3/4" storage hose length: 35m
- Product size: 770 x 270 x 540mm



MINI SPRINKLER WITH SPIKE, 1/2"

81220

2 YEARS TOTAL WARRANTY
+ 2 standard 0 extended

Spike sprinklers are a great option for specific irrigation and watering needs as they enable you to focus watering on particular areas of your garden with ease. Easily insert the sprinkler into soil and let its natural spray keep lawns moist.

TECHNICAL DATA

- Material: PP
- Size: 1/2" (12mm)



8- PATTERN SPRINKLER, 1/2"

81221

2 YEARS TOTAL WARRANTY
+ 2 standard 0 extended

This product has 8 spray patterns and brings the water exactly where you need it. Spray-pattern dial has a comfortable grip for easy pattern selection. The design of the sprinkler base ensures it stays in place.

TECHNICAL DATA

- Material: PP
- Size: 1/2" (12mm)



ADJUSTABLE HOSE NOZZLE

81222

2 YEARS TOTAL WARRANTY
+ 2 standard 0 extended

Made from high quality materials and is perfect for cleaning, watering small areas and washing soap suds off of your car.
Allows water spray to be adjusted from an OFF position through to the various spray patterns. It has two spray patterns – cone spray for delicate watering and powerful jet for cleaning.

TECHNICAL DATA

- Material: PP
- Size: 1/2" (12mm)



COUPLING WITH SWITCH, 1/2"

81223

It`s used for connecting garden hoses with the possibility of stopping the water supply.

TECHNICAL DATA

- Material: PP
- Size: 1/2" (12mm)

2 YEARS TOTAL WARRANTY
+ 2 standard 0 extended



TWO WAY TAP ADAPTOR WITH VALVE, 3/4"

81224

It`s for the splitting of one water routes on two with the possibility of stopping the water supply.

TECHNICAL DATA

- Material: PP
- Size: 3/4" (19mm)

2 YEARS TOTAL WARRANTY
+ 2 standard 0 extended



QUICK LOCKING HOSE CONNECTOR, 1/2"

81225

It allows ease connect or release to garden hose, sprinkler, hose nozzle, spray nozzles, pressure washer or any other garden accessory.

TECHNICAL DATA

- Material: PP
- Size: 1/2" (12mm)

2 YEARS TOTAL WARRANTY
+ 2 standard 0 extended



QUICK LOCKING HOSE CONNECTOR, 3/4"

81226

It allows ease connect or release to garden hose, sprinkler, hose nozzle, spray nozzles, pressure washer or any other garden accessory.

TECHNICAL DATA

- Material: PP
- Size: 3/4" (19mm)

2 YEARS TOTAL WARRANTY
+ 2 standard 0 extended

Scan each QR code to see product price and availability.



RUBBER WATER STOP HOSE CONNECTOR, 1/2"

81235

It allows ease connect or release to garden hose, sprinkler, hose nozzle, spray nozzles, pressure washer or any other garden accessory. The higher quality of the materials guarantee a longer lifespan of the product, with intensive use.

TECHNICAL DATA

- Material: ABS+Thermoplastic polyurethane (TPU)
- Size: 1/2" (12mm)
- Stop function: It stops the water automatically when the irrigation accessory is detached. When an accessory is reconnected, water flows from the hose again.



RUBBER WATER STOP HOSE CONNECTOR, 3/4"

81234

It allows ease connect or release to garden hose, sprinkler, hose nozzle, spray nozzles, pressure washer or any other garden accessory. The higher quality of the materials guarantee a longer lifespan of the product, with intensive use.

TECHNICAL DATA

- Material: ABS+Thermoplastic polyurethane (TPU)
- Size: 3/4" (19mm)
- Stop function: It stops the water automatically when the irrigation accessory is detached. When an accessory is reconnected, water flows from the hose again.



HOSE MENDER, 1/2"

81227

Hose Mender is ideal for repairing a damaged hose or for length extension. This hose repair connector is also suitable for joining two 1/2 inch hoses together for a permanent connection, or for connecting two hoses with small lengths.

TECHNICAL DATA

- Material: PP
- Size: 1/2" (12mm)

Scan each QR code to see product price and availability.



HOSE MENDER, 3/4"

81228

Hose Mender is ideal for repairing a damaged hose or for length extension. This hose repair connector is also suitable for joining two 3/4 inch hoses together for a permanent connection, or for connecting two hoses with small lengths.

TECHNICAL DATA

- Material: PP
- Size: 3/4" (19mm)

2 YEARS TOTAL WARRANTY + 2 standard 0 extended



HOSE MENDER, 1/2 TO 3/4"

81229

This hose connector is also suitable for joining two hoses 1/2 and 3/4 together for a permanent connection.

TECHNICAL DATA

- Material: PP
- Size: 1/2" & 3/4" (12mm & 19mm)

2 YEARS TOTAL WARRANTY + 2 standard 0 extended



TAP ADAPTOR, 1/2 & 3/4"

81230

Allows a garden hose to be safely connected to your water tap, whether the tap size is 1/2 or 3/4

TECHNICAL DATA

- Material: PP
- Size: 1/2" & 3/4" (12mm & 19mm)

2 YEARS TOTAL WARRANTY + 2 standard 0 extended



TWO-WAY HOSE CONNECTOR, 3/4"

81231

Two- way (I) connector is suitable for extending 19 mm (3/4 inch) hoses.

TECHNICAL DATA

- Material: PP
- Size: 3/4" (19mm)

2 YEARS TOTAL WARRANTY + 2 standard 0 extended

Scan each QR code to see product price and availability.



THREE-WAY HOSE CONNECTOR, 3/4"

81232

Three- way (Y) connector is suitable for branching 19 mm (3/4 inch) hoses for simultaneously watering two different places in the garden.

2 YEARS TOTAL WARRANTY
+ 2 standard 0 extended

TECHNICAL DATA

- Material: PP
- Size: 3/4" (19mm)



GARDEN WATER TIMER 0-120MIN

81233

STANDARD OR DRIP IRRIGATION

This irrigation timer offers the possibility of connecting two types garden hoses - both standard and drip.
This allows you to precisely manually set the watering time for a specific area and it`s a perfect solution not only for irrigation of gardens, but also for plants and vegetables in greenhouses.

2 YEARS TOTAL WARRANTY
+ 2 standard 0 extended

FUNCTION

- Thanks to the built-in irrigation controller, you can plan how long the water should run in the selected place.
- At the end of the set time, the system automatically stops the water supply, so you don't have to worry about overconsumption.
- No need grid connection or batteries
- Easy to install and use.

TECHNICAL DATA

- Full time range: 0-250min
- Time setting steps: 15min
- Includes adaptor: 1 to 3/4"



AGRICULTURE IRRIGATION PIPE

81242

PE agriculture irrigation pipe can be used in combination with drop arrows for potted plants and in micro drip systems for plants with unequal spacing between them. Widely used in micro-irrigation garden projects. This kind of irrigation can reduce the humidity in the greenhouse and reduce the disease of crops. It is especially suitable for the use of garden plants and crops.

2 YEARS TOTAL WARRANTY
+ 2 standard 0 extended

FEATURES

- Roll packing for easy installation, store and removal
- Low cost investment and maintenance cost
- Effectively prevent the growth of the moss
- Anti-aging, ultraviolet resistance and long service life.

TECHNICAL DATA

- Material: Polyethylene (PE)
- Outer diameter: 16mm
- Inner diameter: 14.8mm
- Thickness: 1.2mm
- Working pressure: 4bar
- Roll length: 50m



2 YEARS TOTAL WARRANTY
+ 2 standard 0 extended

ROUND EMITTER DRIP PIPE

81241

Drip irrigation is a highly efficient method of watering plants and crops by delivering water directly to the roots of individual plants or along the root zone through a network of tubing, pipes, and emitters.

PRODUCT FEATURES

- Roll packing for easy installation, store and removal
- Low cost investment and maintenance cost
- Effectively prevent the growth of the moss
- Anti-aging, chemical proof, ultraviolet resistance and long service life.

TECHNICAL DATA

- Material: Polyethylene (PE)
- Outer diameter: 16mm
- Inner diameter: 15.2mm
- Thickness: 0.8mm
- Distance between drippers: 300mm
- Roll length: 50m
- Roll weight: 4kg



DRIP IRRIGATION FEATURES

- Precise water delivery: Drip irrigation allows for precise control over the amount of water delivered to each plant. This precision reduces water wastage and ensures that plants receive the optimal amount of moisture they need.
- Water conservation: Drip irrigation is one of the most water-efficient irrigation methods available. By delivering water directly to the root zone, it minimizes evaporation and runoff, making it ideal for arid regions or areas with water scarcity.
- Reduced weed growth: Since water is targeted directly at the plants, the surrounding soil stays relatively dry, which discourages weed growth. This helps reduce the need for herbicides and manual weeding.
- Minimized disease spread: Drip irrigation keeps the foliage of plants dry, which can help prevent the spread of diseases caused by wet leaves. This feature is particularly important in preventing fungal and bacterial diseases in crops.
- Fertilizer application: Drip irrigation systems can incorporate fertilizer injectors or fertigation systems to deliver nutrients directly to the root zone along with water. This ensures efficient nutrient uptake by plants.
- Scalability: Drip irrigation systems can be easily customized and expanded to accommodate different types of plants and varying field sizes. They can be used in gardens, orchards, vineyards, and row crops.
- Soil and terrain adaptability: Drip systems can be adapted to different soil types and terrains, making them versatile for a wide range of agricultural and horticultural applications.
- Reduced soil erosion: By delivering water slowly and gently, drip irrigation reduces soil erosion, which can be a concern in traditional surface irrigation methods.
- Energy efficiency: Drip irrigation typically requires less energy compared to other irrigation methods like sprinklers or flood irrigation, which often rely on pumps or high-pressure systems.
- Automation and control: Drip irrigation systems can be easily automated with timers and sensors, allowing for precise control over watering schedules and adapting to changing weather conditions.
- Improved crop yields and quality: Because plants receive consistent and uniform moisture and nutrients, drip irrigation can lead to improved crop yields and better-quality produce.
- Environmental benefits: The efficient use of water and reduced chemical runoff associated with drip irrigation can have positive environmental impacts by conserving water resources and reducing the pollution of nearby water bodies.

Scan each QR code to see product price and availability.



PIPE GUIDE FOR ROUND EMITTER DRIP PIPE ∅16MM, 5PCS SET

81244

2 YEARS TOTAL WARRANTY
+ 2 standard
0 extended

A pipe guide for a round emitter drip pipe is typically used in irrigation systems, particularly in agriculture and landscaping, to ensure that the round emitter drip pipe is properly positioned and secured in place.

FUNCTION

- Support: Pipe guides provide support to the drip pipe, preventing it from sagging or shifting due to the weight of water and soil pressure. This ensures that water is evenly distributed to the plants along the length of the pipe.
- Prevent Movement: In windy conditions or when disturbed by animals or human activities, drip pipes can move or shift. Pipe guides help prevent this movement, ensuring that the pipe stays in place and doesn't disconnect or damage the emitters.
- Stability: They contribute to the stability and durability of the irrigation system by holding the drip pipe securely in place, reducing the risk of damage to the pipe, connectors, or emitters.
- Ease of Maintenance: When maintenance or repair of the drip system is required, pipe guides make it easier to locate and access the drip pipe, reducing the time and effort required for maintenance tasks.

TECHNICAL DATA

- Material: Polyethylene (PE)
- Suitable for all pipes with outer diameter of 16mm
- 5 PCS, SET





DRIP PIPE I-CONNECTOR WITH VALVE, 5PCS SET

81245

Drip pipe connector with a valve is a valuable component in drip irrigation systems, allowing for easy and flexible connections between sections of drip tubing or hoses while enabling rotation to adjust the direction of water flow.
This flexibility simplifies the installation process and helps ensure efficient and precise watering of plants in a garden, field, or landscape.

TECHNICAL DATA

- Material: Polyethylene (PE)
- Suitable for all pipes with outer diameter of 16mm
- 5 PCS, SET

2 YEARS TOTAL WARRANTY
2 standard + 0 extended



DRIP PIPE TO 1/2" TAP CONNECTOR WITH VALVE, 5PCS SET

81259

TECHNICAL DATA

- Material: Polyethylene (PE)
- Suitable for all pipes with outer diameter of 16mm
- Tap size: 1/2"(12mm)
- 5 PCS, SET

2 YEARS TOTAL WARRANTY
2 standard + 0 extended



DRIP PIPE TO 1/2" TAP CONNECTOR, 5PCS SET

81246

TECHNICAL DATA

- Material: Polyethylene (PE)
- Suitable for all pipes with outer diameter of 16mm
- Tap size: 1/2"(12mm)
- 5 PCS, SET

2 YEARS TOTAL WARRANTY
2 standard + 0 extended



DRIP PIPE TO 3/4" TAP CONNECTOR, 5PCS SET

81247

TECHNICAL DATA

- Material: Polyethylene (PE)
- Suitable for all pipes with outer diameter of 16mm
- Tap size: 3/4"(19mm)
- 5 PCS, SET

2 YEARS TOTAL WARRANTY
2 standard + 0 extended

Scan each QR code to see product price and availability.



DRIP PIPE I-CONNECTOR, 5PCS SET

81248

2 YEARS TOTAL WARRANTY
+ 2 standard
0 extended

Drip pipe connector facilitate the assembly, extension, repair, customization, and efficient operation of a drip irrigation system. It allows you to create a network of tubing and components that delivers water precisely to the root zones of plants, promoting water conservation and healthy plant growth.

FUNCTION

- Connection: To join or connect different sections of drip tubing or agriculture irrigation pipes together. It provides a secure and leak-free connection between two pieces of drip tubing or between drip tubing and other irrigation components
- Extension: Connectors can be used to extend the length of drip tubing. If your original tubing isn't long enough to reach a specific area, a connector allows you to attach additional tubing to reach the desired location.
- Repair: Connectors are valuable for repairing damaged sections of drip tubing. If a section of tubing is cut or damaged, you can use a connector to splice the tubing back together, restoring the integrity of the system without having to replace the entire length of tubing.

TECHNICAL DATA

- Material: Polyethylene (PE)
- Suitable for all pipes with outer diameter of 16mm
- 5 PCS, SET



DRIP PIPE L-CONNECTOR, 5PCS SET

81249

2 YEARS TOTAL WARRANTY
+ 2 standard
0 extended

Drip pipe connector facilitate the assembly, extension, repair, customization, and efficient operation of a drip irrigation system. It allows you to create a network of tubing and components that delivers water precisely to the root zones of plants, promoting water conservation and healthy plant growth.

FUNCTION

- Connection: To join or connect different sections of drip tubing or agriculture irrigation pipes together. It provides a secure and leak-free connection between two pieces of drip tubing or between drip tubing and other irrigation components
- Extension: Connectors can be used to extend the length of drip tubing. If your original tubing isn't long enough to reach a specific area, a connector allows you to attach additional tubing to reach the desired location.
- Repair: Connectors are valuable for repairing damaged sections of drip tubing. If a section of tubing is cut or damaged, you can use a connector to splice the tubing back together, restoring the integrity of the system without having to replace the entire length of tubing.

TECHNICAL DATA

- Material: Polyethylene (PE)
- Suitable for all pipes with outer diameter of 16mm
- Tap size: 1/2"(12mm)
- 5 PCS, SET



DRIP PIPE T-CONNECTOR, 5PCS SET

81250

Drip pipe connector facilitate the assembly, extension, repair, customization, and efficient operation of a drip irrigation system. It allows you to create a network of tubing and components that delivers water precisely to the root zones of plants, promoting water conservation and healthy plant growth.

FUNCTION

- Connection: To join or connect different sections of drip tubing or agriculture irrigation pipes together. It provides a secure and leak-free connection between two pieces of drip tubing or between drip tubing and other irrigation components
- Branching: Connectors can be used to create branches in the irrigation system. For instance, you can split one main drip tubing into multiple lines using connectors to deliver water to different areas or rows of plants.
- Extension: Connectors can be used to extend the length of drip tubing. If your original tubing isn't long enough to reach a specific area, a connector allows you to attach additional tubing to reach the desired location.
- Repair: Connectors are valuable for repairing damaged sections of drip tubing. If a section of tubing is cut or damaged, you can use a connector to splice the tubing back together, restoring the integrity of the system without having to replace the entire length of tubing.

TECHNICAL DATA

- Material: Polyethylene (PE)
- Suitable for all pipes with outer diameter of 16mm
- 5 PCS, SET



END CAP FOR DRIP PIPE, 5PCS SET

81251

FUNCTION

- Sealing the End: The primary function of an end cap is to seal off the end of a drip pipe or tubing. This ensures that water does not escape from the end of the pipe, preventing wastage and ensuring that all water is directed to the desired areas for irrigation.
- Preventing Contaminants: End caps also serve as protective barriers to prevent dirt, debris, insects, and other contaminants from entering the open end of the drip pipe. This helps maintain the cleanliness and integrity of the irrigation system, reducing the risk of clogs or blockages in the emitters or tubing.
- System Flushing: End caps are convenient for flushing the irrigation system. When it's necessary to clear out any debris or sediment that may have accumulated in the last few inches of the drip line, the end cap can be removed to allow water to flow freely and flush out the system.
- Temporary Closure: End caps can be used to temporarily close off or cap sections of the drip line that are not in use. This can be useful when you want to modify or expand your irrigation system or when certain areas of the garden or field are not currently being irrigated.

TECHNICAL DATA

- Material: Polyethylene (PE)
- Suitable for all pipes with outer diameter of 16mm
- 5 PCS, SET

Scan each QR code to see product price and availability.



DOUBLE BRACKET FOR DRIP PIPE, 5PCS SET

81252

Drip Double Bracket is a practical accessory in drip irrigation systems, used to support and organize drip tubing or hose, maintain proper spacing between emitters, and facilitate maintenance and adjustments in the system. It plays a role in ensuring the efficient and reliable delivery of water to plants in gardens, farms, and landscapes.

2 YEARS TOTAL WARRANTY
+ 2 standard 0 extended

TECHNICAL DATA

- Material: Polyethylene (PE)
- Suitable for all pipes with outer diameter of 16mm
- 5 PCS, SET



DRIP HEAD EMITTER 4/8L, 10PCS SET

81260

The emitter has an adjustable flow rate range of 4 to 8 L/hr, which allows for flexibility in delivering the right amount of water to different plants or zones with varying water requirements.
Emitters in this flow rate range are suitable for a variety of applications, including vegetable gardens, flower beds, shrubbery, and potted plants.

2 YEARS TOTAL WARRANTY
+ 2 standard 0 extended

TECHNICAL DATA

- Material: Polyethylene (PE)
- Flow rate: 4-8L/h
- 10 PCS, SET



DRIP HEAD EMITTER 0-180L, 10PCS SE

81261

Drip irrigation with adjustable emitters 0-180L is suitable for potted plants and seedlings, where different plant varieties may require varying water levels.

2 YEARS TOTAL WARRANTY
+ 2 standard 0 extended

TECHNICAL DATA

- Material: Polyethylene (PE)
- Flow rate: 0-180L/h
- 10 PCS, SET



DRIP HEAD EMITTER, 10PCS SET

81262

Drip irrigation with adjustable emitters is suitable for potted plants and seedlings, where different plant varieties may require varying water levels.

2 YEARS TOTAL WARRANTY
+ 2 standard 0 extended

TECHNICAL DATA

- Material: Polyethylene (PE)
- 10 PCS, SET



DRIP HEAD EMITTER 2L, 10PCS SET

81264

The emitter has an adjustable flow rate range of 2L/hr, which allows for flexibility in delivering the right amount of water to different plants or zones with varying water requirements.
Emitters in this flow rate range are suitable for a variety of applications, including vegetable gardens, flower beds, shrubbery, and potted plants.

2 YEARS TOTAL WARRANTY
+ 2 standard 0 extended

TECHNICAL DATA

- Material: Polyethylene (PE)
- Flow rate: 2L/h
- 10 PCS, SET



DRIP HEAD EMITTER 4L, 10PCS SET

81265

The emitter has an adjustable flow rate range of 4L/hr, which allows for flexibility in delivering the right amount of water to different plants or zones with varying water requirements.
Emitters in this flow rate range are suitable for a variety of applications, including vegetable gardens, flower beds, shrubbery, and potted plants.

2 YEARS TOTAL WARRANTY
+ 2 standard 0 extended

TECHNICAL DATA

- Material: Polyethylene (PE)
- Flow rate: 4L/h
- 10 PCS, SET

Scan each QR code to see product price and availability.



SPRAY MIST NOZZLE EMITTER, 10PCS SET

81263

Spray nozzles produce a fine spray or mist and are commonly used for various applications in agriculture, horticulture, landscaping, and more.

2 YEARS TOTAL WARRANTY
+ 2 standard 0 extended

TECHNICAL DATA

- Material: Polyethylene (PE)
- 10 PCS, SET



DRIP TAPE WITH FLAT DRIPPER

81240

The drip irrigation tape is widely used in various drip irrigation projects, such as cash crops, vegetables, flowers, gardens, fruit trees, fields economic crops in greenhouses and etc.

2 YEARS TOTAL WARRANTY
+ 2 standard 0 extended

FEATURES

- Roll packing for easy installation, store and removal
- Wide range of spray patterns can be applied to wide range of vegetables and crops
- Low cost investment and maintenance cost

TECHNICAL DATA

- Material: Polyethylene (PE)
- Inner diameter: 16mm
- Thickness: 0.3mm
- Distance between drippers: 300mm
- Roll length: 100m
- Roll weight: 1,51kg



DRIP TAPE 16MM TO 1/2" TAP CONNECTOR WITH VALVE, 5PCS SET

81253

2 YEARS TOTAL WARRANTY
+ 2 standard 0 extended

TECHNICAL DATA

- Material: Polyethylene (PE)
- Suitable with drip tape with catalogue number 81240
- Tap size: 1/2"(12mm)
- Pipe diameter: 16mm
- 5 PCS, SET



DRIP TAPE I-CONNECTOR WITH VALVE 16MM, 5PCS SET

81254

2 YEARS TOTAL WARRANTY
+ 2 standard
0 extended

Drip tape connector with a valve is a valuable component in drip irrigation systems, allowing for easy and flexible connections between sections of drip tubing or hoses while enabling rotation to adjust the direction of water flow.
This flexibility simplifies the installation process and helps ensure efficient and precise watering of plants in a garden, field, or landscape.

FUNCTION

- Connection: To join or connect different sections of drip tape or agriculture irrigation tapes together. It provides a secure and leak-free connection between two pieces of drip tape or between drip tape.
- Extension: Connectors can be used to extend the length of drip tape. If your original tape isn't long enough to reach a specific area, a connector allows you to attach additional tape to reach the desired location.
- Repair: Connectors are valuable for repairing damaged sections of drip tape. If a section of tape is cut or damaged, you can use a connector to splice the tape back together, restoring the integrity of the system without having to replace the entire length of tape.

TECHNICAL DATA

- Material: Polyethylene (PE)
- Suitable with drip tape with catalogue number 81240
- Pipe diameter: 16mm
- 5 PCS, SET



DRIP TAPE I-CONNECTOR, 5PCS SET

81255

2 YEARS TOTAL WARRANTY
+ 2 standard
0 extended

Drip tape connector facilitate the assembly, extension, repair, customization, and efficient operation of a drip irrigation system. It allows you to create a network of tubing and components that delivers water precisely to the root zones of plants, promoting water conservation and healthy plant growth.

FUNCTION

- Connection: To join or connect different sections of agriculture irrigation tapes together. It provides a secure and leak-free connection between two pieces of drip tapes
- Extension: Connectors can be used to extend the length of drip tapes. If your original tape isn't long enough to reach a specific area, a connector allows you to attach additional tape to reach the desired location.
- Repair: Connectors are valuable for repairing damaged sections of drip tape. If a section of tape is cut or damaged, you can use a connector to splice the tubing back together, restoring the integrity of the system without having to replace the entire length of tape.

TECHNICAL DATA

- Material: Polyethylene (PE)
- Suitable with drip tape with catalogue number 81240
- Pipe diameter: 16mm
- 5 PCS, SET

Scan each QR code to see product price and availability.



DRIP TAPE L-CONNECTOR, 5PCS SET

81256

Drip tape connector facilitate the assembly, extension, repair, customization, and efficient operation of a drip irrigation system. It allows you to create a network of tubing and components that delivers water precisely to the root zones of plants, promoting water conservation and healthy plant growth.

FUNCTION

- Connection: To join or connect different sections of agriculture irrigation tapes together. It provides a secure and leak-free connection between two pieces of drip tapes
- Extension: Connectors can be used to extend the length of drip tapes. If your original tape isn't long enough to reach a specific area, a connector allows you to attach additional tape to reach the desired location.
- Repair: Connectors are valuable for repairing damaged sections of drip tape. If a section of tape is cut or damaged, you can use a connector to splice the tubing back together, restoring the integrity of the system without having to replace the entire length of tape.

TECHNICAL DATA

- Material: Polyethylene (PE)
- Suitable with drip tape with catalogue number 81240
- Pipe diameter: 16mm
- 5 PCS, SET



DRIP TAPE T-CONNECTOR, 5PCS SET

81257

Drip tape connector facilitate the assembly, extension, repair, customization, and efficient operation of a drip irrigation system. It allows you to create a network of tubing and components that delivers water precisely to the root zones of plants, promoting water conservation and healthy plant growth.

FUNCTION

- Connection: To join or connect different sections of agriculture irrigation tapes together. It provides a secure and leak-free connection between two pieces of drip tapes
- Branching: Connectors can be used to create branches in the irrigation system. For instance, you can split one main drip tape into multiple lines using connectors to deliver water to different areas or rows of plants.
- Extension: Connectors can be used to extend the length of drip tapes. If your original tape isn't long enough to reach a specific area, a connector allows you to attach additional tape to reach the desired location.
- Repair: Connectors are valuable for repairing damaged sections of drip tape. If a section of tape is cut or damaged, you can use a connector to splice the tubing back together, restoring the integrity of the system without having to replace the entire length of tape.

TECHNICAL DATA

- Material: Polyethylene (PE)
- Suitable with drip tape with catalogue number 81240
- Pipe diameter: 16mm
- 5 PCS, SET

Scan each QR code to see product price and availability.



END CAP FOR DRIP TAPE, 5PCS SET

81258

2 YEARS TOTAL WARRANTY
+ 2 standard
0 extended

FUNCTIONS

- Sealing the End: The primary function of an end cap is to seal off the end of a drip tape. This ensures that water does not escape from the end of the tape, preventing wastage and ensuring that all water is directed to the desired areas for irrigation.
- Preventing Contaminants: End caps also serve as protective barriers to prevent dirt, debris, insects, and other contaminants from entering the open end of the drip tape. This helps maintain the cleanliness and integrity of the irrigation system, reducing the risk of clogs in tapes
- System Flushing: End caps are convenient for flushing the irrigation system. When it's necessary to clear out any debris or sediment that may have accumulated in the last few inches of the drip line, the end cap can be removed to allow water to flow freely and flush out the system.
- Temporary Closure: End caps can be used to temporarily close off or cap sections of the drip line that are not in use. This can be useful when you want to modify or expand your irrigation system or when certain areas of the garden or field are not currently being irrigated.

TECHNICAL DATA

- Material: Polyethylene (PE)
- Suitable with drip tape with catalogue number 81240
- Pipe diameter: 16mm
- 5 PCS, SET





MICRO SPRAY TAPE

81243

2 YEARS TOTAL WARRANTY
+ 2 standard
0 extended

Irrigation with micro spray tape imitate fine rain for moisten the crops with little impact without harming their delicate structure. This kind of irrigation can reduce the humidity in the greenhouse and reduce the disease of crops. It is especially suitable for the use of garden plants and crops.

FEATURES

- Roll packing for easy installation, store and removal
- Low cost investment and maintenance cost
- 40 to 80% saving water cost, 50% fertilizer and increase the crops with 10-30%
- Anti-aging, ultraviolet resistance and long life more than 3 years.

TECHNICAL DATA

- Material: Polyethylene (PE)
- Inner diameter: 32mm
- Thickness: 0.2mm
- Hole numbers: 3 on group
- Hole spacing: 300mm between each group of 3 hole
- Flow rate: 1.55m^3/h
- Spray swath: 4m
- Roll length: 100m

Scan each QR code to see product price and availability.



DRIP TAPE 32MM TO 1"TAP CONNECTOR WITH VALVE

81268

2 YEARS TOTAL WARRANTY
+ 2 standard
0 extended

TECHNICAL DATA

- Material: Polyethylene (PE)
- Suitable with drip tape with catalogue number 81243
- Tap size: 1"(25.4mm)
- Pipe diameter: 32mm



DRIP TAPE I-CONNECTOR

81266

2 YEARS TOTAL WARRANTY
+ 2 standard
0 extended

Drip tape connector with a valve is a valuable component in drip irrigation systems, allowing for easy and flexible connections between sections of drip tubing or hoses while enabling rotation to adjust the direction of water flow.
This flexibility simplifies the installation process and helps ensure efficient and precise watering of plants in a garden, field, or landscape.

FUNCTION

- Connection: To join or connect different sections of drip tape or agriculture irrigation tapes together. It provides a secure and leak-free connection between two pieces of drip tape or between drip tape.
- Extension: Connectors can be used to extend the length of drip tape. If your original tape isn't long enough to reach a specific area, a connector allows you to attach additional tape to reach the desired location.
- Repair: Connectors are valuable for repairing damaged sections of drip tape. If a section of tape is cut or damaged, you can use a connector to splice the tape back together, restoring the integrity of the system without having to replace the entire length of tape.

TECHNICAL DATA

- Material: Polyethylene (PE)
- Suitable with drip tape with catalogue number 81243
- Pipe diameter: 32mm



DRIP TAPE T-CONNECTOR

81267

2 YEARS TOTAL WARRANTY
+ 2 standard
0 extended

Drip tape connector with a valve is a valuable component in drip irrigation systems, allowing for easy and flexible connections between sections of drip tubing or hoses while enabling rotation to adjust the direction of water flow.
This flexibility simplifies the installation process and helps ensure efficient and precise watering of plants in a garden, field, or landscape.

FUNCTION

- Connection: To join or connect different sections of drip tape or agriculture irrigation tapes together. It provides a secure and leak-free connection between two pieces of drip tape or between drip tape.
- Branching: Connectors can be used to create branches in the irrigation system. For instance, you can split one main drip tape into multiple lines using connectors to deliver water to different areas or rows of plants.
- Extension: Connectors can be used to extend the length of drip tape. If your original tape isn't long enough to reach a specific area, a connector allows you to attach additional tape to reach the desired location.
- Repair: Connectors are valuable for repairing damaged sections of drip tape. If a section of tape is cut or damaged, you can use a connector to splice the tape back together, restoring the integrity of the system without having to replace the entire length of tape.

TECHNICAL DATA

- Material: Polyethylene (PE)
- Suitable with drip tape with catalogue number 81243
- Pipe diameter: 32mm

Scan each QR code to see product price and availability.

DIGITAL TOOLS
HAND TOOLS
& ACCESSORIES



DIGITAL TOOLS AND ACCESSORIES



DIGITAL MULTIMETER EM890G

519890

TECHNICAL DATA

- DC voltage: 200m/ 2/ 20/ 200/ 600V
- AC voltage: 2/ 20/ 200/ 600V
- DC current: 2/ 20/ 200/ 10A
- AC current: 200m/ 10A
- Resistance: 200/ 2K/ 20K/ 200K/ 2M/ 20MΩ
- Capacitors: 2η/ 20η/ 200η/ 2μ/ 20μ
- Frequency: 20kHz
- Temperature: -20°upto1000°C
- Diodes control: yes
- Buzzer: yes
- Transistor test: yes
- Auto power: yes
- Dimensions: 170x87x33mm
- Weight: 326g
- Battery: 1x9V

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended



DIGITAL MULTIMETER EM850L

519850

TECHNICAL DATA

- DC voltage: 200m/ 2/ 20/ 200/600 V
- AC voltage : 200/ 600 V
- DC current: 200μ/ 2/ 20/ 200/ 10A
- Resistance: 200/ 2K/ 20K/ 200K/ 2MΩ
- Diodes control: yes
- Buzzer: yes
- Transistor test: yes
- Data hold: yes
- Back light function: yes
- Dimensions: 135x67x33mm
- Weight: 147 g
- Battery: 1x9V

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended



DIGITAL MULTIMETER EM83B

519083

TECHNICAL DATA

- DC voltage: 200m/ 2000m/ 20/ 200/ 400 V
- AC voltage : 200/ 400 V
- DC current: 2000μ/ 20m/ 200mA
- Resistance: 200/ 2000/ 20K/ 200K/ 2000KΩ
- Diodes control: yes
- Buzzer: yes
- Battery test (9V): yes
- Dimensions: 102x60x24mm
- Weight: 60 g
- Battery: 12V

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

RoHs COMPLIANT
CE

Scan each QR code to see product price and availability.



DIGITAL MULTIMETER EM5510

5195510

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

Measuring: humidity, illumination, temperature and all electric values. Automatic range adjustment, manual value selection. LCD display showing the measured value in digits with the size of 3 ¾. High accuracy of analogue-digital conversion, precision in measuring and resistance to electro-magnetic interferences. Automatic switch off.

TECHNICAL DATA

- DC voltage: 0.4/ 4/ 40/ 400/ 600 V
- AC voltage : 4/ 40/ 400/ 600V
- DC current: 400µ/ 4000µ/ 40m/ 400m/ 10A
- AC current: 400µ/ 4000µ/ 40m/ 400m/ 10A
- Resistance: 400/ 4K/ 40K/ 400K/ 4M/ 40MΩ
- Capacitors: 4η/ 40η/ 400η/ 4µ/ 40µ/ 100µF
- Frequency: 10/ 100/ 1k/ 10k/ 100k/ 200kHz
- Loading cycles: from 0.1% to 99.9%
- Temperature: -20° up to 1000°C
- Humidity: 30% to 95%
- Illumination: 4000 Lux / 40000 Lux
- Noise level: 35 to 100dB
- Circuit control: yes
- Diodes control: yes
- Weight: 310 g (including battery)
- Battery: 1x9V
- Dimensions: 83x162x47mm

RoHs COMPLIANT
CE



DIGITAL MULTIMETER EM420C

519420

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

Measuring: illumination, temperature and all electric values. Automatic range adjustment, manual value selection. LCD display showing the measured value in 4 digits with the size of 16 mm. High accuracy of analogue-digital conversion, precision in measuring and resistance to electro-magnetic interferences. Automatic switch off.

TECHNICAL DATA

- DC voltage: 200m/ 2/ 20/ 200/ 600 V
- AC voltage : 2/ 20/ 200/ 600V
- DC current: 200µ/ 2000µ/ 20m/ 200m/ 2/ 10A
- AC current: 00µ/ 2000µ/ 20m/ 200m/ 2/ 10A
- Resistance: 200/ 2K/ 20K/ 200K/ 2M/ 20MΩ
- Temperature: -20° up to 1000°C
- Battery test: 1.5/3/9/12 V
- Circuit control: yes
- Diodes control: yes
- Weight: 200 g (including battery)
- Battery: 3x1.5 V
- Dimensions: 75x158x35mm



DIGITAL MULTIMETER EM3055

5193055

Measuring: all electric values. Manual range adjustment. LCD display showing the measured value in 4 digits with the size of 3 ½ . High accuracy of analogue-digital conversion, precision in measuring and resistance to electro-magnetic interferences.

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

TECHNICAL DATA

- DC voltage: 200m/ 2/ 20/ 200/ 1000 V
- AC voltage: 2/ 20/ 200/ 750V
- DC current: 2m/ 20m/ 200m/ 10A
- AC current: 200m/ 10A
- Resistance: 200/ 2K/ 20K/ 200K/ 2M/ 20M/ 200MΩ
- Capacity: 2000p/ 20η/ 200η/ 20μF
- Temperature: 0° up to 1000°C
- Battery test: 1.5/ 3/ 9/ 12 V
- Transistor test: Vce≈3V , Ib≈10μF
- Circuit control: yes
- Diodes control: yes
- Weight: 495 g (including battery)
- Battery: 1x9V
- Dimensions: 97x200x48mm



DIGITAL MULTIMETER EM3058

5193058

Measuring: temperature and all electric values. Manual range adjustment, manual value selection. LCD display showing the measured value in digits with the size of 3 ¾ . High accuracy of analogue-digital conversion, precision in measuring and resistance to electro-magnetic interferences. Automatic switch off.

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

TECHNICAL DATA

- DC voltage: 200m/ 2/ 20/ 200/ 1000 V
- AC voltage: 200 m/ 2/ 20/ 200/ 750V
- DC current: 20μ/ 200 μ/ 2m/ 200m/ 10A
- AC current: 20μ/ 200μ/ 2m/ 200m/ 2/ 10A
- Resistance: 200/ 2K/ 20K/ 200K/ 2M/ 20M/ 200MΩ
- Capacitors: 2η/ 20η/ 200η/ 2μ/ 20μF
- Frequency: 20kHz to 2000kHz
- Loading cycles: 0.1% to 99.9%
- Temperature: 0° up to 1000°C
- Logical level: High > 2.0 V;

Low < 0.8 V

- Circuit control: yes
- Diodes control: yes
- Weight: 495 g (including battery)
- Battery: 1x9V
- Dimensions: 97x200x47 mm

Scan each QR code to see product price and availability.



DIGITAL MULTIMETER EM31

519031

Measuring: electric values. Automatic range adjustment, manual value selection. LCD display showing the measured value in 4 digits with the size of 16 mm. High accuracy of analogue-digital conversion, precision in measuring and resistance to electro-magnetic interferences. Automatic switch off and low battery indication.

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

TECHNICAL DATA

- DC voltage: 240m/ 2400m/ 24/ 240/ 600 V
- AC voltage: 240m/ 2400m/ 24/ 240/ 600 V
- DC current: 240µ/ 2400µ/ 24m/ 240m/ 10A
- AC current: 240µ/ 2400µ/ 24m/ 240m/ 10A
- Resistance: 400Ω - 40MΩ
- Capacity: 51.2ηF to 51.2µF
- Frequency: 50/ 500/ 5000/ 50k/ 50MHz
- Circuit control: yes
- Diodes control: yes
- Weight: 137 g (including battery)
- Battery: 9V
- Dimensions: 70x126x28mm



DIGITAL MULTIMETER/ PEN EM3215

5193215

Measuring of electric values in the form of a pen. Automatic range adjustment, manual value selection. LCD display, data retain function, automatic reset, polarity selection, range overload indication. High accuracy of analogue-digital conversion, precision in measuring and resistance to electro-magnetic interferences. Automatic switch off and low battery indication and a torch.

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

TECHNICAL DATA

- DC voltage: 200m/ 2/ 20/ 200/ 600 V
- AC voltage: 2/ 20/ 200/ 600V
- DC current: 20m to 200mA
- AC current: 20m to 200mA
- Resistance: 200/ 2K/ 20K/ 200K/ 2M/ 20MΩ
- Logical level: High > 2.3V; Low < 0.8 V
- Circuit control: yes
- Diodes control: yes
- Weight: 182 g (including battery)
- Battery: 1x9V
- Dimensions: 57x230x30mm

RoHs COMPLAINT
CE

Scan each QR code to see product price and availability.



DIGITAL CLAMP METER EM202

519202

Measuring of electric values. Manual range adjustment, manual value selection. LCD display showing the measured value in digits with the size of 3½ mm. High accuracy of analogue-digital conversion, precision in measuring and resistance to electro-magnetic interferences. Automatic switch off.

TECHNICAL DATA

- DC voltage: 1000 V
- AC voltage: 750V
- AC current: 20/ 200/ 1000A
- Resistance: 200 kΩ
- Temperature: -40° up to 1400°C
- Circuit control: yes
- Diodes control: yes
- Weight: 400 g (including battery)
- Battery: 1x9V
- Dimensions: 99x250x43mm

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended



DIGITAL CLAMP METER EM204

519204

Measuring of electric values. Automatic range adjustment, manual value selection. LCD display, low battery indication, overload protection. High accuracy of analogue-digital conversion, precision in measuring and resistance to electro-magnetic interferences. Automatic switch off.

TECHNICAL DATA

- DC voltage: 1000 V
- AC voltage: 750V
- DC current: 200 / 1000A
- AC current: 200 / 1000A
- Resistance: 200 kΩ
- Frequency: 2 kHz
- Circuit control: yes
- Weight: 400 g (including battery)
- Battery: 1x9V
- Dimensions: 99x258x43mm

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended



DIGITAL CLAMP METER EM266

519266

Measuring of electric values. It features manual range adjustment. LCD display and retain function option, low battery indication and overload protection.

TECHNICAL DATA

- DC voltage: 1000 V
- AC voltage: 750V
- AC current: 200 / 1000A
- Resistance: 200 / 20 kΩ
- Circuit control: yes
- Diodes control: yes
- Weight: 310 g (including battery)
- Battery: 1x9V
- Dimensions: 69x229x38mm

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

RoHs COMPLIANT
CE

Scan each QR code to see product price and availability.



INFRARED TEMPERATURE METER EM520A

519520

Digital device for measuring of temperature. The temperature is measured with no contact. It has a laser counter for precision measuring, suitable large LCD display, battery low indication and overload protection.

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

TECHNICAL DATA

- Temperature: -20° up to 320°C / -4° to 608 °F
- Distance to point size: 6:1
- Precision: ±2° C or 2% in reading
- Battery: 1x9V
- Dimensions: 90x155x45mm



LASER DISTANCE METER EL- 201

519001

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

TECHNICAL DATA

- Measure range: 40m
- Measuring accuracy: ± 3mm, with a 0.05mm / m increment
- Lowest indication unit: 1mm
- Laser parameter: 635nm, 1mw
- Laser class: 2
- Operating Temperature: -10°C+ 40°C
- Storage temperature: -20°C + 70°C
- Automatic switch-off after approx: laser 20s
- Instrument Auto-off Time: 5 min
- Laser Auto-off Time: 20 sec
- Battery: 2x1.5AAA
- Battery operating life time: 5000times
- Automatic storage data: 30 times
- Colour screen: 1,8 inch
- Net weight: 88gr
- Dimension: 15.9x8.8x5.5 mm

FUNCTION

- Single measurement
- Continuous measurement
- Measurement of rectangular area
- Measurement of cubic volume
- Triangle area measurement
- Square trapezoid area measurement
- Area accumulation
- Single Pythagorean theorem measurement
- Double tick plus/minus measurement

RoHs COMPLIANT
CE

Scan each QR code to see product price and availability.



LASER DISTANCE METER EL- 201

519002

TECHNICAL DATA

- Measure range: 100m
- Measuring accuracy: ± 3mm, with a 0.05mm / m increment
- Lowest indication unit: 1mm
- Laser parameter: 635nm, 1mw
- Laser class: 2
- Operating Temperature: -10°C+ 40°C
- Storage temperature: -20°C + 70°C
- Automatic switch-off after approx: laser 20s
- Instrument Auto-off Time: 5 min
- Laser Auto-off Time: 20 sec
- Battery: 2x1.5AAA
- Battery operating life time: 5000 times
- Automatic storage data: 30 times
- Colour screen: 1,8 inch
- Net weight: 88gr
- Dimension: 15.9x8.8x5.5 mm

FUNCTION

- Single measurement
- Continuous measurement
- Measurement of rectangular area
- Measurement of cubic volume
- Triangle area measurement
- Square trapezoid area measurement
- Area accumulation
- Single Pythagorean theorem measurement
- Double tick plus/minus measurement



LASER LEVEL METER EL-113P

519003

TECHNICAL DATA

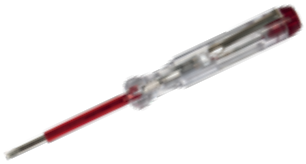
- Horizontal precision: ±7mm/10m
- Vertical precision: ±7mm/10m
- Auto-Leveling range: ±3.5°
- Laser colour: Red light 635nm
- Laser class: 2
- Auto-Leveling method: The gravity pendulum is auto-leveling.
- Amping time: <6S
- The laser line width: <3.5mm (within 10m).
- Scope of work (radius): 12m
- Working temperature: 0°C~+40°C
- The power supply: 2xAA battery
- Working voltage: 3V
- Working time: More than 15 hours
- IP rate: IP54
- Dimension: 80×50×82.5 mm

AREAS OF APPLICATION:

- Indoor calibration, door, cabinet, ground, wall, brick and more basic application.

Scan each QR code to see product price and availability.

MECHANICAL TOOLS



VOLTAGE TESTER DN-8203

519203

The voltage tester screwdriver is used for detecting the presence of electrical voltage. Existence of voltage is shown via lighting signal indicator located in the handle of the screwdriver. It can detect voltage in the range from 100V to 250V. The screwdriver has a flat tip.

2 YEARS TOTAL WARRANTY
+ 2 standard
0 extended

TECHNICAL DATA

- Size: 3.5x140mm
- Voltage range 100-250V~
- GS, CE certificates



VOLTAGE TESTER EL-1805

519205

TECHNICAL DATA

- Size: 3.5x190mm
- Voltage range 100-500V~
- ABS+PC

2 YEARS TOTAL WARRANTY
+ 2 standard
0 extended



NON-CONTACT VOLTAGE AC DETECTOR GK8

519GK8

FUNCTION

- AC voltage detection
- Indicate AC null line and live line
- Auto power off in 5 minutes
- Buzzer: sound beeps when is detected AC voltage
- Green light: by power ON
- RED light: by live parts detection.
- Higher flashing frequency indicates stronger electric field

TECHNICAL DATA

- Voltage range: from 50 to 1000V/AC
- Handle material: ABS
- Metal: carbon steel
- Light: LED
- Length – 148mm

2 YEARS TOTAL WARRANTY
+ 2 standard
0 extended

RoHs COMPLIANT
CE

Scan each QR code to see product price and availability.



MULTI FUNCTIONAL VOLTAGE TESTER EL-8736

519207

FUNCTION

- AC voltage testing
- Line break testing
- Earth checking

TECHNICAL DATA

- Voltage range: from 12 to 220V/AC
- Handle material: ABS
- Metal: carbon steel
- Light: LED
- Blade diameter: 4mm
- Length – 190mm

2 YEARS TOTAL WARRANTY
+ 2 standard 0 extended



VOLTAGE TESTER EL-EN08

519206

TECHNICAL DATA

- Size: 2.0x185mm
- Voltage range 6-380V
- ABS

2 YEARS TOTAL WARRANTY
+ 2 standard 0 extended

RoHs COMPLIANT
CE



MULTI-PURPOSE WIRING TOOL

598030

FUNCTIONS

- Ergonomic molded anti-slip grid handle
- Crimp insulated and non insulated cable terminals

TECHNICAL DATA

- Size: 235mm
- Cable size section: 0.75-6.0mm

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended



CRIMPING PLIERS HD-005

59308

FUNCTIONS

- Crimping of naked cable terminals

TECHNICAL DATA

- Possibility for crimping of cable conductors up to 10mm^2
- Form of the crimping head: hexagon
- Weight of the instrument: 0.49kg
- Length of the instrument: 220mm
- Packing: blister

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.



CRIMPING PLIERS SN-003

59309

FUNCTIONS

- Crimping of naked cable terminals and joining bushes

TECHNICAL DATA

- Possibility for crimping of cable conductors from 6 to 16mm²
- Form of the crimping head: hexagon
- Weight of the instrument: 0.39kg
- Length of the instrument: 190mm
- Packing: blister

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



HEAVY DUTY RATCHET CRIMPING PLIERS 225MM

598153

TECHNICAL DATA

- Type: Professional heavy duty ratchet crimping pliers
- Size: 225 mm
- Professional quality crimping tool
- For non-insulated terminals
- Adjustable thumb-screw dial
- Hardened steel for durability
- Easy-to-read gauge markings
- Comfort grip handle

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



COMBINED CRIMPING PLIERS 180MM

598151

TECHNICAL DATA

- Type: Combined crimping pliers
- Size: 180 mm
- High-quality cold-rolled sheet material
- Crimps insulated terminals
- Easily cuts and strips wire
- Cleanly shears bolts
- Easy-to-read gauge markings
- Wire looping and bending holes
- Spring loaded for self-opening action

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



EL-HX26B MANUAL CRIMPING RATCHET PLIERS

598036

FUNCTIONS

- Crimping of aluminum or copper conductors with non-isolated cable terminals

TECHNICAL DATA

- Form of the crimping element: hexagon
- Crimping sizes: 6, 10, 16, 25 mm²
- Section of the crimping conductors: 6-25 mm²
- Weight of the instrument: 0.83 kg
- Length: 350mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended

RoHs COMPLIANT
CE

Scan each QR code to see product price and availability.



EL-HX50SC MANUAL CRIMPING PLIERS

598037

FUNCTIONS

- Crimping of aluminum or copper conductors with non-isolated cable terminals.

TECHNICAL DATA

- Form of the crimping element: hexagon
- Size of the crimping element: 6, 10, 16, 25, 35, 50 mm²
- Section of the crimping conductors: 6-50 mm²
- Weight of the instrument: 1.67 kg
- Length: 390mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



EL-HX150SC MANUAL CRIMPING PLIERS

598038

FUNCTIONS

- Crimping of aluminum or copper conductors with non-isolated cable terminals.

TECHNICAL DATA

- Form of the crimping element: hexagon
- Size of the crimping element: 25, 35, 50, 70, 95, 120, 150 mm²
- Section of the crimping conductors: 25-150 mm²
- Weight of the instrument: 4.3 kg
- Length: 620mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



STRIPPER PLIERS FOR WIRE INSULATION 200MM

598152

TECHNICAL DATA

- Type: Stripper pliers for wire insulation
- Size: 200 mm
- High-quality cold-rolled sheet material
- Crimps insulated terminals
- Easily cuts and strips wire
- Cleanly shears bolts
- Easy-to-read gauge markings
- Wire looping and bending holes
- Spring loaded for self-opening action

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



CRV AUTO WIRE STRIPPERS 200MM

598131

TECHNICAL DATA

- Type: Auto wire strippers
- Material: Chrome vanadium + TPE
- Striping capacity: 0.2 - 6 mm²
- Size: 200 mm

CrV

5 YEARS TOTAL WARRANTY + 3 standard 2 extended

RoHs COMPLIANT

CE

Scan each QR code to see product price and availability.



WIRE STRIPPERS 180MM

598150

TECHNICAL DATA

- Type: Wire strippers
- Length of strip: up to 25mm
- Striping capacity: 0.2 - 6 mm²
- Size: 180 mm

2 YEARS TOTAL WARRANTY
+ 2 standard 0 extended

LIMITED STOCK



EL-700D AUTOMATIC WIRE STRIPPER WITH CUTTER

598034

FUNCTIONS

- Stripping diameter can be adjusted automatically for different wire cross sections
- Precise blade design without damaging the conductor cores
- During stripping, the wire is held firm by clamping jaws
- With adjustable length stop, with a spring returns the stripper to the starting position, long lifetime.

TECHNICAL DATA

- Striping capacity: 0.25-6 mm²
- Weight of the instrument: 0.25 kg
- Length: 170mm

2 YEARS TOTAL WARRANTY
+ 2 standard 0 extended



AUTOMATIC WIRE STRIPPER

598032

FUNCTIONS

- Wire is automatically gripped and stripped with the same motion
- Adjustable dial
- Comfort grip handle
- **TECHNICAL DATA**
- Size: 168mm
- Cable size section: 1.0-3.2mm

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended



EL-256 WIRE STRIPPER KNIFE 8-28MM WITH HOOK BLADE

598031

FUNCTIONS

- Stripping circular PVC cable, rubber cable, silicone cable and teflon cable.
- Cutting depth can penetrate knurled nut to adjust moving blade.
- It can change circular shearing into linear shearing, and long stripping area adopts spiral cutting.

TECHNICAL DATA

- Striping capacity diameter: 8-28 mm
- Weight of the instrument: 0.12 kg
- Length: 190mm

2 YEARS TOTAL WARRANTY
+ 2 standard 0 extended

RoHs COMPLIANT
CE



MECHANICAL CABLE CUTTING PLIERS CC-400 TYPE

59304

FUNCTIONS

- Cutting of aluminum or copper cable conductors
- Cutting of conductors with metal bearing core

TECHNICAL DATA

- Maximum section of the cable:
  - for aluminum conductors up to 400mm^2
  - for copper conductors up to 350mm^2
- Cutting power: 15T
- Presence of cutting mechanism type ratchet
- Presence of brake of the cutting mechanism
- Weight of the instrument: 1.25kg
- Length of the instrument: 360mm
- Packing: blister

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



RATCHET CABLE CUTTER 250MM

598162

TECHNICAL DATA

- Type: CU /AL cable cutter
- Maximum section of the cable: up to D30mm (240mm^2)
- Size: 250 mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



CABLE CUTTER 600MM

598160

TECHNICAL DATA

- Type: Cable cutter
- Size: 600 mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended

RoHs COMPLIANT

CE

Scan each QR code to see product price and availability.

HYDRAULIC TOOLS



HYDRAULIC CRIMPING PLIERS YQK-50 TYPE

59303

2 YEARS TOTAL WARRANTY
+ 2 standard
0 extended

FUNCTIONS

- Crimping of aluminum or copper conductors with cable terminals

or bush in the corresponding size.

TECHNICAL DATA

- Form of the crimping element: hexagonal
- Size of the crimping element: 4, 6, 10, 16, 25, 35, 50mm^2
- Section of the crimping conductors:
  - Al conductors - from 4 to 50mm^2
  - Cu conductors – from 4 to 50 mm^2
- Element pressing power: 8T
- Width of the element: 10mm
- Weight of the instrument: 2.8 kg
- Length: 310mm
- Used hydraulic oil: #15 (hydraulic oil with viscosity 15)
- Plastic box for the instrument
- A set of congestion hoops for the hydraulic cylinder



HYDRAULIC CRIMPING PLIERS YQK-300 TYPE

59301

2 YEARS TOTAL WARRANTY
+ 2 standard
0 extended

FUNCTIONS

- Crimping of aluminum or copper conductors with cable terminals

or bush in the corresponding size

TECHNICAL DATA

- Device for automatic following of the effort at crimping completion
- Form of the crimping element: hexagonal
- Size of the crimping element: 10, 16, 25, 35, 50, 70, 95, 120, 150, 185, 240, 300mm^2
- Section of the crimping conductors:
  - Al conductors - from 16 to 300 mm^2
  - Cu conductors – from 16 to 240 mm^2
- Element pressing power: 100kN
- Width of the element: 22mm
- Weight of the instrument: 6.3 kg
- Length: 500mm
- Used hydraulic oil: #23 (hydraulic oil with viscosity 23)
- Plastic box for the instrument
- A set of congestion hoops for the hydraulic cylinder

RoHs COMPLIANT
CE

Scan each QR code to see product price and availability.



HYDRAULIC CRIMPING PLIERS KYQ-300B TYPE

59302

FUNCTIONS

- Crimping of aluminum or copper conductors with cable terminals

2 YEARS TOTAL WARRANTY + 2 standard 0 extended

or bush in the corresponding size

TECHNICAL DATA

- Device for automatic following of the effort at crimping completion
- Form of the crimping element: hexagonal
- Size of the crimping element: 16, 25, 35, 50, 70, 95, 120, 150, 185, 240, 300mm^2
- Section of the crimping conductors:
  - Al conductors - from 16 to 300 mm^2
  - Cu conductors – from 16 to 240 mm^2
- Element pressing power: 100kN
- Width of the element: 22mm
- Weight of the instrument: 6.8 kg
- Length: 500mm
- Used hydraulic oil: #23 (hydraulic oil with viscosity 23)
- Plastic box for the instrument
- A set of congestion hoops for the hydraulic cylinder

RoHs COMPLIANT

CE



HYDRAULIC CRIMPING PLIERS HT-300 TYPE

59300

FUNCTIONS

- Crimping of aluminum or copper conductors with cable terminals

2 YEARS TOTAL WARRANTY + 2 standard 0 extended

or bush in the corresponding size

TECHNICAL DATA

- Crimping head turning at 360° which facilitates the crimping of static conductors
- Device for automatic following of the effort at crimping completion
- Form of the crimping element: hexagonal
- Size of the crimping element: 16, 25, 35, 50, 70, 95, 120, 150, 185, 240, 300mm^2
- Section of the crimping conductors:
  - Al conductors - from 16 to 300 mm^2
  - Cu conductors – from 16 to 240 mm^2
- Element pressing power: 60kN
- Width of the element: 17mm
- Weight of the instrument: 3.3 kg
- Length: 460mm
- Used hydraulic oil: #15 (hydraulic oil with viscosity 15)
- Metal box for the instrument
- A set of congestion hoops for the hydraulic cylinder

Scan each QR code to see product price and availability.



HYDRAULIC PUNCHING PLIERS WK-8 TYPE

54000

2 YEARS TOTAL WARRANTY
+ 2 standard 0 extended

FUNCTIONS

- Cutting through openings in sheet metal with gauge up to 3mm without rotary motion.

TECHNICAL DATA

- Piercing head turning at 360°
- Form of the cutting element: round
- Size of the cutting element: ø22.5, 28.3, 34.6, 43.2, 49.6, 61.5mm
- Piercing capacity:
  - Sheet metal 3mm – openings up to ø30mm
  - Sheet metal 2mm – openings up to ø60mm
- Element pressing power: 80kN
- Thickness of the element: 25mm
- Weight of the instrument: 3.5 kg
- Used hydraulic oil: #15 (hydraulic oil with viscosity 15)
- Metal box for the instrument
- A set of congestion hoops for the hydraulic cylinder



HYDRAULIC PUNCHING PRESS SYK-15 TYPE

54001

2 YEARS TOTAL WARRANTY
+ 2 standard 0 extended

FUNCTIONS

Cutting through openings in sheet metal with gauge up to 3mm without rotary motion

TECHNICAL DATA

Protracting piercing head supplied with a hose for the hydraulic oil that gives possibility for piercing openings everywhere on the metal surface
Form of the cutting element:
- Round
- Square

Size of the cutting element:
- round openings: Ø 22.5, 28.3, 34.6, 43.2, 9.6, 61.5mm

Piercing capacity:
- Sheet metal 3mm- openings up to ø60.8mm
- Sheet metal 2mm - openings up to ø115.5mm
- Square opening up to 110x110mm

Element pressing power: 15T
Thickness of the element: 25mm
Weight of the instrument: 11.5 kg
Used hydraulic oil: #15 (hydraulic oil with viscosity 15)
Metal box for the instrument
A set of congestion hoops for the hydraulic cylinder



ADDITIONAL SET FOR WK-8 & SYK-15

54002

2 YEARS TOTAL WARRANTY
+ 2 standard 0 extended

Additional set of cutting elements for cable glands: Ø16, 20, 26.2, 32.5, 39, 51, 63 and a square for display devices 46.5x46.5, 68x68

RoHs COMPLIANT
CE

VDE INSULATED MECHANICAL TOOLS - 1000V



1000V | VDE | CrV

VDE INSULATED COMBINED PLIERS 180MM

598025

TECHNICAL DATA

- Type: Combined pliers 1000V
- Size: 180 mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



1000V | VDE | CrV

VDE INSULATED LONG NOSE PLIERS 150 MM

598027

TECHNICAL DATA

- Type: Long nose pliers 1000V
- Size: 150 mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



1000V | VDE | CrV

VDE INSULATED BENT NOSE PLIERS 160MM

598028

TECHNICAL DATA

- Type: Bent nose pliers 1000V
- Size: 160 mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



1000V | VDE | CrV

VDE INSULATED SIDE CUTTING PLIERS 160MM

598026

TECHNICAL DATA

- Type: Cutting pliers 1000V
- Size: 160 mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended

Scan each QR code to see product price and availability.



1000V | VDE | CrV

VDE INSULATED CABLE CUTTER PLIERS 150MM

598000

TECHNICAL DATA

- Type: Cutting pliers 1000V
- Size: 150 mm

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended



1000V | VDE | CrV

VDE INSULATED WIRE STRIPPING PLIERS 160MM

598029

TECHNICAL DATA

- Type: Wire stripping pliers 1000V
- Size: 160 mm

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended



1000V | VDE | CrV

VDE INSULATED WATER PUMP PLIERS 238MM

598129

TECHNICAL DATA

- Type: Water pump pliers 1000V
- Size: 238 mm

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended



1000V | VDE | CrV

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

VDE INSULATED SCREWDRIVER- SLOTTED

598014

TECHNICAL DATA

- Type: Screwdriver 1000V- slotted
- Size: 2.5x75 mm

598015

TECHNICAL DATA

- Type: Screwdriver 1000V- slotted
- Size: 4x100 mm

598016

TECHNICAL DATA

- Type: Screwdriver 1000V- slotted
- Size: 5.5x125 mm



1000V | VDE | CrV

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

VDE INSULATED SCREWDRIVER- PH

598017

TECHNICAL DATA

- Type: Screwdriver 1000V- PH
- Size: PH0x60 mm

598018

TECHNICAL DATA

- Type: Screwdriver 1000V- PH
- Size: PH1x80 mm

598019

TECHNICAL DATA

- Type: Screwdriver 1000V
- Size: PH2x100 mm

598020

TECHNICAL DATA

- Type: Screwdriver 1000V-PH
- Size: PH3x150 mm



1000V | VDE | CrV

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

VDE INSULATED SCREWDRIVERS- PZ

598021

TECHNICAL DATA

- Type: Screwdriver 1000V- PZ
- Size: PZ0x60 mm

598022

TECHNICAL DATA

- Type: Screwdriver 1000V- PZ
- Size: PZ1x80 mm

598023

TECHNICAL DATA

- Type: Screwdriver 1000V- PZ
- Size: PZ2x100 mm

Scan each QR code to see product price and availability.



8/pcs | 1000V | VDE | CrV

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

VDE INSULATED TOOLS 8PCS, SET

598130

SET INCLUDES
- 1pc VDE long nose plier 150mm
- 1pc VDE diagonal cutting plier 150mm
- 1pc VDE screwdriver PH1 x 4.5 x 80mm
- 1pc VDE screwdriver PH2 x 6 x 100mm
- 1pc VDE screwdriver 0.4 x 2.5 x 75mm
- 1pc VDE screwdriver 0.8 x 4 x 100mm
- 1pc VDE voltage tester 140mm
- 1pc Insulating red tape



7/pcs | 1000V | VDE | CrV

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

VDE INSULATED SCREWDRIVERS 7PCS, SET

598132

SET INCLUDES
- 3pcs slotted: 6.5 x 150mm; 5.5 x 125mm; 4 x 100mm
- 3pcs Phillips: PH2 x 100mm; PH1 x 80mm; PH0 x 60mm
- 1pc single-pole voltage tester



13/pcs | 1000V | VDE | CrV

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

VDE INSULATED SCREWDRIVERS 13PCS, SET

598024

SET INCLUDES
- 4pcs slotted: 1.2 x 6.5 x 100mm; 1 x 5.5 x 100mm; 0.8 x 4 x 100mm; 0.5 x 3 x 100mm
- 2pcs Phillips: PH2 x 100mm; PH1 x 80mm
- 2pcs Pozidriv: PZ2 x 100mm; PZ1 x 80mm
- 3pcs Torx: T20 x 100mm; T15 x 100mm; T10 x 100mm
- 1pc single-pole voltage tester
- 1pc screwdriver handle

Scan each QR code to see product price and availability.



CrV

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

CRV SCREWDRIVERS- SLOTTED

598100

TECHNICAL DATA

- Type: Screwdriver- slotted
- Size: 3x75 mm

598101

TECHNICAL DATA

- Type: Screwdriver- slotted
- Size: 5x38 mm

598102

TECHNICAL DATA

- Type: Screwdriver- slotted
- Size: 5x100 mm



CrV

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

CRV SCREWDRIVERS- PH

598103

TECHNICAL DATA

- Type: Screwdriver- Phillips
- Size: PH0x75 mm

598104

TECHNICAL DATA

- Type: Screwdriver- Phillips
- Size: PH1x75 mm

598105

TECHNICAL DATA

- Type: Screwdriver- Phillips
- Size: PH2x100 mm

598106

TECHNICAL DATA

- Type: Screwdriver- Phillips
- Size: PH2x150 mm

598107

TECHNICAL DATA

- Type: Screwdriver- Phillips
- Size: PH3x150 mm



CrV

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

CRV SCREWDRIVERS- PZ

598108

TECHNICAL DATA

- Type: Screwdriver- Pozidrive
- Size: PZ1x75 mm

598109

TECHNICAL DATA

- Type: Screwdriver- Pozidrive
- Size: PZ2x100 mm

598110

TECHNICAL DATA

- Type: Screwdriver- Pozidrive
- Size: PZ3x150mm

Scan each QR code to see product price and availability.



7/pcs CrV

WATCH SCREWDRIVERS 7PCS, SET

598112

SET INCLUDES
- 6pcs screwdrivers
- 1pc magnifier

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



6/pcs CrV

PRECISION SCREWDRIVERS 6PCS, SET

598119

SET INCLUDES
- 2pcs Phillips: PH0; PH1
- 4pcs slotted: 1.4mm; 2mm; 2.4mm; 3mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



32/pcs CrV

WATCH SCREWDRIVERS 32PCS, SET

598113

SET INCLUDES
- 20pcs slotted, PH, PZ, Torx and Hex screwdriver bits
- 9pcs socket bits
- 1pc bit driver
- 1pc ratchet handle
- 1pc precision batch handle

5 YEARS TOTAL WARRANTY + 3 standard 2 extended

Scan each QR code to see product price and availability.



11/pcs | CrV

RATCHET SCREWDRIVER 11PCS, SET

598111

SET INCLUDES
- 3pcs slotted bits: 3; 4; 5mm
- 3pcs Phillips bits: PH1; PH2; PH3
- 2pcs Pozidriv: PZ1; PZ2
- 2pcs Torx: T10; T15
- 1pc ratchet screwdriver

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



18/pcs | CrV

RATCHET WRENCH AND SCREWDRIVER 18PCS SET

598114

SET INCLUDES
- 1pc mini ratchet T-handle
- 1pc 25mm adaptor
- 1pc magnetic extension shaft
- 3pcs slotted: 3.0, 5.0, 6.0mm
- 3pcs Phillips: PH1, PH2, PH3
- 3pcs Torx: T10, T15, T20
- 6pcs sockets: 5, 6, 7, 8, 9, 10mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



48/pcs | CrV

T-HANDLE RATCHET SCREWDRIVER 48PCS SET

598115

SET INCLUDES
- 1pc T-handle screwdriver
- 1pc adjustable extension bar
- 1pc adaptor
- 10pcs 1/4" CRV sockets: 12, 11, 10, 9, 8, 7, 6, 5, 4.5, 4mm
- 35pcs Cr-v bits (6.35x25mm)

5 YEARS TOTAL WARRANTY + 3 standard 2 extended

Scan each QR code to see product price and availability.



61/pcs CrV

RATCHET T-DRIVER 61PCS SET

598116

5 YEARS TOTAL WARRANTY + 3 standard 2 extended

SET INCLUDES
- 1pc ratchet T-handle
- 1pc precision screwdriver handle
- 1pc soft extension bar
- 1pc adaptor
- 1pc 140mm extension bar
- 17pcs Cr-v bits(6.35x25mm)
- 30pcs Cr-v bits(4x28mm)
- 9pcs 1/4" sockets



6/pcs CrV

SCREWDRIVER 6PCS SET

598117

5 YEARS TOTAL WARRANTY + 3 standard 2 extended

SET INCLUDES
- 3pcs slotted: 3x75mm; 3x100mm; 6x150mm
- 3pcs Phillips: PH0x75mm; PH1x100mm; PH2x150mm



10/pcs CrV

SCREWDRIVER BIT WITH PP BOX 10PCS SET

598452

5 YEARS TOTAL WARRANTY + 3 standard 2 extended

SET INCLUDES
- 10pcs 50mm screwdriver bit



17/pcs CrV

SCREWDRIVER BIT TOOL 17PCS SET

598453

SET INCLUDES

- 5 pcs slotted: 3mm; 4mm; 5mm; 6mm; 7mm x 25mm
- 5 pcs Torx: T-10; T-15; T20; T25; T-30 x 25mm
- 3 pcs Pozidriv: PZ1; PZ2; PZ3 x 25mm
- 3 pcs Phillips: PH1; PH2; PH3 x 25mm
- 1 pc quick bit holder x 60mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



6/pcs CrV

SCREWDRIVER 6PCS SET

598133

SET INCLUDES

- 3pcs slotted: 4x75mm; 5x100mm; 6x125mm
- 3pcs Phillips: PH1x75mm; PH1x100mm; PH2x125mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



12/pcs CrV

RATCHET SCREWDRIVER 12PCS SET

598118

SET INCLUDES

- 6pcs slotted: 6x38mm; 3x75mm; 5x75mm; 6x100mm; 8x150mm; 9x200mm
- 6pcs Phillips: PH2x38mm; PH0x75mm; PH1x75mm; PH2x100mm; PH3x150; PH4x200

5 YEARS TOTAL WARRANTY + 3 standard 2 extended

Scan each QR code to see product price and availability.



30/pcs CrV

SCREWDRIVER BITS 30PCS SET

598120

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

SET INCLUDES
- 9pcs Torx: T4, T5, T6, T7, T8, T9, T10, T15, T20
- 9pcs slotted: 1.0mm, 1.2mm, 2.0mm, 2.5mm, 3.0mm, 3.5mm, 4.0mm
- 4pcs Phillips
- 8pcs Hex: 0.7mm, 0.9mm, 1.3mm, 1.5mm, 2.0mm, 2.5mm, 3.0mm, 4.0mm
- 1pc bits holder
- 1pc screwdriver handle



20/pcs CrV

SOCKETS AND SCREWDRIVER BITS 20PCS SET

598121

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

SET INCLUDES
- 2pcs Phillips: PH1; PH2
- 2pcs Pozidrive: PZ1; PZ2
- 2pcs slotted: 5mm; 6mm
- 7pcs Torx: T10; T15; T20; T27; T30; T40
- 5pcs socket: 6mm; 7mm; 8mm; 10mm; 13mm
- 1pc stubby ratchet handle



41/pcs CrV

MINI RATCHET SCREWDRIVER 41PC SET

598134

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

SET INCLUDES
- 4pcs Phillips: PH0; PH1; PH2; PH3
- 4pcs Pozidrive: PZ0; PZ1; PZ2; PZ3
- 8pcs slotted: 3mm; 4mm; 5mm; 6mm; 1/8; 5/32; 3/16; 1/4
- 6pcs 1/4" sockets: 5-10mm
- 1pcs 25mm 1/4 inch socket adaptor
- 1pc 60mm 1/4 inch magnetic extension bar



CRV COMBINATION PLIER 160MM

598122

TECHNICAL DATA
- Type: Combination pliers
- Material: Chrome vanadium + TPE
- Size: 160 mm

CrV

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



CRV COMBINATION PLIER 180MM

598123

TECHNICAL DATA
- Type: Combination pliers
- Material: Chrome vanadium + TPE
- Size: 180 mm

CrV

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



CRV LONG NOSE PLIERS 175MM

598125

TECHNICAL DATA
- Type: Long nose pliers
- Material: Chrome vanadium + TPE
- Size: 175 mm

CrV

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



3PCS MINI PLIERS 117MM, SET

598039

TECHNICAL DATA
- Type: Mini flat, diagonal and round nose pliers, SET
- Material: Chrome vanadium
- Size: 117 mm

CrV

5 YEARS TOTAL WARRANTY + 3 standard 2 extended

Scan each QR code to see product price and availability.



CrV

CRV DIAGONAL SIDE CUTTING PLIERS 180MM

598124

TECHNICAL DATA
- Type: Diagonal side cutting pliers
- Material: Chrome vanadium + TPE
- Size: 180 mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



CrV

CRV WIRE STRIPPING PLIERS 160MM

598126

TECHNICAL DATA
- Type: Wire stripping pliers
- Material: Chrome vanadium + TPE
- Size: 160 mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



CrV

CRV MULTI- FUNCTIONAL WIRE STRIPPING CLAMP 225MM

598127

TECHNICAL DATA
- Type: Multi-functional pliers
- Material: Chrome vanadium + TPE
- Size: 225 mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



CrV

CRV GROVE JOINT PLIERS 250MM

598128

TECHNICAL DATA
- Type: Grove joint pliers
- Material: Chrome vanadium + TPE
- Size: 250 mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



BOLT CUTTER 600MM

598161

TECHNICAL DATA
- Type: Bolt cutter
- Size: 600 mm

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended



TINMAN'S SNIPS GERMANY'S TYPE 300MM

598181

TECHNICAL DATA
- Type: Tinman's snips Germany's type
- Forged entirely, cutting edges induction quenched with spring and lock by oxide
- Size: 300mm

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended



CrV

LOCKING PLIERS 250MM

598155

TECHNICAL DATA
- Type: Locking pliers
- Material: Chrome vanadium
- Quick easy locking and release action
- Curved jaws with wire cutters
- Turn screw to adjust holding pressure fit work
- Size: 250mm

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended



PRUNING SHEARS 200MM

598193

TECHNICAL DATA
- Type: Pruning shears
- Material: Heat-treated carbon steel head
- Soft and ergonomic handles
- Non-stick blades
- Size: 200mm

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.



QUICK RATCHET CLAMP

598157

TECHNICAL DATA

- Type: Quick ratchet clamp
- Material: Hardened and tempered carbon steel
- Handle material: Nylon + tempered rubber
- Wide opening
- Quick release soft-grip handles

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended



CrV

CARPENTER PLIERS 200MM

598156

TECHNICAL DATA

- Material: Chrome vanadium
- Comfort grip handles
- Size: 200mm

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended



RIVED GUN

598163

TECHNICAL DATA

- Type: Rivet gun
- Size: 250 mm
- Chrome vanadium jaws
- Steel construction with ergonomic grip handle
- Spring loaded handle ejects rivet stem automatically
- Fits rivet sizes:2.4mm; 3.2mm; 4.0mm; 4.8mm
- One wrench stored in handle

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended



FOLDING HAND REVERTER

598164

TECHNICAL DATA

- Type: Folding hand reverter
- Nozzle size: 3.2mm; 4.0mm; 4.8mm; 6.0mm; 6.4mm
- Size: 800 mm

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended



HEAVY DUTY THREE WAY STAPLE GUN

598323

TECHNICAL DATA
- Material: Chrome finishing metal
- Hi/low power switch for driving control
- Quick jam release button
- For flat wire staples: 4-14mm
- For U- cable staples: 10-12mm
- For brad nails: 10-14mm

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended



U-CABLE STAPLES FOR STAPLES GUN

598324

TECHNICAL DATA
- Size: 10mm

598325

TECHNICAL DATA
- Size: 12mm



FLAT STAPLES FOR STAPLES GUN

598326

TECHNICAL DATA
- Size: 6mm

598327

TECHNICAL DATA
- Size: 8mm

598328

TECHNICAL DATA
- Size: 10mm

598329

TECHNICAL DATA
- Size: 12mm

598330

TECHNICAL DATA
- Size: 14mm



BRAD NAILS FOR STAPLES GUN

598331

TECHNICAL DATA
- Size: 10mm

598332

TECHNICAL DATA
- Size: 12mm

598333

TECHNICAL DATA
- Size: 14mm

Scan each QR code to see product price and availability.



PVC PIPE CUTTER

598165

TECHNICAL DATA
- Type: PVC pipe cutter
- Body material: Aluminum
- Blade material: 65Mn Steel
- Cutting capacity: 3 - 42mm

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended



UTILITY KNIFE

598202

TECHNICAL DATA
- Type: Utility knife
- Body material: Strong tubular handles with rubber grips
- Blade material: SK5
- Blades QTY: 3 pcs

2 YEARS TOTAL WARRANTY
+ 2 standard 0 extended



UTILITY KNIFE BLADES, 10PCS

598207

TECHNICAL DATA
- Type: Utility knife blades
- Blade material: Steel SK5



HEAVY DUTY ZINC ALLOY UTILITY KNIFE

598203

TECHNICAL DATA
- Type: Utility knife
- Body material: Steel
- Blade material: SK5
- Blades QTY: 5 pcs

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended



ELECTRICIAN'S FOLDABLE KNIFE

598204

TECHNICAL DATA
- Type: Electrician's knife
- Blade material: Steel, no rust

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended



ROTARY CUTTERS

598205

TECHNICAL DATA
- Type: Rotary cutters
- Blade material: Steel
- Usage: For fabric and sewing work

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended



GLASS SCRAPERS

598206

TECHNICAL DATA
- Type: Glass scrapers
- Blade material: Steel

2 YEARS TOTAL WARRANTY
+ 2 standard 0 extended

Scan each QR code to see product price and availability.



MULTI TOOL 12 IN 1

598208

TECHNICAL DATA
- Type: Multi tool 12 in 1
- Material: Stainless steel construction with anodized aluminum handle

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended



MULTI TOOL

598209

TECHNICAL DATA
- Type: Multi tool
- Material: Stainless steel construction with anodized aluminum handle

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended



MULTI TOOL 16 IN 1

598211

TECHNICAL DATA
- Type: Multi tool 16 in 1
- Material: Stainless steel construction with anodized aluminum handle

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.



9PCS BALL POINT INNER HEX KEY SET, LONG ARM

598250

TECHNICAL DATA
- Type: Ball point inner hex key, SET
- Material: Chrome vanadium steel
- Length: 170mm
- Hex key sizes: 1.5mm; 2mm; 2.5mm; 3mm ; 4mm; 5mm; 6mm; 8mm; 10mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



9PCS HEX KEY SET, LONG ARM

598252

TECHNICAL DATA
- Type: Hex key, SET
- Material: Chrome vanadium steel
- Length: 170mm
- Hex key sizes: 1.5mm; 2mm; 2.5mm; 3mm ; 4mm; 5mm; 6mm; 8mm; 10mm
- Hex key sizes: 1.5mm; 2mm; 2.5mm; 3mm ; 4mm; 5mm; 6mm; 8mm; 10mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



9PCS STAR KEY SET, LONG ARM

598254

TECHNICAL DATA
- Type: Star key, SET
- Material: Chrome vanadium steel
- Length: 170mm
- Star key sizes: T10, T15, T20, T25, T27, T30, T40, T45, T50

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



7PCS T-HANDLE HEX SET

598253

TECHNICAL DATA
- Type: T-handle hex, SET
- Material: Chrome vanadium steel
- T-handle hex sizes: 1.5mm; 2mm; 2.5mm; 3mm; 4mm; 5mm; 6mm; 8mm; 10mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended

Scan each QR code to see product price and availability.



25PCS BALL POINT INNER HEX KEY SET

598251

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

TECHNICAL DATA
- Type: Ball point inner hex key, SET
- Material: Chrome vanadium steel
- Hex key sizes: 1.27mm, 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm, 10mm
- 0.1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"



CROSS RIM WRENCH

598255

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

TECHNICAL DATA
- Type: Cross rim wrench
- Material: High quality carbon steel fully polished, chrome plated
- Sizes: 17mm, 19mm, 21mm, 23mm



EXTENDABLE PLUG WRENCH

598256

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

TECHNICAL DATA
- Type: Extendable plug wrench
- Material: High quality carbon steel
- Socket: 40 CrV steel drop forged
- Length: 350-530mm
- Sizes: 17mm, 19mm



16PCS DIN METRIC TAP AND DIE SET

598399

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

- Type: Tap and die, SET

SET INCLUDES
- 7 x tap: M3x0.5, M4x0.7 ,M5x0.8, M6x1.0, M8x1.25, M10x1.5, M12x1.75mm
- 7 x die: M3x0.5, M4x0.7 ,M5x0.8, M6x1.0, M8x1.25, M10x1.5, M12x1.75mm
- 1 x tap wrench: M3 - M12
- 1 x die wrench: 1"



15PCS 3/8 SOCKET SET

598257

TECHNICAL DATA
- Type: Socket SET 3/8
- Material: Chrome vanadium steel

SET INCLUDES
- 10 x Socket 3/8: 10mm, 11mm, 12mm, 13mm, 14mm, 17mm, 19mm, 21mm, 22mm, 24mm
- 2 x Extended bar 3/8: 3", 6"
- 2 x Spark plug socket 3/8: 16mm, 21mm
- 1 x Flipper ratchet handle 3/8

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



60PCS 1/4 & 1/2 SOCKET SET

598259

TECHNICAL DATA
- Type: Socket SET 1/4 & 1/2
- Material: Chrome vanadium steel

SET INCLUDES
- 18 x Socket 1/2: 10mm-24mm; 27mm; 30mm; 32mm
- 13 x Socket 1/4: 4mm-14mm
- 2 x Spark plug socket: 16mm & 21mm
- 4 x Extension bar 1/2: 125mm, 250mm; 1/4: 50mm, 100mm
- 2 x universal joint 1/4 & 1/2
- 1 x 1/2 T-cock socket
- 1 x Squarebar
- 1 x 1/4 slide bar
- 3 x Hex key wrench: 1.5mm, 2mm, 2.5mm
- 12 x Combination wrench: 8mm-19mm
- 2 x 72T ratchet handle 1/4 & 1/2, with quick release
- 1 x Flexible extension bar 1/4: 150mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



46PCS 1/4 SOCKET SET

598258

TECHNICAL DATA
- Type: Socket SET 1/4
- Material: Chrome vanadium steel

SET INCLUDES
- 13 x Socket 1/4: 4mm-14mm
- 21 x 1/4 Inserted bit socket.
- 1 x Bit adapter 30L
- 2 x 1/4 Extension bar: 2" & 4"
- 1 x 1/4 Spinner handler
- 1 x 1/4 Universal joint
- 1 x 1/4 Sliding handler
- 1 x 1/4 Flipper ratchet handle-24T
- 1 x 1/4 Flexible extension bar: 150mm
- 3x Hex key wrench: 1.5 - 2.5mm
- 1 x Blow case

5 YEARS TOTAL WARRANTY + 3 standard 2 extended

Scan each QR code to see product price and availability.



HAMMER 300GR

598350

TECHNICAL DATA
- Material: Reinforced fiber glass shaft, impact absorbent soft grip Drop forged alloy steel head
- Weight: 300gr

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



HAMMER 500GR

598351

TECHNICAL DATA
- Material: Reinforced fiber glass shaft, impact absorbent
- Weight: 500gr

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



RUBBER MALLET 450GR

598352

TECHNICAL DATA
- Designed to protect the workpiece where a metal hammer may cause damage
- Reinforced fiber glass shaft
- Hard wood handle
- Weight: 450gr

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



CLAW HAMMER 450GR

598353

TECHNICAL DATA
- Drop-Forged alloy steel
- Reinforced fiber glass shaft with plastic cover
- Impact-Absorbent soft grip
- Weight: 450gr

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



WRECKING BAR

598260

TECHNICAL DATA

- Material: High carbon painted steel
- Usage: For pulling nails, wrecking / dismantling and prying
- Size: 300x16

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended



CHISEL AND PUNCH WITH TPR HANDLE 300MM

598320

TECHNICAL DATA

- Material: Steel with thermoplastic rubber handle
- Size: 16x300mm

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended



3PCS 200MM STEEL FILE SET

598321

TECHNICAL DATA

- Material: High carbon-content steel, double-cut surfaces
- Handle: thermoplastic rubber comfort-grip handle
- SET includes: Round, half round and flat file
- Length: 200mm

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended



3PCS 200MM WOOD RASP FILE SET

598322

TECHNICAL DATA

- Material: High carbon-content steel, double-cut surfaces
- Handle: thermoplastic rubber comfort-grip handle
- SET includes: Round, half round and flat file
- Length: 200mm

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.



MEASURE TAPE 5X19

598340

TECHNICAL DATA
- Material: Plastic
- With one stop
- Length: 5m
- Width: 19mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



MEASURE TAPE 5X25

598341

TECHNICAL DATA
- Material: Heavy duty rubber cover
- With one locking button
- Length: 5m
- Width: 25mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



FIBERGLASS MEASURE TAPE 50M

598349

TECHNICAL DATA
- Material: ABS, plastic and fiberglass
- Length: 50m
- Width: 13mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



CALIPER

598342

TECHNICAL DATA
- Material: Hardened aluminum
- Measurement options: Internal, external, depth and step
- Satin scales and beam with fine screw adjusting
- Supplied in plastic storage case and display packed
- Reading: 0,02mm and 1/1000”
- Length: 150mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



DIGITAL CALIPER

598343

TECHNICAL DATA
- Material: Hardened aluminum
- Measurement options: Internal, external, depth and step
- LCD display
- Includes 1.5 volt button
- Storage case
- Length: 150mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



SPIRIT LEVEL 225MM

598344

TECHNICAL DATA
- Lightweight aluminum frame
- Rubber ends for shock absorption
- Strong-holding magnetic base with milled edge
- Measurement type: Level and 45 degree
- Length: 225mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



ALUMINUM FRAME SPIRIT LEVEL 400MM

598345

TECHNICAL DATA
- Frame material: Aluminum
- Frame thickness: 1.4mm
- Length: 400mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



ALUMINUM FRAME SPIRIT LEVEL 600MM

598346

TECHNICAL DATA
- Frame material: Aluminum
- Frame thickness: 1.4mm
- Length: 600mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended

Scan each QR code to see product price and availability.



TELESCOPING INSPECTION MIRROR

598347

TECHNICAL DATA
- Material: Chrome plated brass tube
- 50mm telescopic inspection mirror
- Telescopic length: 200-360mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



MAGNETIC PICK UP TOOL WITH LIGHT

598348

TECHNICAL DATA
- Pick up capacity: 3,6kg
- Light: 1 LED

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



5PCS WOOD WORKING DRILL, SET

598370

TECHNICAL DATA
- Sizes: 4mm, 5mm, 6mm, 8mm, 10mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



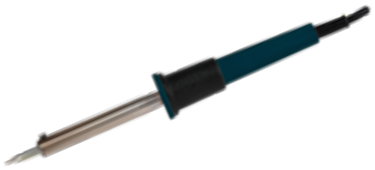
5PCS MASONRY DRILL, SET

598371

TECHNICAL DATA
- Sizes: 4mm, 5mm, 6mm, 8mm, 10mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended

Scan each QR code to see product price and availability.



SOLDERING TOOL 60W, EL-ST001-2

59612

TECHNICAL DATA

- Ratted voltage: 230V/ 50Hz
- Power: 60W
- Max. temperature: 300°C
- Preheat time: 2-3min
- Cable length: 1.5m

INCLUDED ACCESSORIES

- 1 x soldering tool holder

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended



SOLDERING GUN 100W

598175

TECHNICAL DATA

- Voltage: 230V, 50/60Hz
- Input power: 100W
- With plastic case

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended



HOT MELT GLUE GUN

598174

TECHNICAL DATA

- Voltage: 230V, 50/60Hz
- Input power: 60W
- Pre-heat time: 3-5min
- Glue stick diameter: 11.2mm

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

Scan each QR code to see product price and availability.



ADJUSTABLE HACKSAW FRAME

598191

TECHNICAL DATA

- Handle: Aluminum
- Tube: Flat with 65 manganese steel
- Size: 250 - 300mm

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended



10 PCS HACKSAW BLADES, SET

598192

TECHNICAL DATA

- Length: 250mm



TILE CUTTER

598158

TECHNICAL DATA

- Maximum cut thickness: 14mm
- Working length: 600mm
- Replaceable cutting blades

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended



3 IN 1PLASTIC TOOL BOX

595110

TECHNICAL DATA
- Material: Plastic
- Size: 15″

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



3 IN 1PLASTIC TOOL BOX

595111

TECHNICAL DATA
- Material: Plastic
- Size: 18″

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



3 IN 1PLASTIC TOOL BOX

595112

TECHNICAL DATA
- Material: Plastic
- Size: 21″

5 YEARS TOTAL WARRANTY + 3 standard 2 extended

Scan each QR code to see product price and availability.



STAINLESS STEEL TOOL BOX

595113

TECHNICAL DATA
- Material: Stainless steel
- Size: 14″

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended



STAINLESS STEEL TOOL BOX

595114

TECHNICAL DATA
- Material: Stainless steel
- Size: 17″

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended



STAINLESS STEEL TOOL BOX

595115

TECHNICAL DATA
- Material: Stainless steel
- Size: 19″

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.



IRON TOOL BOX

595119

TECHNICAL DATA
- Material: Iron
- Finishing: Powder coating
- Size: 400x200x150mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



TOOL BAG

595116

TECHNICAL DATA
- Material: Fabric
- With useful inner and outer pockets

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



TOOL BAG

595117

TECHNICAL DATA
- Material: Fabric
- With useful inner and outer pockets
- Adjustable shoulder strap

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



TOOL BAG

595118

TECHNICAL DATA
- Material: Fabric
- With useful inner and outer pockets
- Adjustable shoulder strap

5 YEARS TOTAL WARRANTY + 3 standard 2 extended

Scan each QR code to see product price and availability.



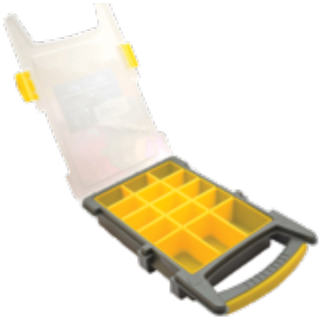
PLASTIC STORAGE BOX

595120

TECHNICAL DATA
- Material: Plastic
- Drawers QTY: 24

Size: 500x160x390mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



PLASTIC ORGANISER BOX

595121

TECHNICAL DATA
- Material: Plastic
- Box compartment QTY: 15
- Removable trays
- Size: 210x335x62mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



PLASTIC ORGANISER BOX

595122

TECHNICAL DATA
- Material: Plastic
- Box compartment QTY: 19
- Removable trays
- Size: 420x335x62mm

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



WELDING EARTH CLAMP 300A

595123

TECHNICAL DATA
- Maximum load: 300A
- High conductivity and oxidation resistant
- Thanks to the strong clamping force of the spring, the earth clamp can be securely and reliably fastened to the workpiece.
- The earth clamp is suitable for various types of welding and cutting such as TIG | MIG MAG | MMA and plasma.

5 YEARS TOTAL WARRANTY + 3 standard 2 extended



1/4 RATCHET WRENCH

598278

TECHNICAL DATA

- Gear type: Reversible, 72-tooth gear
- Material: Chrome vanadium steel
- Mechanism: Reversible with quick release
- Size: 1/4

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended



3/8 RATCHET WRENCH

598279

TECHNICAL DATA

- Gear type: Reversible, 72-tooth gear
- Material: Chrome vanadium steel
- Mechanism: Reversible with quick release
- Size: 3/8

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended



1/2 RATCHET WRENCH

598277

TECHNICAL DATA

- Gear type: Reversible, 72-tooth gear
- Material: Chrome vanadium steel
- Mechanism: Reversible with quick release
- Size: 1/2

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Scan each QR code to see product price and availability.



COMBINATION SPANNERS

TECHNICAL DATA

- Material: High quality forged chrome vanadium steel
- Offset: 15° as per DIN3113
- Satin chrome plated against corrosion
- DIN3113

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Catalogue number	Size (mm)	Length (mm)	Offset ring end	Packing (pcs) / carton
598280	6	110	15°	1/10/500
598281	7	120	15°	1/10/500
598282	8	130	15°	1/10/500
598283	9	140	15°	1/10/500
598284	10	150	15°	1/10/500
598285	11	160	15°	1/10/250
598286	12	170	15°	1/10/250
598287	13	180	15°	1/10/250
598288	14	190	15°	1/10/250
598289	15	200	15°	1/10/250
598290	16	210	15°	1/10/200
598291	17	220	15°	1/10/200
598292	18	230	15°	1/10/100
598293	19	235	15°	1/10/100
598294	20	250	15°	1/10/100
598295	21	260	15°	1/10/100
598296	22	270	15°	1/10/100
598297	23	280	15°	1/10/50
598298	24	290	15°	1/5/50
598299	25	300	15°	1/5/50
598300	26	310	15°	1/5/50
598301	27	320	15°	1/5/50
598302	28	330	15°	1/5/50
598303	29	340	15°	1/5/50
598304	30	350	15°	1/5/50
598305	32	370	15°	1/5/50

DOUBLE OPEN END SPANNERS



TECHNICAL DATA
- Material: High quality forged chrome vanadium steel
- Satin chrome plated against corrosion

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Catalogue number	Size (mm)	Length (mm)	Packing (pcs) / carton
598261	5.5x7	120	1/10/500
598262	6x7	120	1/10/500
598263	8x9	140	1/10/500
598264	9x11	155	1/10/250
598265	10x11	155	1/10/250
598266	12x13	170	1/10/200
598267	14x15	180	1/10/200
598268	16x17	200	1/10/100
598269	18x19	220	1/10/100
598270	20x22	230	1/10/100
598271	21x23	245	1/10/100
598272	22x24	250	1/10/100
598273	23x26	260	1/5/60
598274	25x28	270	1/5/50
598275	27x30	280	1/5/50
598276	30x32	295	1/5/50

DOUBLE OFFSET RING SPANNER



TECHNICAL DATA
- Material: High quality forged chrome vanadium steel
- Satin chrome plated against corrosion

5 YEARS TOTAL WARRANTY
+ 3 standard 2 extended

Catalogue number	Size (mm)	Length (mm)	Offset ring end	Packing (pcs) / carton
598306	5.5x7	155	75°	1/10/500
598307	6x7	165	75°	1/10/500
598308	8x9	185	75°	1/10/500
598309	9x11	195	75°	1/10/250
598310	10x11	200	75°	1/10/250
598311	12x13	220	75°	1/10/250
598312	14x15	230	75°	1/5/200
598313	16x17	255	75°	1/5/200
598314	18x19	270	75°	1/5/100
598315	20x22	290	75°	1/5/100
598316	21x23	310	75°	1/5/100
598317	24x27	330	75°	1/5/50
598318	25x28	355	75°	1/5/50
598319	30x32	390	75°	1/5/50

Scan each QR code to see product price and availability.



7 PCS BI-METAL HOLE SAW SET

598432

SET INCLUDES
- 5 x Hole saw: 38mm; 44mm; 52mm; 57mm; 64mm
- 1 x Arbor
- 1 x Pilot drill



13 PCS BI-METAL HOLE SAW SET

598433

SET INCLUDES
- 5 x Hole saw: 38mm; 44mm; 52mm; 57mm; 64mm
- 1 x Arbor
- 1 x Pilot drill



HOLLOW HAMMER DRILL D65

598427

TECHNICAL DATA
- Diameter: 65mm
- Length: 72mm
- Suitable with connection rod and guiding drill with catalogue numbers 598429

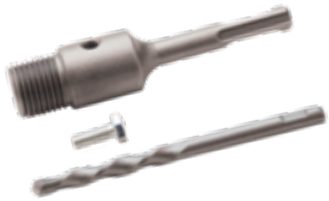


HOLLOW HAMMER DRILL D80

598428

TECHNICAL DATA
- Diameter: 80mm
- Length: 72mm
- Suitable with connection rod and guiding drill with catalogue numbers 598429

Scan each QR code to see product price and availability.



CONNECTION ROD + GUIDING DRILL SET

598429

TECHNICAL DATA
- Connection rod shank: SDS
- Connection rod length: 100mm
- Guiding drill type: Masonry
- Guiding drill diameter: 8mm
- Guiding drill length: 110mm
- Suitable with hollow hammer drills with catalogue numbers 598427 & 598428



SDS-PLUS HEXAGONAL POINTED CHISEL, 250MM

598419

TECHNICAL DATA
- Type: Hexagonal
- Shank: SDS-plus
- Diameter: 10mm
- Length: 250mm



SDS-PLUS FLAT COLD CHISEL, 250MM

598420

TECHNICAL DATA
- Type: Flat
- Shank: SDS-plus
- Diameter: 10mm
- Length: 250mm



SDS-PLUS GROOVING CHISEL, 250MM

598421

TECHNICAL DATA
- Type: Gouge
- Shank: SDS-plus
- Diameter: 10mm
- Length: 250mm



SDS-PLUS GROOVING CHISEL WITH STOP, 250MM

598422

TECHNICAL DATA
- Type: Winged chisel
- Shank: SDS-plus
- Diameter: 10mm
- Length: 250mm

Scan each QR code to see product price and availability.



SDS-MAX POINTED CHISEL, 400MM

598423

TECHNICAL DATA
- Type: Pointed
- Shank: SDS-Max
- Diameter: 18mm
- Length: 400mm



SDS-MAX FLAT COLD CHISEL, 400MM

598424

TECHNICAL DATA
- Type: Flat
- Shank: SDS-Max
- Diameter: 18mm
- Length: 400mm



SDS-MAX GROOVING CHISEL, 300MM

598425

TECHNICAL DATA
- Type: Gouge
- Shank: SDS-Max
- Diameter: 18mm
- Length: 300mm



SDS-MAX GROOVING CHISEL WITH STOP, 380MM

598426

TECHNICAL DATA
- Type: Winged chisel
- Shank: SDS-Max
- Diameter: 18mm
- Length: 380mm



12 PCS SDS-PLUS HAMMER DRILL BIT SET

598431

SET INCLUDES
- 9 x drill bit: 5x110mm; 6x110mm; 8x110mm; 10x160mm; 12x160mm; 14x200mm; 16x210mm; 18x300mm; 20x450mm
- 1x pointed chisel 14x250mm
- 1x flat chisel 14x250mm
- 1x grooving chisel 14x250mm



17 PCS SDS-PLUS HAMMER DRILL BIT SET

598430

SET INCLUDES

- 12 x drill bit: 5x110mm; 6x110mm; 8x110mm; 10x110mm; 6x160mm; 8x160mm; 2x (10x160mm); 8x210mm; 10x210mm; 12x260mm; 14x260mm
- 2x pointed chisel: 14x140mm; 14x250mm
- 1x flat chisel 14x250x20mm; 14x250x40mm
- 1x grooving chisel 14x250mm



HSS STEP DRILL BIT 4-32MM

598418

TECHNICAL DATA

- Material: High speed steel
- Size: 4-32mm



HSS 4241 TWIST DRILL FOR METAL DIN338 BRIGHT FINISHING 118°

TECHNICAL DATA

- Material: High speed steel HSS 4241
- Cutting edge: 118°
- Surface finishing: Bright

Catalogue number	Diameter (mm)	Working length (mm)	Total length (mm)	Packing (pcs) / carton
598373	3	33	61	1 / 125 / 500
598374	4	43	75	1 / 125 / 500
598375	5	52	86	1 / 100 / 400
598376	6	57	93	1 / 50 / 200
598377	8	75	117	1 / 50 / 200
598378	9	115	175	1 / 50 / 200
598379	10	121	184	1 / 50 / 200
598380	11	128	195	1 / 50 / 200
598381	12	134	205	1 / 50 / 200
598382	13	134	205	1 / 50 / 200

Scan each QR code to see product price and availability.



HSS M35 TWIST DRILL FOR METAL DIN338 TIN FINISHING 135°

TECHNICAL DATA

- Material: High speed steel M35 <Co 5%>
- Cutting edge: 118°
- Surface finishing: Bright

Catalogue number	Diameter (mm)	Working length (mm)	Total length (mm)	Packing (pcs) / carton
598385	1	12	34	1 / 125 / 500
598386	2	24	49	1 / 125 / 500
598387	3	33	61	1 / 125 / 500
598388	4	43	75	1 / 125 / 500
598389	5	52	86	1 / 125 / 500
598390	6	57	93	1 / 125 / 500
598391	7	102	156	1 / 50 / 200
598392	8	75	117	1 / 50 / 200
598393	9	115	175	1 / 50 / 200
598394	10	121	184	1 / 50 / 200
598395	11	128	195	1 / 50 / 200
598396	12	134	205	1 / 50 / 200
598397	13	134	205	1 / 50 / 200



MASONRY DRILL DIN8039 SAND PLATED 135°

TECHNICAL DATA

- Material: Sand plated steel
- Cutting edge: 135°
- Surface finishing: Sand plated

Catalogue number	Diameter (mm)	Working length (mm)	Total length (mm)	Packing (pcs) / carton
598400	6	60	100	1 / 125 / 500
598401	7	60	110	1 / 125 / 500
598402	8	80	125	1 / 50 / 200
598403	9	50	125	1 / 50 / 200
598404	10	80	125	1 / 50 / 200
598405	12	90	140	1 / 50 / 200



DOUBLE-FLUTED SDS HAMMER MASONRY DRILL DIN8035

Catalogue number	Diameter (mm)	Working length (mm)	Total length (mm)	Packing (pcs) / carton
598410	5	50	105	1 / 25/ 500
598411	6	50	105	1 / 25/ 500
598412	7	100	155	1 / 25/ 500
598413	8	100	155	1 / 25/ 500
598414	12	150	205	1 / 25/ 250
598415	5	80	135	1 / 25/ 500
598416	6	100	155	1 / 25/ 500
598417	7	150	205	1 / 25/ 500



18 PCS COMBINATION DRILL BIT SET

598398

SET INCLUDES

- 6 x HSS twist drill: 3mm; 4mm; 5mm; 6mm; 8mm; 10mm
- 6 x masonry drill: 3mm; 4mm; 5mm; 6mm; 8mm; 10mm
- 6 x wood drill: 3mm; 4mm; 5mm; 6mm; 8mm; 10mm



CUT OFF WHEEL FOR METAL

TECHNICAL DATA

- Type: T41
- Speed: 80 m/s

Catalogue number	Outer diameter (mm)	Inner diameter (mm)	Disc width (mm)	Packing (pcs) / carton
598437	115	22.2	1.0	1 / 100 / 400
598438	115	22.2	1.6	1 / 100 / 400
598439	125	22.2	1.6	1 / 100 / 400
598440	150	22.2	1.0	1 / 100 / 400
598441	150	22.2	1.6	1 / 100 / 400
598442	150	22.2	3.0	1 / 50 / 200

Scan each QR code to see product price and availability.



CUT OFF WHEEL FOR INOX

598443

TECHNICAL DATA

- Type: T41
- Speed: 80 m/s
- Outer diameter: 125 mm
- Inner diameter: 22.2 mm
- Disc width: 1.0 mm
- Packing (pcs) / carton: 1 / 25 / 400



FLAP DISC WITH FIBERGLASS BACKING PLATE

TECHNICAL DATA

- Type: T27
- Abrasive: Zirconia

Catalogue number	Outer diameter (mm)	Inner diameter (mm)	Grit	Packing (pcs) / carton
598444	125	22.2	40	1 / 10 / 100
598445	150	22.2	60	1 / 5 / 100
598446	150	22.2	120	1 / 5 / 100
598447	180	22.2	60	1 / 5 / 100
598448	180	22.2	120	1 / 5 / 100



SAW BLADES FOR WOOD CUTTING

Catalogue number	Outer diameter (mm)	Inner diameter (mm)	Disc width (mm)	Teeth	Packing (pcs) / carton
598449	125	22.2	1.8	T36	1 / 50 / 100
598450	150	22.2	2.0	T36	1 / 25 / 50
598451	180	22.2	2.0	T40	1 / 25 / 50



6 PCS HSS JIGSAW METAL CUTTING BLADES SET

598435

TECHNICAL DATA
- Material: High speed steel
- Size: 6x76mm



5 PCS JIGSAW WOOD CUTTING BLADES SET

598434

TECHNICAL DATA
- Material: Steel
- Size: 5x100mm



6 PCS HSC JIGSAW WOOD CUTTING BLADES SET

598436

TECHNICAL DATA
- Material: High carbon steel
- Size: 6x100mm

Scan each QR code to see product price and availability.

PERSONAL PROTECTIVE EQUIPMENT





SAFETY HELMET

81050

TECHNICAL DATA
- Shell materials: ABS
- Venting: YES
- Suspension: 4-points
- Ratchet adjustment: YES
- Sweat band: Replaceable
- Colour: Yellow
- Weight: 400gr
- Anti-smash
- Electric insulation
- Standard: EN397



FACE SHIELD WITH CLEAR VISOR

81051

TECHNICAL DATA
- Visor materials: Clear PVC with aluminum tape
- Visor size (WxLxD): 390 x 220 x 0.6mm
- Top colour: Yellow
- Anti-splash
- Anti-wind
- Adjustable ratchet
- Standard: EN166



BUMP HAT WITH REFLECTIVE TAPE

81052

TECHNICAL DATA
- Outer materials: 100% cotton
- Inner material: ABS
- Top colour: Signal Yellow
- Size: 58-62cm adjustable
- Hard cap A1+: All round protection
- Standard: EN812

Scan each QR code to see product price and availability.



FOG SCRATCH RESISTANCE SAFETY GOGGLES

81053

TECHNICAL DATA
- Lens material: High quality clear PC
- Anti-scratch
- Anti fog
- Standard: EN166, ANSI Z87.1



ANTI SPLASH ANTI FOG SAFETY GOGGLE

81054

TECHNICAL DATA
- Lens material: High quality clear PC
- Anti-scratch
- Anti fog
- Standard: EN166, ANSI Z87.1



WIND RESISTANT ANTI FOG EYE PROTECTIVE GOGGLE

81055

TECHNICAL DATA
- Lens material: High quality clear PC
- Anti-scratch
- Anti fog
- Anti-wind
- Standard: EN166, ANSI Z87.1



WHITE FFP2 MASK WITHOUT VALVE WITH EARLOOP

81057

TECHNICAL DATA
- Material: Non-woven fabric
- PFE: ≥96%
- 5 layer filtration protection
- Standard: EN149



NOISE PROOF SAFETY EARMUFFS

81058

TECHNICAL DATA
- Material: ABS
- SNR: 35dB
- Adjustable size
- Standard: EN352



NON-MEDICAL DISPOSABLE COVERALL WITH HAT

81064

TECHNICAL DATA
- Material: Non-woven fabric
- Size: XL
- Weight: 40gr
- Light wight
- Splash resistant



LEVEL 5 HPPE CUT RESISTANT GLOVES

81059/10

TECHNICAL DATA
- Lining material: HPPE
- Size: 10
- Anti-cut level: 5
- Standard: EN388

Scan each QR code to see product price and availability.



POLYESTER PALM COATED WORK GLOVES WITH CRINKLED LATEX

81060/9

81060/10

TECHNICAL DATA
- Lining material: Polyester
- Coating material: Latex
- Size: 9; 10
- Good abrasion
- Good breathability performance
- Standard: EN388



COTTON KNITTED GLOVES

81061/9

81061/10

TECHNICAL DATA
- Lining material: Cotton
- Size: 9; 10
- Good breathability performance
- Standard: EN388



PVC DOT COATED COTTON KNITTED WORK GLOVES

81062/9

81062/10

TECHNICAL DATA
- Lining material: Cotton
- Coating material: PVC dot
- Size: 9; 10
- Good abrasion
- Good breathability performance
- Standard: EN388



POLYESTER WORK GLOVES PALM COATED WITH PU

81063/9

81063/10

TECHNICAL DATA
- Lining material: Polyester
- Coating material: PU
- Size: 9; 10
- Good abrasion
- Anti-static
- Standard: EN388

Scan each QR code to see product price and availability.

2 YEARS TOTAL WARRANTY
+ 2 standard
0 extended

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The Brand of Electricity

WORK AND HOBBY LIGHTS



ALUMINIUM LIGHT BAR E-4116

100166

TECHNICAL DATA

- LED 3Watt COB
- Material: Aluminum
- Size: 159x32x18mm
- Battery Type: 3xAAA
- Light Mode: On/Off
- Colour: Silver

** With Two Magnets & Velcro Strip*



WORK LIGHT WITH ROTARY BASE E-5542

100169/G

TECHNICAL DATA

- LED 3Watt COB
- Lumens: 200lm
- Material: Plastic
- Size: 130x68x39mm
- Battery Type: 3xAAA
- Light Mode: On/Off
- Colour: Green

100169/Y

TECHNICAL DATA

- LED 3Watt COB
- Lumens: 200lm
- Material: Plastic
- Size: 130x68x39mm
- Battery Type: 3xAAA
- Light Mode: On/Off
- Colour: Yellow

** With Two Strong Magnet on Swivel Holder;*
With 360° Rotary Dividual Pocket Clip and 360° Swivel Holder



PIVOT WORK LIGHT WITH MAGNETIC BASE E-5503

100167

TECHNICAL DATA

- LED 3Watt COB
- Lumens: 240lm
- Material: Rubber Coated
- Size: 87x55x95mm
- Battery Type: 3xAA
- Light Mode: On/Off
- Colour: Black

** With 360° Rotary Pivot Base; With strong magnet on bottom*



ALUMINUM WORK LIGHT E-5545

100168

TECHNICAL DATA

- LED 3Watt COB
- Lumens: 200lm
- Material: Aluminum
- Size: 162x25x15mm
- Battery Type: 3xAAA
- Light Mode: On/Off
- Colour: Black

** With Strong Magnet in Swivel Hook*

Scan each QR code to see product price and availability.



ZOOM FLASHLIGHT E-6605

100172

TECHNICAL DATA

- LED 1Watt
- Material: Rubber Coated
- Size: 115x34mm
- Battery Type: 3xAAA
- Light Mode: On/Off
- Colour: Black

** Handstrap; Telescopic (ZOOM)*



ZOOM FLASHLIGHT E1171

100173

TECHNICAL DATA

- LED Type: CREE XPE
- Lumens: 200lm
- Material: Aluminum
- Size: 150x33mm
- Battery Type: 3xAAA
- Light Mode: High/Low/Strobe/Off
- Light Distance: Zoom in- 250 Meters / Zoom Out- 100Meters
- Colour: Black

** Handstrap*



HANDY SPOT FLASHLIGHT RECHARGEABLE E-6630

100174

TECHNICAL DATA

- 7LED
- Material: Plastic
- Size: 150x70x70mm
- Battery Type: Rechargeable battery
- Light Mode: On/Off
- Colour: Black & Yellow

** Direct Charge*



MINI KEY LIGHT E-5903

● **100176/BL**

TECHNICAL DATA

- LED 1.5W COB
- Material: Plastic
- Size: 71x34x21mm
- Battery Type: 2xCR2032)
- Light Mode: High/Low/ Flash/Off
- Colour: Black

● **100176/B**

TECHNICAL DATA

- LED 1.5W COB
- Material: Plastic
- Size: 71x34x21mm
- Battery Type: 2xCR2032)
- Light Mode: High/Low/Flash/Off
- Colour: Blue

** Strong Back Magnet; Colourful Carabiner*

2 YEARS TOTAL WARRANTY
2 standard + 0 extended

Scan each QR code to see product price and availability.

2 YEARS TOTAL WARRANTY
2 standard
0 extended

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The Brand of Electricity

BULB SHAPE PULL LIGHT



100175/B

TECHNICAL DATA

- LED 1W
- Material: Plastic
- Size: 55x55x160mm
- Battery Type: 3xAAA
- Light Mode: On/Off
- Colour: Blue

100175/BL

TECHNICAL DATA

- LED 1W
- Material: Plastic
- Size: 55x55x160mm
- Battery Type: 3xAAA
- Light Mode: On/Off
- Colour: Black

100175/P

TECHNICAL DATA

- LED 1W
- Material: Plastic
- Size: 55x55x160mm
- Battery Type: 3xAAA
- Light Mode: On/Off
- Colour: Pink

100175/R

TECHNICAL DATA

- LED 1W
- Material: Plastic
- Size: 55x55x160mm
- Battery Type: 3xAAA
- Light Mode: On/Off
- Colour: Red

HEADLAMP E-3645



100170

TECHNICAL DATA

- LED 3W COB
- Lumens: 200lm
- Size: 60x42x34mm
- Battery Type: 3xAAA
- Light Mode:
  - High
  - Low
  - Strobe
  - Off
- Colour: Black

Scan each QR code to see product price and availability.



ZOOM HEADLAMP E-3396

100171

TECHNICAL DATA

- 1xXML T6 + 2xCREE XPE
- Lumens: 1200lm
- Size: 59x43mm
- Battery Type: 4xAA
- Light Mode:
  - 1xT6 On
  - 2 Sides XPE On/
  - All On
  - Strobe
  - OFF
- Colour: Black



LED COB WORK LAMP 5W, E-2305

100177

TECHNICAL DATA

- Power: 5W
- Lumen: 400lm ± 10%
- LED chip: 1 x COB + 1 x XPE
- Functions: 4 (COB 100%, COB50%, LED 100%, OFF)
- Battery: Polymer lithium (LiPo)
- Battery capacity: 2000mAh
- Charging time: 3h
- Working time: 2.5h
- Included accessories: 0.5m cable type-C
- Material: ABS
- Product size: 15x64x131mm
- Weight: 114g



LED COB WORK LAMP 7W, E-2302

100178

TECHNICAL DATA

- Power: 7W
- LED chip: 1 x COB + 1 x XPE
- Functions: Stepless dimming
- Battery: Lithium battery
- Battery capacity: 1800mAh
- Charging time: 3h
- Working time: 2.5h
- Included accessories: 1m cable type-C
- Material: ABS
- Product size: 36x36x395mm
- Weight: 200g

** NOTE: There is a strong magnetic at the bottom, and the base can rotate 360° at any angle*

2 YEARS TOTAL WARRANTY
2 standard + 0 extended

Scan each QR code to see product price and availability.

2 YEARS TOTAL WARRANTY
2 standard + 0 extended



LED COB WORK LAMP 12W IP44, E-2192

100179

TECHNICAL DATA

- Power: 12W
- Lumen: 100lm
- IP degree: IP44
- LED chip: COB
- Functions: 5 (100%, 50%, SOS, FLASH, OFF)
- Battery: Lithium battery
- Battery capacity: 2000mAh
- Charging time: 5h
- Working time: 3h
- Included accessories: 1m cable type-C
- Material: ABS
- Product size: 150x160x38mm
- Weight: 360g

** NOTE: With hook and magnet*



LED COB WORK LAMP 5W, E-3002

100180

TECHNICAL DATA

- Lumen: 400lm
- Colour temperature: 6500K
- LED chip: COB
- Functions: High / Medium / Strobe/ OFF. Keep 2 seconds to highlight.
- Battery: Polymer lithium (LiPo)
- Battery capacity: 500mAh
- Charging time: 1h
- Working time: 2-3h
- Included accessories: 0.15m cable type-C
- Material: ABS + PS + AL
- Product size: 60x40x20,4mm
- Weight: 45g

** NOTE: Strong magnetic back, bottle opener function, key chain function*

Scan each QR code to see product price and availability.

BATTERIES



M070125
M070117



M070261
M070257

Catalogue number	Reference IEC	Type	Series	Voltage (V)	Diameter (mm)	Height (mm)	Packing/ Box (pcs)
M070125	LR03	AAA	High energy	1.5	10.5	44.5	1/4
M070117	LR6	AA	High energy	1.5	14.5	50.5	1/4
M070261	LR03	AAA	Max tech	1.5	10.5	44.5	1/4
M070257	LR6	AA	Max tech	1.5	14.5	50.5	1/4



M070284



M070110



M070057

Catalogue number	Reference IEC	Type	Series	Voltage (V)	Diameter (mm)	Height (mm)	Packing/ Box (pcs)
M070284	LR1		Professional electronic	1.5	12	30.2	1/1
M070087	LR14	C	Long Life	1.5	26.2	50	1/2
M070113	LR20	AAA	Long Life	1.5	34.2	61.5	1/2
M070057	3R12	4.5V	Super Life	4.5		67	1/1
M070110	LR22	9V	Long Life	9		48.5	1/1



M070236



M070132

Catalogue number	Reference IEC	Type	Series	Voltage (V)	Diameter (mm)	Height (mm)	Packing/ Box (pcs)
M070236	8LR932	A23 GA	Professional electronic	12	10.3	8.5	1/1
M070132	V27A	A27 GA	Professional electronic	12	7.7	28.2	1/1



Catalogue number	Reference IEC	Type	Series	Voltage (V)	Diameter (mm)	Height (mm)	Packing/ Box (pcs)
M070011	DL2016	CR2016	Professional electronic	3	20	1.6	1/1
M070220	DL2025	CR2025	Professional electronic	3	20	2.5	1/1
M070221	DL2032	CR2032	Professional electronic	3	20	3.2	1/1
M070259	LR44	V 13 GA	Professional electronic	1.5	11.6	5.4	1/1

Scan each QR code to see product price and availability.



EXPANSION PLUG PLASTIC SLEEVE

Expansion plug plastic sleeve is made of polyethylene. It is used for fixing of members in substrates made of solid materials. The sleeve is held firmly in place as the expansion lugs on its outside prevent it from turning once it is placed in the hole. On the inner side sleeves have guide lugs on the entire length to ensure guiding of a screw when being installed.

TYPES OF SUBSTRATES ON WHICH EXPANSION PLUG CAN BE INSTALLED:

- Concrete
- Solid clay brick
- Solid sand-lime brick

USAGE:

- Installation of skirting boards
- Installation of home furnishings
- Installation of troughs
- For fastening bundles

Catalogue number	Package type	Sleeve diameter and length (mm)	Recommended screw diameter (mm)	Min. anchorage depth (mm)	Min. depth of drilled hole (mm)	PCS in Blister/Box
BKP-06030	Blister	6x30	3.5-4	30	40	35/10
KPX-06030	Box	6x30	3.5-4	30	40	1000
BKP-08040	Blister	8x40	4-6	40	50	22/10
KPX-08040	Box	8x40	4-6	40	50	500
BKP-08050	Blister	8x50	4-6	50	60	14/10
KPX-08050	Box	8x50	4-6	50	60	400
BKP-10050	Blister	10x50	5-7	50	60	14/10
KPX-10050	Box	10x50	5-7	50	60	300
BKP-10060	Blister	10x60	5-7	60	70	10/10
KPX-10060	Box	10x60	5-7	60	70	200
BKP-12060	Blister	12x60	6-8	60	70	10/9
KPX-12060	Box	12x60	6-8	60	70	150
BKP-12080	Blister	12x80	6-8	80	90	7/9
KPX-12080	Box	12x80	6-8	80	90	100
BKP-14080	Blister	14x80	10	80	90	6/5
KPX-14080	Box	14x80	10	80	90	100
KPX-16100	Box	16x100	12	100	110	50

Scan each QR code to see product price and availability.



UNIVERSAL PLUG PLASTIC SLEEVE

Universal plug plastic sleeve is made of polyamide. It is used for fixing of members on most of building substrates. The sleeve has ribs and stabilising fins which prevent rotation of sleeve during installation and provide initial fixation in the substrate. Unique shape of the sleeve allows for installation in both solid materials (by expansion of the sleeve) and materials with voids (by shape fixation – "knot" formation).

TYPES OF SUBSTRATES ON WHICH EXPANSION PLUG CAN BE INSTALLED:

- Concrete
- Solid clay brick and sand-lime brick
- Hollow clay brick and sand-lime brick
- Autoclaved aerated concrete
- Cement board
- Plasterboard

USAGE:

- Fastening home furnishings
- Fastening cable ducts
- Fastening wiring systems
- Fastening lighting elements

Catalogue number	Package type	Sleeve diameter and length (mm)	Recommended screw diameter (mm)	Min. anchorage depth (mm)	Min. depth of drilled hole (mm)	PCS in Blister/Box
BSFX-05025	Blister	5x25	3.5	25	35	35/10
SFX-05025	Box	5x25	3.5	25	35	400
BSFX-06030	Blister	6x30	4.0	30	40	35/10
SFX-06030	Box	6x30	4.0	30	40	200
BSFX-08040	Blister	8x40	5.0	40	50	14/10
SFX-08040	Box	8x40	5.0	40	50	200
BSFX-10050	Blister	10x50	6.0	50	60	10/10
SFX-10050	Box	10x50	6.0	50	60	100
BSFX-10060	Blister	10x60	6.0	60	70	10/10
SFX-10060	Box	10x60	6.0	60	70	100



UNIVERSAL PLUG PLASTIC SLEEVE

Universal plug plastic sleeve is made of polyamide. It is used for fixing of members on most of building substrates. It has anti-rotation lugs which keep the sleeve in place when screwing in the screw. The sleeve adjusts to substrate type: in solid materials, installation is executed by expansion of the sleeve, and in materials with voids or plasterboard by shape fixation.

TYPES OF SUBSTRATES ON WHICH EXPANSION PLUG CAN BE INSTALLED:

- Concrete
- Solid clay brick and sand-lime brick
- Hollow clay brick and sand-lime brick
- Plasterboard

USAGE:

- Fastening home furnishings

Catalogue number	Package type	Sleeve diameter and length (mm)	Recommended screw diameter (mm)	Min. anchorage depth (mm)	Min. depth of drilled hole (mm)	PCS in Blister/Box
KPW-06035	Box	6x35	3.0 - 4.0	35	45	500
KPW-06050	Box	6x50	3.0 - 4.0	50	60	500
KPW-08050	Box	8x50	4.0 - 5.0	50	60	300
KPW-10060	Box	10x60	5.0 - 6.0	60	70	200



UNIVERSAL PLUG PLASTIC SLEEVE

USAGE:

- Fastening of small storage racks
- Installation of glazing
- Installation of shop windows
- Installation of awnings
- Fastening furniture
- Installation of glass walls
- Installation of window blinds
- Fastening interior design elements
- Installation of window joinery
- Installation of shutters
- Installation of door joinery
- Installation of canopies inside buildings
- Installation of garage doors
- Installation of handrails
- Fastening elements of building installations
- Installation of balustrades
- Fastening of medium storage racks
- Installation of lightweight metal structures

Catalogue number	Package type	Sleeve diameter and length (mm)	Recommended screw diameter (mm)	Min. anchorage depth (mm)	Min. depth of drilled hole (mm)	PCS in Blister/ Box
W-KPR-10120	Box	10x120	5.0 - 6.0	120	130	50
W-KPR-12100	Box	12x100	6.0 - 7.0	100	110	25
W-KPR-12140	Box	12x140	6.0 - 7.0	140	150	25

Scan each QR code to see product price and availability.

UNIVERSAL PLUG PLASTIC SLEEVE



Universal plug plastic sleeve is made of polyamide. It is used for fixing of members on most of building substrates. It has stabilizing fins which keep the sleeve in place when screwing in the screw. The sleeve adjusts to substrate type: in solid materials, installation is executed by expansion of the sleeve, and in materials with voids or plasterboard by shape fixation.

TYPES OF SUBSTRATES ON WHICH EXPANSION PLUG CAN BE INSTALLED:

- Concrete
- Solid clay brick and sand-lime brick
- Hollow clay brick and sand-lime brick
- Plasterboard

USAGE:

- Fastening home furnishings

Catalogue number	Package type	Sleeve diameter and length (mm)	Recommended screw diameter (mm)	Min. anchorage depth (mm)	Min. depth of drilled hole (mm)	PCS in Blister/Box
KPU-06035	Box	6x35	3.0 - 3.5	35	45	500
KPU-08050	Box	8x50	4.0 - 5.0	50	60	300
KPU-10060	Box	10x60	5.0 - 6.0	60	70	200

WALL PLUG FOR PLASTERBOARD



Material: polyethylene

Catalogue number	Type	Color	Bore diameter (mm)	a (mm)	b (mm)	Packing (pcs)
500443	Wall plug for plasterboard	Grey	6-7	30	19	25

PLASTERBOARD ZN-AL PLUG



The plug is made of zinc and aluminum alloy. It is used as a shank with connecting components. Wide thread ensures easy embedding in the plasterboard and large support surface, which prevents local substrate damage. The plug does not require much space behind the plasterboard.

TYPES OF SUBSTRATES ON WHICH EXPANSION PLUG CAN BE INSTALLED:

- Plasterboard

USAGE:

- Suitable for single and double plasterboards.

Catalogue number	Package type	Shank length (mm)	Screw diameter range (mm)	PCS in Blister/Box
BDRZN-29	Blister	29	4.0-4.5 x 30	8/10

Scan each QR code to see product price and availability.



HAMMER-IN ANCHOR FOR AUTOCLAVED AERATED CONCRETE

Universal hammer-in anchor is made of carbon steel with protective zinc coating. The anchor is used as a body for screw-in elements, such as screws, screw-in hooks. Metal anchor has ribbed design which provides easy screw tightening, and outer teeth allow for transfer of heavy loads. Fixing is executed by driving the screw into the anchor which causes its expansion and creates a permanent anchorage.

TYPES OF SUBSTRATES ON WHICH EXPANSION PLUG CAN BE INSTALLED:

- Autoclaved aerated concrete

USAGE:

- Used as an expansion body for screws
- As an expansion body for hooks

Catalogue number	Package type	Anchor diameter and length (mm)	Recommended screw diameter (mm)	PCS in Blister/ Box
BKMG-05	Blister	6.2x30	4.5	10/10
BKMG-06	Blister	7.5x32	4.5 - 5.0	10/10
KMG-06	Box	7.5x32	4.5 - 5.0	200
BKMG-08	Blister	9.8x36	5.0 - 6.0	7/10
BKMG-08-D	Blister	9.8x60	5.0 - 6.0	4/10
KMG-08-D	Box	9.8x60	5.0 - 6.0	50
BKMG-10	Blister	11.8x60	6.0 - 8.0	4/10
KMG-10	Box	11.8x60	6.0 - 8.0	50

Scan each QR code to see product price and availability.

HARDENED COUNTERSUNK FLAT HEAD WOOD SCREW WITH FULL THREAD



Hardened screw is made of zinc-plated low carbon steel coated with yellow protective coating. Screws for connecting wooden elements including solid wood, glued laminated timber, X-Lam and LVL timber panels and wood-based panels. Screws have counter-sunk head with PZ drive, full thread and a special cutting point suitable for connections in wooden structures.

FEATURES

- Wax coating – reduced torque, faster and easier installation
- Counter-sunk head – ensures flush fitting of the screw in the installed member
- PZ drive – ensures fast and reliable installation
- Profile of thread – provides fast and reliable connection
- Full thread – provides maximum efficiency of connection when installing thin elements

USAGE:

- For fastening steel elements
- For fastening wooden elements
- For fastening wood-based elements
- For fastening PVC elements

Catalogue number	Package type	Screw diameter (mm)	Screw length (mm)	Drive type	PCS in Blister/ Box
BWK-35016	Blister	3.5	16	PZ2	50/10
BWK-35020	Blister	3.5	20	PZ2	45/10
BWK-35025	Blister	3.5	25	PZ2	45/10
BWK-35030	Blister	3.5	30	PZ2	35/10
BWK-35035	Blister	3.5	35	PZ2	32/10
BWK-35040	Blister	3.5	40	PZ2	30/10
BWK-35045	Blister	3.5	45	PZ2	25/10
BWK-35050	Blister	3.5	50	PZ2	22/10
BWK-40020	Blister	4.0	20	PZ2	40/10
BWK-40025	Blister	4.0	25	PZ2	35/10
BWK-40030	Blister	4.0	30	PZ2	32/10
BWK-40035	Blister	4.0	35	PZ2	28/10
BWK-40040	Blister	4.0	40	PZ2	24/10
BWK-40045	Blister	4.0	45	PZ2	22/10
BWK-40050	Blister	4.0	50	PZ2	20/10
BWK-40060	Blister	4.0	60	PZ2	15/10
BWK-45025	Blister	4.5	25	PZ2	32/10
BWK-45030	Blister	4.5	30	PZ2	28/10
BWK-45035	Blister	4.5	35	PZ2	26/10
BWK-45040	Blister	4.5	40	PZ2	22/10
BWK-45050	Blister	4.5	50	PZ2	17/10
BWK-45060	Blister	4.5	60	PZ2	14/10
BWK-45070	Blister	4.5	70	PZ2	12/10
BWK-50030	Blister	5.0	30	PZ2	20/10
BWK-50040	Blister	5.0	40	PZ2	16/10
BWK-50050	Blister	5.0	50	PZ2	12/10
BWK-50060	Blister	5.0	60	PZ2	11/10
BWK-50070	Blister	5.0	70	PZ2	9/10
BWK-50080	Blister	5.0	80	PZ2	7/10
BWK-60050	Blister	6.0	50	PZ3	9/10
BWK-60060	Blister	6.0	60	PZ3	8/10
BWK-60070	Blister	6.0	70	PZ3	6/10
BWK-60080	Blister	6.0	80	PZ3	5/10

Scan each QR code to see product price and availability.

GYPSUM TO STEEL TWINFAST THREAD SCREW



Screws for fastening drywalls to timber substrates in interior applications, made of low carbon steel with phosphate finish. Screws have countersunk head which ensures flush fitting of the screw in the installed member. The thread design guarantees reliable and durable fixing to steel substrate (thickness to 0.75mm). Its sharp point makes for a quick start installation. The head has PH-2 drive providing for installation with the use of impact torsion bits.

TYPES OF SUBSTRATES ON WHICH EXPANSION PLUG CAN BE INSTALLED:
- Steel substrate – with thickness of up to 0.75mm

USAGE:
- Installation inside building
- Fastening plasterboard to steel substrates

Catalogue number	Package type	Screw diameter (mm)	Screw length (mm)	Drive type	PCS in Blister/ Box
BGM-35025	Blister	3.5	25	PH2	100/9
BGM-35035	Blister	3.5	35	PH2	100/9
BGM-35045	Blister	3.5	45	PH2	50/9
BGM-35055	Blister	3.5	55	PH2	50/9
BGM-42070	Blister	4.2	70	PH2	50/9

GYPSUM TO WOOD COARSE THREAD SCREW



Screws for fastening drywalls to timber substrates in interior applications, made of low carbon steel with phosphate finish. Screws have countersunk head which ensures flush fitting of the screw in the installed member. The thread design guarantees reliable and durable fixing both to timber and wood-based products. Its sharp point makes for a quick start installation. The head has PH-2 drive providing for installation with the use of impact torsion bits.

TYPES OF SUBSTRATES ON WHICH EXPANSION PLUG CAN BE INSTALLED:
- Timber substrate
- Wood-based material

USAGE:
- Installation o plasterboard to wooden substrates
- Installation inside building

Catalogue number	Package type	Screw diameter (mm)	Screw length (mm)	Drive type	PCS in Blister/ Box
BGD-35025	Blister	3.5	25	PH2	100/9
BGD-35035	Blister	3.5	35	PH2	100/9
BGD-35045	Blister	3.5	45	PH2	50/9
BGD-35055	Blister	3.5	55	PH2	50/9
BGD-42070	Blister	4.2	70	PH2	50/9

GYPSUM TO STEEL SELF - DRILLING SCREW



Self-drilling screws for fastening drywalls to timber substrates in interior applications, made of low carbon steel with phosphate finish. Screws have countersunk head which ensures flush fitting of the screw in the installed member. The thread design guarantees secure and durable fixing in steel substrates. Its sharp tip makes for a quick start installation. The self-drilling tip ensures penetration of sheets up to 2.5mm thick. The head has PH-2 drive providing for installation with the use of impact torsion bits

TYPES OF SUBSTRATES ON WHICH SCREW CAN BE INSTALLED:
- Steel substrate – with thickness of up to 2.50 mm

USAGE:
- Fastening plasterboard to steel substrates

Catalogue number	Package type	Screw diameter (mm)	Screw length (mm)	Drive type	PCS in Blister/ Box
BSG-35025	Blister	3.5	25	PH2	100/9
BSG-35035	Blister	3.5	35	PH2	50/9
BSG-35045	Blister	3.5	45	PH2	50/9

Scan each QR code to see product price and availability.



FLANGE HEAD SELF-TAPPING SCREW

Flange head self-tapping screw is made of heat-treated carbon steel with galvanized zinc coating 5 µm. The screw has flange head which increases the pressure area and self-tapping tip which makes fixing in steel members easier and faster.

USAGE:

- For flashingsor making lap joints in metal sheet

Catalogue number	Package type	Screw diameter (mm)	Screw length (mm)	Max. usable length (mm)	Drive type	PCS in Blister/ Box
BWPC-42013	Blister	4.2	13	10	PH2	40/10
BWPC-42016	Blister	4.2	16	13	PH2	38/10
BWPC-42019	Blister	4.2	19	16	PH2	35/10
BWPC-42025	Blister	4.2	25	20	PH2	30/10
BWPC-42032	Blister	4.2	32	25	PH2	25/10
BWPC-42040	Blister	4.2	40	35	PH2	20/10
BWPC-42050	Blister	4.2	50	45	PH2	15/10
BWPC-42065	Blister	4.2	65	60	PH2	12/10



FLANGE HEAD SELF-DRILLING SCREW

Flange head self-drilling screw is made of heat-treated carbon steel with galvanized zinc coating 5 µm. The screw has flange head which increases the pressure area and self-drilling tip which makes fixing in steel members easier and faster.

USAGE:

- Fixing steel sheets in steel constructions
- Flashings
- Making lap joints in steel sheets
- Production of joinery

Catalogue number	Package type	Screw diameter (mm)	Screw length (mm)	Max. usable length (mm)	Drive type	PCS in Blister/Box
BWSPC-42016	Blister	4.2	16	6	PH2	30/10
BWSPC-42019	Blister	4.2	19	9	PH2	28/10
BWSPC-42025	Blister	4.2	25	15	PH2	25/10
BWSPC-42032	Blister	4.2	32	22	PH2	22/10



SELF DRILLING SCREW WITH HEXAGON HEAD AND EPDM WASHER

APPLICATION:
Sheet metal to steel construction.

Material: Carbon steel
Covering: Znv

Catalogue number	Material to be fixed	Outer thread diameter (mm)	Length (mm)	Point	Packing/Box (pcs)
M317306	Metal	4.8	19	Self-drilling	1000
M317243	Metal	4.8	25	Self-drilling	500
M317126	Metal	4.8	32	Self-drilling	500
M317127	Metal	5.5	25	Self-drilling	500
M317307	Metal	5.5	32	Self-drilling	500
M317308	Metal	5.5	38	Self-drilling	500
M317309	Metal	5.5	50	Self-drilling	500
M317130	Metal	6.3	25	Self-drilling	500
M317310	Metal	6.3	32	Self-drilling	500
M317131	Metal	6.3	38	Self-drilling	500
M317311	Metal	6.3	50	Self-drilling	250
M317312	Metal	6.3	60	Self-drilling	250



SELF-DRILLING SCREW FOR FIXING STEEL SHEETS IN STEEL CONSTRUCTION

Self-drilling screw is made of heat-treated carbon steel in galvanized zinc coating 12 µm. Screw has hex head, pin threaded for use in steel and self-drilling tip.

USAGE:

- Fixing steel sheets in steel constructions
- For mounting profiled sheets to steel structures
- For mounting wall cassettes to steel structures
- Flashings
- Making lap joints in steel sheets

Catalogue number	Package type	Screw diameter (mm)	Screw length (mm)	Max. usable length (mm)	Wrench size	PCS in Blister/Box
BWS-48019	Blister	4.8	19	9	SW8	25/10
BWS-48025	Blister	4.8	25	14	SW8	24/10
BWS-48032	Blister	4.8	32	21	SW8	16/10
BWS-55025	Blister	5.5	25	10	SW8	14/10
BWS-55032	Blister	5.5	32	17	SW8	13/10
BWS-55038	Blister	5.5	38	23	SW8	12/10
BWS-55045	Blister	5.5	45	30	SW8	11/10
BWS-55050	Blister	5.5	50	35	SW8	10/10



EXPANSION PLUG WITH HEX HEAD SCREW, SET

Expansion plug comprises sleeve made of polypropylene and hex head steel screw with protective zinc coating. It is designed for fixing of light-duty interior finish systems, metal members and lightweight installations or mounting clamps on solid substrates. The plug is held firmly in place as the expansion lugs on its outside prevent it from turning once it is placed in the hole. On the inner side sleeves have guide lugs on the entire length to ensure guiding of a screw when being installed.

TYPES OF SUBSTRATES ON WHICH EXPANSION PLUG CAN BE INSTALLED:

- Concrete
- Solid clay brick
- Solid sand-lime brick

USAGE:

- Fastening of wooden interior finishing elements
- Installation of skirting boards
- Installation of home furnishings
- Installation of troughs
- For fastening bundles

Catalogue number	Package type	Sleeve diameter and length (mm)	Screw diameter and length (mm)	Max. usable length (mm)	PCS in Blister/ Box
BK-10100	Blister	10x60	6x100	40	6/9
BK-10120	Blister	10x60	6x120	60	5/9
BK-12100	Blister	12x80	8x100	20	3/9
BK-12120	Blister	12x80	8x120	40	3/9
BK-14100	Blister	14x80	10x100	20	2/9
BK-14120	Blister	14x80	10x120	40	2/9

Scan each QR code to see product price and availability.



EXPANSION PLUG WITH COUNTERSUNK HEAD SCREW

Expansion plug comprises sleeve made of polypropylene and countersunk head steel screw with protective zinc coating. It is designed for fixing of light-duty interior finish systems, wood members and lightweight installations or mounting clamps on solid substrates. The plug is held firmly in place as the expansion lugs on its outside prevent it from turning once it is placed in the hole. On the inner side sleeves have guide lugs on the entire length to ensure guiding of a screw when being installed.

TYPES OF SUBSTRATES ON WHICH EXPANSION PLUG CAN BE INSTALLED:

- Concrete
- Solid clay brick
- Solid sand-lime brick

USAGE:

- Fastening of wooden interior finishing elements
- Installation of skirting boards
- Installation of home furnishings
- Installation of troughs
- For fastening bundles

Catalogue number	Package type	Sleeve diameter and length (mm)	Screw diameter and length (mm)	Max. usable length (mm)	Drive type	PCS in Blister/Box
BKR-063535	Blister	6x30	3.5x35	5	PZ2	25/10
KRX-063535	Box	6x30	3.5x35	5	PZ2	200
BKR-084045	Blister	8x40	4.0x45	5	PZ2	14/10
KRX-084045	Box	8x40	4.0x45	5	PZ2	100
KRX-085060	Box	8x50	5.0x60	10	PZ2	100
BKR-105060	Blister	10x50	5.0x60	10	PZ2	7/10
KRX-105060	Box	10x50	5.0x60	10	PZ2	100
KRX-106070	Box	10x60	6.0x70	10	PZ3	100



HAMMER DRIVE PLUG WITH COLLAR

Hammer drive plug comprises a polyethylene and a countersunk head screw made of electroplated coatings or non-electrolytically applied zinc flake coatings steel. It is designed for fixing of thin-walled steel members. Increased head diameter ensures much better holding power of the elements being installed, and countersunk section provides reliable installation and eliminates damage to the screw when driving.

TYPES OF SUBSTRATES ON WHICH HAMMER DRIVE PLUG CAN BE INSTALLED:

- Normal concrete (use category A)
- Solid masonry (use category B)
- Hollow or perforated masonry (use category C)
- Lightweight aggregate concrete (use category D)
- Autoclaved aerated concrete (use category E)

USAGE:

- Recommended for serial installation
- For fastening steel elements
- For installation of wall sections in plasterboard ceiling and wall structures

Catalogue number	Package type	Sleeve diameter and length (mm)	Screw diameter and length (mm)	Collar diameter (mm)	Drive type	PCS in Blister/Box
BSMKC-05035	Blister	5.0x35	3.5x40	11	PZ2	25/9
BSMK-06040	Blister	6.0x40	3.9x45	13	PZ2	20/9
SMK-06040	Box	6.0x40	3.9x45	13	PZ2	200
SMK-06050	Box	6.0x50	3.9x55	13	PZ2	200
BSMK-06060	Blister	6.0x60	3.9x65	13	PZ2	14/9
SMK-06060	Box	6.0x60	3.9x65	13	PZ2	200
BSMK-06080	Blister	6.0x80	3.9x85	13	PZ2	11/9
SMK-06080	Box	6.0x80	3.9x85	13	PZ2	100
SMK-08060	Box	8.0x60	4.9x65	14	PZ2	100
SMK-08100	Box	8.0x100	4.9x105	14	PZ2	100
SMK-08120	Box	8.0x120	4.9x125	14	PZ2	100
SM-10100	Box	10x100	6.9x110	14.5	PZ3	50
SM-10120	Box	10x120	6.9x130	14.5	PZ3	50
SM-10140	Box	10x140	6.9x150	14.5	PZ3	50

Scan each QR code to see product price and availability.



UNIVERSAL PLUG WITH COUNTERSUNK HEAD SCREW

Universal plug comprises sleeve made of polyamide and countersunk head steel screw with protective zinc coating. It is designed for fixing of light-duty interior finish systems, wooden strips and lightweight installations on all building substrates. The sleeve has antirotation lugs which keep the plug-in place when screwing in the screw. Special design of the plug ensures correct guidance of the screw and reliable connection.

TYPES OF SUBSTRATES ON WHICH EXPANSION PLUG CAN BE INSTALLED:

- Concrete
- Solid clay brick and sand-lime brick
- Hollow clay brick and sand-lime brick
- Plasterboard

USAGE:

- Fastening home furnishings

Catalogue number	Package type	Sleeve diameter and length (mm)	Screw diameter and length (mm)	Max. usable length (mm)	Drive type	PCS in Blister/Box
BRU-06045	Blister	6x35	3.5x45	5	PZ2	14/10
BRU-08060	Blister	8x50	4.5x60	5	PZ2	12/10



EXPANSION PLUG WITH STRAIGHT HOOK

Expansion plug comprises sleeve made of polypropylene and steel screw with straight hook with protective zinc coating. It is designed for fixing of light-duty interior finish systems and lightweight installations or mounting clamps on solid substrates. The plug is held firmly in place as the expansion lugs on its outside prevent it from turning once it is placed in the hole. On the inner side sleeves have guide lugs on the entire length to ensure guiding of a screw when being installed.

TYPES OF SUBSTRATES ON WHICH EXPANSION PLUG CAN BE INSTALLED:

- Concrete
- Solid clay brick
- Solid sand-lime brick

USAGE:

- Fastening of typical decorative elements

Catalogue number	Package type	Sleeve diameter and length (mm)	Screw diameter and length (mm)	PCS in Blister/Box
BP-06	Blister	6.0x30	4.0x40	12/10
BP-08	Blister	8.0x40	4.5x55	9/10
BP-10D	Blister	10x60	5.5x80	5/10
BP-12	Blister	12x60	7.0x80	4/10
BP-12D	Blister	12x80	8.0x105	2/9

Scan each QR code to see product price and availability.



EXPANSION PLUG WITH TAIL HOOK

Expansion plug comprises sleeve made of polypropylene and steel screw with tail hook with protective zinc coating. It is designed for fixing of light-duty interior finish systems and lightweight installations or mounting clamps on solid substrates. The plug is held firmly in place as the expansion lugs on its outside prevent it from turning once it is laced in the hole. On the inner side sleeves have guide lugs on the entire length to ensure guiding of a screw when being installed.

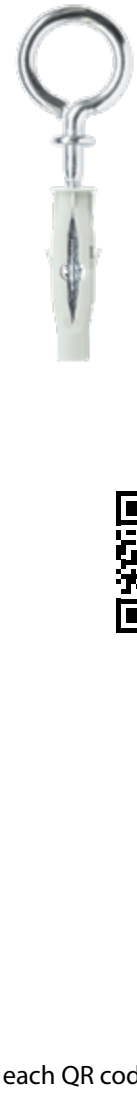
TYPES OF SUBSTRATES ON WHICH EXPANSION PLUG CAN BE INSTALLED:

- Concrete
- Solid clay brick
- Solid sand-lime brick

USAGE:

- Fastening of typical decorative elements

Catalogue number	Package type	Sleeve diameter and length (mm)	Screw diameter and length (mm)	PCS in Blister/Box
BS-06	Blister	6.0x30	4.0x40	12/10
WX-06	Box	6.0x30	4.0x40	100
BS-08	Blister	8.0x40	4.5x55	7/10
WX-08	Box	8.0x40	4.5x55	100
BS-10	Blister	10x60	5.5x80	5/10
BS-12	Blister	12x60	7.0x80	3/9



UNIVERSAL PLUG WITH EYE-BOLT HOOK

Universal plug comprises sleeve made of polyamide and steel screw with EYE-BOLT hook with protective zinc coating. It is designed for fixing of light-duty interior finish systems and lightweight installations on all building substrates. The sleeve has anti-rotation lugs which keep the plug-in place when screwing in the screw. Special design of the plug ensures correct guidance of the screw and reliable connection. Screw hooks come with special stop collar which makes the screw rest on the plug and enables correct installation.

TYPES OF SUBSTRATES ON WHICH EXPANSION PLUG CAN BE INSTALLED:

- Concrete
- Solid clay brick and sand-lime brick
- Hollow clay brick and sand-lime brick
- Plasterboard

USAGE:

- Fastening home furnishings
- Fastening lighting elements

Catalogue number	Package type	Sleeve diameter and length (mm)	Screw diameter and length (mm)	PCS in Blister/Box
BRUO-06064	Blister	6x35	3.5x65	6/10
BRUO-08084	Blister	8x50	4.5x83	4/10

Scan each QR code to see product price and availability.



TOGGLE ANCHOR

Toggle anchor is made of steel with zinc chromate coating. It is used for lightweight fixing of interior finish products in cavity materials and plasterboards. The crosspiece forms a large support surface which ensures a very strong and secure fixing.

TYPES OF SUBSTRATES ON WHICH TOGGLE ANCHOR CAN BE INSTALLED:

- Clay brick and sand-lime brick
- Hollow clay brick
- Plasterboard

USAGE:

- Fastener for lightweight suspensions of interior fittings to substrates with air cavities and in plasterboard

Catalogue number	Package type	Fastener diameter and length (mm)	Hole diameter (mm)	Maximum drywall thickness (mm)	PCS in Blister/ Box
BM-04075	Blister	M4x75	14	42	2/10



TOGGLE ANCHOR WITH EYE HOOK

Toggle anchor with eye hook is made of steel with zinc chromate coating. It is used for lightweight fixing of interior finish products in cavity materials and plasterboards. The crosspiece forms a large support surface which ensures a very strong and secure fixing.

TYPES OF SUBSTRATES ON WHICH TOGGLE ANCHOR CAN BE INSTALLED:

- Clay brick and sand-lime brick
- Hollow clay brick
- Plasterboard

USAGE:

- Fastener for lightweight suspensions of interior fittings to substrates with air cavities and in plasterboard

Catalogue number	Package type	Fastener diameter and length (mm)	Hole diameter (mm)	Maximum drywall thickness (mm)	PCS in Blister/ Box
BM-04075-O	Blister	M4x75	14	42	2/9



TOGGLE ANCHOR WITH ROUND HOOK

Toggle anchor with round hook is made of steel with zinc chromate coating. It is used for lightweight fixing of interior finish products in cavity materials and plasterboards. The crosspiece forms a large support surface which ensures a very strong and secure fixing.

TYPES OF SUBSTRATES ON WHICH TOGGLE ANCHOR CAN BE INSTALLED:

- Clay brick and sand-lime brick
- Hollow clay brick
- Plasterboard

USAGE:

- Fastener for lightweight suspensions of interior fittings to substrates with air cavities and in plasterboard

Catalogue number	Package type	Fastener diameter and length (mm)	Hole diameter (mm)	Maximum drywall thickness (mm)	PCS in Blister/ Box
BM-04075-C	Blister	M4x75	14	42	2/9



Scan each QR code to see product price and availability.



STEEL ANCHOR

Steel anchor is made of steel with zinc chromate coating. It is used for medium duty fixing of interior finish products in plasterboards and chipboards. After being fixed, collapsing arms form a large support surface on the reverse side of the plasterboard. Sharp flange barbs prevent the rotation of anchor shell during fixing which, ensures correct installation.

TYPES OF SUBSTRATES ON WHICH STEEL ANCHOR CAN BE INSTALLED:

- Plasterboard
- Chipboard

USAGE:

- Interior finishing elements on plasterboard substrate
- Materials with air cavities

Catalogue number	Package type	Fastener diameter and length (mm)	Hole diameter (mm)	Shank length (mm)	Drywall thickness range (mm)	PCS in Blister/Box
BMOL-04038	Blister	M4x38	9	32	6-12	6/10
BMOL-04045	Blister	M4x45	9	38	13-16	5/10
BMOL-04065	Blister	M4x65	9	54	27-33	4/10
BMOL-05071	Blister	M5x71	11	65	24-32	3/10
BMOL-06058	Blister	M6x58	13	52	10-16	3/10



STEEL ANCHOR WITH STRAIGHT HOOK

Steel anchor with straight hook is made of steel with zinc chromate coating. It is used for medium duty fixing of interior finish products in plasterboards and chipboards. After being fixed, collapsing arms form a large support surface on the reverse side of the plasterboard. Sharp flange barbs prevent the rotation of anchor shell during fixing which, ensures correct installation.

TYPES OF SUBSTRATES ON WHICH STEEL ANCHOR CAN BE INSTALLED:

- Plasterboard
- Chipboard

USAGE:

- Interior finishing elements on plasterboard substrate
- Materials with air cavities

Catalogue number	Package type	Fastener diameter and length (mm)	Hole diameter (mm)	Shank length (mm)	Drywall thickness range (mm)	PCS in Blister/Box
BMHP-04032	Blister	M4x38	9	32	6-12	4/10
BMHP-05052	Blister	M5x58	11	52	12-16	3/10

Scan each QR code to see product price and availability.



STEEL ANCHOR WITH ROUND HOOK

Steel anchor with straight hook is made of steel with zinc chromate coating. It is used for medium duty fixing of interior finish products in plasterboards and chipboards. After being fixed, collapsing arms form a large support surface on the reverse side of the plasterboard. Sharp flange barbs prevent the rotation of anchor shell during fixing which, ensures correct installation.

TYPES OF SUBSTRATES ON WHICH STEEL ANCHOR CAN BE INSTALLED:

- Plasterboard
- Chipboard

USAGE:

- Interior finishing elements on plasterboard substrate
- Materials with air cavities

Catalogue number	Package type	Fastener diameter and length (mm)	Hole diameter (mm)	Shank length (mm)	Drywall thickness range (mm)	PCS in Blister/Box
BMHS-04032	Blister	M4x38	9	32	6-12	4/10



STEEL ANCHOR WITH EYE HOOK

Steel anchor with straight hook is made of steel with zinc chromate coating. It is used for medium duty fixing of interior finish products in plasterboards and chipboards. After being fixed, collapsing arms form a large support surface on the reverse side of the plasterboard. Sharp flange barbs prevent the rotation of anchor shell during fixing which, ensures correct installation.

TYPES OF SUBSTRATES ON WHICH STEEL ANCHOR CAN BE INSTALLED:

- Plasterboard
- Chipboard

USAGE:

- Interior finishing elements on plasterboard substrate
- Materials with air cavities

Catalogue number	Package type	Fastener diameter and length (mm)	Hole diameter (mm)	Shank length (mm)	Drywall thickness range (mm)	PCS in Blister/Box
BMHO-04032	Blister	M4x38	9	32	6-12	4/10



EXPANSION ANCHOR WITH DOORSTOP

Expansion anchor is designed for use as a doorstop for blocking relatively lightweight interior panel door. The sleeve is made of polypropylene, and the screw is made of steel with protective zinc coating. The doorstop comes in four basic colours which allows for matching colour scheme of an interior. The screw is concealed under the doorstep which offers aesthetic finish.

TYPES OF SUBSTRATES ON WHICH STEEL ANCHOR CAN BE INSTALLED:

- Concrete
- Solid clay brick and sand-lime brick
- Natural stone

USAGE:

- Stopper preventing the door from hitting the wall when opening too wide

Catalogue number	Package type	Doorstop colour	Drilled hole diameter (mm)	Screw diameter Min. anchorage depth (mm)	Min. depth of drilled and length (mm)	Hole (mm)	PCS in Blister/ Box
BODB-08060BI	Blister	White	8	60	5x60	70	1/5
BODB-08060CZ	Blister	Black	8	60	5x60	70	1/5
BODB-08060SZ	Blister	Grey	8	60	5x60	70	1/5

Scan each QR code to see product price and availability.



WC PAN FIXING KIT

USAGE:

- For fastening toilet bowls

Catalogue number	Package type	Colour	Sleeve diameter and length (mm)	Screw diameter and length (mm)	PCS in Blister/ Box
BKMMX-10080B	Blister	White	10x50	6x80	2/9



WC BASIN FIXING KIT

USAGE:

- For fastening wash basins

Catalogue number	Package type	Sleeve diameter and length (mm)	Screw diameter and length (mm)	PCS in Blister/ Box
BKMUX-12100	Blister	12x80	6x100	2/9

Scan each QR code to see product price and availability.



CONCRETE SCREW WITH INTERNAL METRIC THREAD

Concrete screw with internal metric thread with threaded shank for the installation of permanent and temporary fixings. It is made of carbon steel and covered with a layer of galvanic zinc, which provides anti-corrosion protection. The screw is intended for installation of temporary fixings on site, suspended fixings, serial fixings (pipelines, ventilation ducts, mounting rails, consoles), assembly of light and medium steel structures.

FEATURES
- No stresses characteristic of mechanical anchors
- M8 and M10 internal threads allow threaded rods to be attached
- Quick and easy assembly by direct screwing into a hole in the concrete
- Without the use of expansion sleeves or other anchoring mortars
- Immediate load ability
- Multiple use
- Fire resistance R30 – R120

TYPES OF SUBSTRATES ON WHICH SCREW CAN BE INSTALLED:
- Cracked and non-cracked, reinforced and non-reinforced concrete C20/25 ÷ C50/60

USAGE:
- Installation of ventilation ducts
- Installation of steel profiles
- Installation of suspended fastenings
- Installation of threaded rod systems
- Installation of temporary fastenings
- Designed for indoor use under dry conditions
- Installation of metal profiles
- Installation of mounting rails and brackets
- Installation of steel decorative elements

Catalogue number	Hole diameter (mm)	Screw length (mm)	Thread outer diameter (mm)	Metric thread	Head type	PCS in Box
WDBGW-06035	6	35	7.5	M8/M10	SW10	100
WDBGW-06057	6	55	7.5	M8/M10	SW10	100



CONCRETE SCREW WITH EXTERNAL METRIC THREAD

Concrete screw with external metric thread WDBGZ with threaded shank for the installation of permanent and temporary fixings. It is made of carbon steel and covered with a layer of galvanic zinc, which provides anti-corrosion protection. The screw is intended for installation of temporary fixings on site, serial fixings (pipelines, ventilation ducts, mounting rails, consoles), installation of light and medium steel structures.

FEATURES
- No stresses characteristic of mechanical anchors
- The external thread enables direct attachment of e.g. pipe clamps
- Quick and easy assembly by direct screwing into a hole in the concrete
- Without the use of expansion sleeves or other anchoring mortars
- Immediate load ability
- Multiple use

TYPES OF SUBSTRATES ON WHICH SCREW CAN BE INSTALLED:
- Cracked and non-cracked, reinforced and non-reinforced concrete C20/25 ÷ C50/60

USAGE:
- Installation of mounting rails and brackets
- Installation of seasonal garden arrangements
- Installation of steel decorative elements
- Installation of ventilation ducts
- Installation of temporary fastenings
- Installation of metal profiles
- Installation of beams and thresholds
- Installation of equipment on construction site

Catalogue number	Hole diameter (mm)	Screw length (mm)	Thread outer diameter (mm)	Max. thickness of element installed (mm)	Head type	PCS/Box
WDBGZ-06035	6	35	7.5	M8	SW10	200
WDBGZ-06055	6	55	7.5	M8	SW10	200

Scan each QR code to see product price and availability.



CONCRETE SCREW WITH COUNTERSUNK HEAD

Flat head TX socket concrete screw with threaded shank for the assembly of permanent and temporary fixings. It is made of carbon steel and covered with a layer of galvanic zinc, which provides anti-corrosion protection. The screw is intended for the installation of temporary fixings at the construction site, serial fixings (barriers, handrails, storage racks, brackets), and the installation of light and medium steel structures.

FEATURES

- No stresses characteristic of mechanical anchors
- Flat head with TX socket enables flush with the fixing element
- Quick and easy assembly by direct screwing into a hole in the concrete
- Without the use of expansion sleeves or other anchoring mortars
- Immediate load ability
- Multiple use
- Fire resistance R30 – R120

TYPES OF SUBSTRATES ON WHICH SCREW CAN BE INSTALLED:

- Cracked and non-cracked, reinforced and non-reinforced concrete C20/25 ÷ C50/60

USAGE:

- Installation of metal profiles
- Installation of ventilation ducts
- Installation of beams and thresholds
- Installation of equipment on construction site
- Installation of mounting rails and brackets
- Installation of seasonal garden arrangements
- Installation of steel decorative elements
- Installation of piping and ducting
- Installation of temporary fastenings
- Installation of handrails and railings

Catalogue number	Hole diameter (mm)	Screw length (mm)	Thread outer diameter (mm)	Max. thickness of element installed (mm)	Head type	PCS/Box
WDBLP-08080	8	80	9.9	15	TX45	50
WDBLP-10090	10	90	12.5	15	TX50	50

Scan each QR code to see product price and availability.



CONCRETE SCREW WITH HEX WASHER HEAD

Concrete screw with a hexagonal washer head with a threaded pin for the installation of permanent and temporary fixings. It is made of carbon steel and covered with a layer of galvanic zinc, which provides anti-corrosion protection. The screw is intended for the installation of temporary fixings at the construction site, serial fixings (barriers, handrails, storage racks, brackets), and the installation of light and medium steel structures.

FEATURES

- No stresses characteristic of mechanical anchors
- Quick and easy assembly by direct screwing into a hole in the concrete
- Without the use of expansion sleeves or other anchoring mortars
- Immediate load ability
- Multiple use
- Fire resistance R30 – R120

TYPES OF SUBSTRATES ON WHICH SCREW CAN BE INSTALLED:

- Cracked and non-cracked, reinforced and non-reinforced concrete C20/25 ÷ C50/60

USAGE:

- Installation of handrails inside buildings
- Installation of racks
- Installation of temporary fastenings
- Installation of mounting rails and brackets
- Brackets
- Installation of seasonal garden arrangements
- Anchor plates
- Installation of garden tents
- Installation of metal profiles
- Installation of safety barriers
- Installation of beams and thresholds
- Installation of railings
- Installation of equipment on construction site

Catalogue number	Hole diameter (mm)	Screw length (mm)	Thread outer diameter (mm)	Max. thickness of element installed (mm)	Head type	PCS/Box
WDBLS-06040	6	40	7.5	1	SW10	100
WDBLS-06060	6	60	7.5	5	SW10	100
WDBLS-08080	8	80	9.9	15	SW13	50
WDBLS-10060	10	60	12.5	1	SW17	50
WDBLS-10080	10	80	12.5	5	SW17	50
WDBLS-10120	10	120	12.5	45	SW17	50
WDBLS-10140	10	140	12.5	65	SW17	50

Scan each QR code to see product price and availability.



SQ CERAMIC + STAINLESS STEEL A4 WEDGE ANCHOR

Mechanical anchor consists of threaded rod bolt ended with expansion cone, expansion sleeve, hexagonal nut and washer. Threaded rod bolt, nut and washer are made of carbon steel and covered with SQ Ceramic coating, while the expansion sleeve is made of A4 stainless steel. Fixing is executed by tightening the nut with adequate torque which causes sliding of expansion sleeve over the expansion cone and creates a permanent anchorage. The anchor is ideal for fixing in urban and industrial environments, both indoor and outdoor: metal substructure of the facade, machines and equipment, montage of light and medium weight steel structures, handrails and storage racks.

FEATURES

- Fast and simple installation by driving the anchor and tightening
- Ready to carry full capacity immediately
- Supplied assembled with the nut and washer
- Seismic surveys
- Fire resistance R30 – R120

TYPES OF SUBSTRATES ON WHICH ANCHOR CAN BE INSTALLED:

- Cracked and non-cracked, reinforced and non-reinforced concrete of C20/25 ÷ C50/60 strength class

USAGE:

- Installation of handrails
- Installation of balustrades
- Installation of decorative elements
- Installation of lightweight metal structures
- Installation of railings
- Installation of medium metal structures
- Installation of steelwork
- Installation inside building
- Installation of metal substructures for facades in urban and industrial environments
- Outdoor installation
- Installation of machinery and equipment in aggressive environments

Catalogue number	Anchor diameter and length (mm)	Thickness of fixed member (mm)	Thread (mm)	Nut head type	PCS in Box
LE-DA4-08095	8x95	≤40	M8	SW13	50
LE-DA4-10085	10x85	5 - 25	M10	SW17	50
LE-DA4-10105	10x105	25 - 45	M10	SW17	25
LE-DA4-12105	12x105	5 - 25	M12	SW19	50
LE-DA4-12125	12x125	25 - 45	M12	SW19	25
LE-DA4-12145	12x145	45 - 65	M12	SW19	25

Scan each QR code to see product price and availability.



GALVANIZED STEEL WEDGE ANCHOR

Mechanical anchor consists of threaded rod bolt ended with expansion cone, expansion sleeve, hexagonal nut and washer. It is made of carbon steel. Corrosion protection is ensured by galvanized zinc coating. Fixing is executed by tightening the nut with adequate torque which causes sliding of expansion sleeve over the expansion cone and creates a permanent anchorage. The anchor is ideal for fixing in indoor: machines and equipment, montage of light and medium weight steel structures, handrails and storage racks.

FEATURES

- Fast and simple installation by driving the anchor and tightening
- Ready to carry full capacity immediately
- Supplied assembled with the nut and washer
- Fire resistance R30 – R120

TYPES OF SUBSTRATES ON WHICH ANCHOR CAN BE INSTALLED:

- Cracked and non-cracked, reinforced and non-reinforced concrete of C20/25 ÷ C50/60 strength class

USAGE:

- Installation of handrails inside buildings consoles
- Installation of supports ladders
- Assembly of machinery and equipment stairs
- Installation of balustrades inside buildings gates
- Installation of railings inside buildings
- Shelves inside buildings
- Installation of steelwork
- Installation of decorative elements inside buildings
- Installation of lightweight and medium metal structures inside buildings

Catalogue number	Anchor diameter and length (mm)	Thickness of fixed member (mm)	Thread (mm)	Nut head type	PCS in Box
LE-ZN-08075	8x75	≤20	M8	SW13	100
LE-ZN-10085	10x85	5 - 25	M10	SW17	50
LE-ZN-10105	10x105	25 - 45	M10	SW17	25
LE-ZN-12105	12x105	5 - 25	M12	SW19	50
LE-ZN-12125	12x125	25 - 45	M12	SW19	25
LE-ZN-12145	12x145	45 - 65	M12	SW19	25



DROP IN ANCHOR

APPLICATION

- For fixing in concrete and hard materials.

TECHNICAL DATA

Material: Galvanized steel
Covering: Zn

Catalogue number	Thread	Length (mm)	Drill diameter (mm)	Packing/Box (pcs)
M517233	M6	25	8	100
M517234	M8	30	10	100
M517235	M10	40	12	50



SLEEVE ANCHOR

APPLICATION

- For fixing in concrete and solid materials.

TECHNICAL DATA

Material: Galvanized steel
Covering: Zn

Catalogue number	Thread	Length (mm)	Drill diameter (mm)	Grade	Packing/Box (pcs)
M517207	M6	45	8	6.8	100
M517208	M6	60	8	6.8	100
M517209	M8	60	10	6.8	100
M517210	M8	80	10	6.8	100
M517211	M10	70	12	6.8	50
M517212	M10	100	12	6.8	25



EYE ANCHOR BOLT

APPLICATION

- For fixing in concrete and solid materials

TECHNICAL DATA

Material: Galvanized steel
Covering: Zn

Catalogue number	Thread	Length (mm)	Drill diameter (mm)	Grade	Packing/Box (pcs)
M517218	M6	45	8	6.8	100
M517219	M8	60	10	6.8	50
M517220	M10	70	12	6.8	25



Scan each QR code to see product price and availability.



HOOK ANCHOR BOLT

APPLICATION
For fixing in concrete and solid materials.

TECHNICAL DATA
Material: Galvanized steel
Covering: Zn

Catalogue number	Thread	Length (mm)	Drill diameter (mm)	Grade	Packing/Box (pcs)
M517221	M6	45	8	6.8	100
M517222	M8	60	10	6.8	50
M517223	M10	70	12	6.8	25



THREADED HANGING ROD

TECHNICAL DATA
Material: Carbon steel
Covering: Zn

Catalogue number	Thread	Length (mm)	Grade	Packing/Box (pcs)
M517079	M6	1000	4.8	100
M517080	M8	1000	4.8	50
M517078	M10	1000	4.8	40



HEXAGON HEAD SCREWS FULLY THREADED



TECHNICAL DATA
Material: Carbon steel
Covering: Zn

Catalogue number	Thread	Length (mm)	Grade	Packing/Box (pcs)
M317064	M6	16	5.6	500
M317065	M6	20	5.6	500
M317066	M6	25	5.6	500
M317067	M6	30	5.6	500
M317073	M8	20	5.6	200
M317074	M8	25	5.6	200
M317075	M8	30	5.6	200
M317076	M8	40	5.6	200
M317080	M10	30	5.6	200
M317081	M10	40	5.6	100
M317082	M10	50	5.6	100



Scan each QR code to see product price and availability.



CARRIAGE BOLT

Metric carriage bolt, for structural fastenings of sheet overlaps, members in steel and wooden structures. The bolt is made of zinc-plated low carbon steel. Metric thread over a part of length of the pin.

USAGE:

- Joining metal structures
- Joining plastic structures
- Joining wooden structures

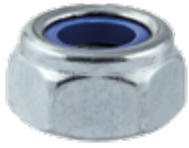
Catalogue number	Thread (mm)	Diameter and length (mm)	Head diameter (mm)	Property class	BOX/KG	PCS/KG	PCS/BOX
SZM-06020	M6	6x20	14	4.6	3	131	393
SZM-06030	M6	6x30	14	4.6	3	104	312
SZM-06040	M6	6x40	14	4.6	3	84	252
SZM-06050	M6	6x50	14	4.6	3	71	213
SZM-06060	M6	6x60	14	4.6	3	61	183
SZM-06070	M6	6x70	14	4.6	3	54	162
SZM-06080	M6	6x80	14	4.6	3	48	144
SZM-08030	M8	8x30	18	4.6	3	58	174
SZM-08040	M8	8x40	18	4.6	3	47	141
SZM-08050	M8	8x50	18	4.6	3	40	120
SZM-08060	M8	8x60	18	4.6	3	34	102
SZM-08070	M8	8x70	18	4.6	3	30	90
SZM-08080	M8	8x80	18	4.6	3	27	81



GALVANIZED HEXAGONAL NUT DIN 934

Hexagonal nuts are used with metric screws and metric rods. Nuts made in accordance with DIN 934 fit all rods with the metric thread diameter.

Catalogue number	Length and height	Threaded rod size	BOX/KG	PCS/KG	PCS/BOX
NM-06	4.9x11	M6	4	400	1600
NM-08	6.5x13	M8	4	192	768
NM-10	8x17	M10	4	86	344
NM-12	10x19	M12	3	57	171



GALVANIZED HEX SELF-LOCKING NUT DIN 985

Hex self-locking nuts are fasteners cooperating with metric screws. Made of zinc-plated low carbon steel.

Catalogue number	Threaded rod size	BOX/KG	PCS/KG	PCS/BOX
NMS-06	M6	3	416	1248
NMS-08	M8	3	196	588
NMS-10	M10	3	94	282
NMS-12	M12	3	58	174

Scan each QR code to see product price and availability.

GALVANIZED ACORN NUT DIN 1587



Acorn nuts are fasteners cooperating with metric screws. Made of zinc-plated low carbon steel.

Catalogue number	Threaded rod size	BOX/KG	PCS/KG	PCS/BOX
NMK-06	M6	3	214	642
NMK-08	M8	3	90	270
NMK-10	M10	3	49	147
NMK-12	M12	3	35	105

GALVANIZED WING NUT DIN 315



Wing nuts are fasteners cooperating with metric screws. Made of zinc-plated low carbon steel.

Catalogue number	Threaded rod size	BOX/KG	PCS/KG	PCS/BOX
NMM-06	M6	3	169	507
NMM-08	M8	3	114	342
NMM-10	M10	3	67	201
NMM-12	M12	3	26	78

GALVANIZED STANDARD FLAT WASHER LARGE DIN 125A

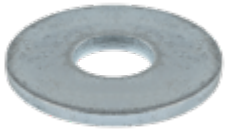


200HV grade washers for use with: screws of classes A and B and grades of up to 8.8, hexagonal nuts of class A and B and the class of up to 8 as well as hardened bolts.

Catalogue number	Inner/Outer diameter (mm)	Height (mm)	Threaded rod size	BOX/KG	PCS/KG	PCS/BOX
PON-06	6.4/12	1.6	M6	4	980	3920
PON-08	8.4x16	1.6	M8	4	546	2184
PON-10	10.5x20	2.0	M10	4	280	1120
PON-12	13x24	2.5	M12	4	159	636

Scan each QR code to see product price and availability.

GALVANIZED WIDE FLAT WASHER DIN 9021A



200HV grade large washers for use with: screws of classes A and B and grades of up to 8.8, hexagonal nut of class A and B and the class of up to 8 as well as hardened bolts.

Catalogue number	Inner/Outer diameter (mm)	Height (mm)	Threaded rod size	BOX/KG	PCS/KG	PCS/BOX
POD-06	6.4/18	1.8	M6	4	358	1432
POD-08	8.4x24	2.0	M8	4	160	640
POD-10	10.5x30	2.5	M10	4	81	324
POD-12	13x37	3.0	M12	4	45	180

GALVANIZED SPRING WASHER DIN 127



Spring washers cooperating with metric screws and hexagonal nuts. Made of zinc-plated low carbon steel.

Catalogue number	Inner/Outer diameter (mm)	Height (mm)	Threaded rod size	BOX/KG	PCS/KG	PCS/BOX
POS-06	6.4/12	1.6	M6	3	1204	3612
POS-08	8.4x16	1.6	M8	3	625	1875
POS-10	10.5x20	2.0	M10	3	395	1185
POS-12	13x24	2.5	M12	3	261	783

CONNECTING ANGLE PLATE



Three-dimensional plate fasteners for nailing are used for various timber-to-timber connections. For connections, the following fasteners can be used: nails, screws, ring shank nails and screws. Angle brackets have their own nailing diagrams. If no information is given it is assumed that they should be fixed using all available holes. Fasteners are coated with blue zinc-plated coating ensuring corrosion protection and come in fire resistance class A1.

USAGE:

- For joining wooden elements
- For joining wooden structures

Catalogue number	Construction resistance (kN)	Angle	Dimension (mm)	Thickness (mm)	Packing BOX
KL-01	1.23	90°	52x52x35	2.5	100
KL-02	1.83	90°	72x72x55	2.5	50
KL-03	1.83	90°	90x90x65	2.5	50

Scan each QR code to see product price and availability.

REINFORCED ANGLE BRACKET



Three-dimensional plate fasteners for nailing are used for various timber-to-timber connections. For connections, the following fasteners can be used: nails, screws, ring shank nails and screws. Angle brackets have their own nailing diagrams. If no information is given it is assumed that they should be fixed using all available holes. Fasteners are coated with blue zinc-plated coating ensuring corrosion protection and come in fire resistance class A1.

USAGE:

- For joining wooden elements

Catalogue number	Construction resistance (kN)	Angle	Dimension (mm)	Thickness (mm)	Packing BOX
KPW-01	5,79	90°	73x73x55	2.5	50
KPW-02	5,79	90°	93x53x55	2.5	50
KPW-03	5,79	90°	92x92x65	2.5	50
KPW-04	5,79	90°	105x105x90	2.5	25
KPW-07	5,79	90°	93x53x48	2.5	50

NAIL PLATE ANGLE BRACKET



Three-dimensional plate fasteners for nailing are used for various timber-to-timber connections. For connections, the following fasteners can be used: nails, screws, ring shank nails and screws. Angle brackets have their own nailing diagrams. If no information is given it is assumed that they should be fixed using all available holes. Fasteners are coated with blue zinc-plated coating ensuring corrosion protection and come in fire resistance class A1.

USAGE:

- For joining wooden elements

Catalogue number	Construction resistance (kN)	Angle	Dimension (mm)	Thickness (mm)	Packing BOX
KP-02	1.23	90°	42x42x40	2	50
KP-03	1,23	90°	42x42x60	2	50
KP-04	1,83	90°	42x42x100	2	50
KP-05	2,04	90°	42x42x200	2	50
KP-06	1,23	90°	52x52x40	2	50
KP-07	1,23	90°	62x62x40	2	50
KP-08	1,81	90°	62x62x40	2	50
KP-09	1,81	90°	62x62x80	2	50
KP-10	1,81	90°	62x62x100	2	50
KP-11	1,83	90°	82x82x40	2	50
KP-12	2,04	90°	82x82x60	2	50
KP-13	2,04	90°	82x82x80	2	25
KP-14	2,04	90°	102x102x60	2	25
KP-15	4.51	90°	102x102x80	2	25
KP-16	4.51	90°	102x102x100	2	25

Scan each QR code to see product price and availability.



WIDE ANGLE BRACKET

Three-dimensional plate fasteners for nailing are used for various timber-to-timber connections. For connections, the following fasteners can be used: nails, screws, ring shank nails and screws. Angle brackets have their own nailing diagrams. If no information is given it is assumed that they should be fixed using all available holes. Fasteners are coated with blue zinc-plated coating ensuring corrosion protection and come in fire resistance class A1.

USAGE:

- For joining wooden elements

Catalogue number	Construction resistance (kN)	Angle	Dimension (mm)	Thickness (mm)	Packing BOX
KS-01	1,13	90°	32x32x30	2	100
KS-02	1,13	90°	42x42x40	2	100
KS-03	2,14	90°	60x60x60	2	50



NARROW ANGLE BRACKET

Three-dimensional plate fasteners for nailing are used for various timber-to-timber connections. For connections, the following fasteners can be used: nails, screws, ring shank nails and screws. Angle brackets have their own nailing diagrams. If no information is given it is assumed that they should be fixed using all available holes. Fasteners are coated with blue zinc-plated coating ensuring corrosion protection and come in fire resistance class A1.

USAGE:

- For fastening wooden elements
- For fastening wood-based elements

Catalogue number	Construction resistance (kN)	Angle	Dimension (mm)	Thickness (mm)	Packing BOX
KW-01	0.73	90°	27x27x17	2	100
KW-03	0.73	90°	42x42x17	2	100
KW-04	0.73	90°	52x52x17	2	100
KW-05	0.73	90°	62x62x17	2	100
KW-06	0.73	90°	77x77x17	2	100
KW-09	0.73	90°	104x104x20	4	50
KW-11	0.73	90°	125x125x20	5	50
KW-12	0.73	90°	150x150x25	5	50



Scan each QR code to see product price and availability.

C- BRACKET WITH SKEWABLE ANGLE 135°



Three-dimensional plate fasteners for nailing are used for various timber-to-timber connections. For connections, the following fasteners can be used: nails, screws, ring shank nails and screws. Angle brackets have their own nailing diagrams. If no information is given it is assumed that they should be fixed using all available holes. Fasteners are coated with blue zinc-plated coating ensuring corrosion protection and come in fire resistance class A1.

USAGE:

- For joining wooden elements

Catalogue number	Construction resistance (kN)	Angle	Dimension (mm)	Thickness (mm)	Packing BOX
CLG-01	1.23	135°	50x50x35	2.5	25
CLG-02	1.83	135°	70x70x55	2.5	25

RAFTER CONNECTOR



Three-dimensional plate fasteners for nailing are used for various timber-to-timber connections. For connections, the following fasteners can be used: nails, screws, ring shank nails and screws. Angle brackets have their own nailing diagrams. If no information is given it is assumed that they should be fixed using all available holes. Fasteners are coated with blue zinc-plated coating ensuring corrosion protection and come in fire resistance class A1.

USAGE:

- For joining rafters - increasing wind resistance of the roof

Catalogue number	Direction	Construction resistance (kN)	Angle	Dimension (mm)	Thickness (mm)	Packing BOX
LK-01-L	Left	6.66	90°	40x170x100	2	25
LK-02-P	Right	6.66	90°	40x170x100	2	25
LK-03-L	Left	6.66	90°	40x210x140	2	25
LK-04-P	Right	6.66	90°	40x210x140	2	25
LK-05-L	Left	6.66	90°	40x250x180	2	25
LK-06-P	Right	6.66	90°	40x250x180	2	25



NAIL PLATE

Nail plates for nailing are made from steel sheet and used mainly for various types of timber-to-timber connections. For connections, the following fasteners can be used: nails, screws, ring shank nails and screws. Angle brackets have their own nailing diagrams. If no information is given it is assumed that they should be fixed using all available holes. Fasteners are coated with blue zinc-plated coating ensuring corrosion protection and come in fire resistance class A1.

USAGE:

- For joining wooden elements

Catalogue number	Construction resistance (kN)	Dimension (mm)	Thickness (mm)	Packing BOX
LP-01	1.1	40x80	2	50
LP-02	1.1	40x100	2	50
LP-03	1.1	40x120	2	50
LP-04	1.1	40x160	2	100
LP-08	1.1	60x140	2	50
LP-09	1.48	60x160	2	50
LP-11	1.48	60x200	2	50
LP-13	1.48	60x240	2	50
LP-17	2.46	80x200	2	50
LP-19	2.46	80x240	2	50
LP-20	2.46	80x300	2	25
LP-21	2.46	100x200	2	50
LP-23	2.46	100x240	2	50
LP-24	2.46	100x260	2	50
LP-25	2.46	100x300	2	50
LP-26	2.46	120x240	2	50
LP-27	2.46	120x300	2	50
LP-28	2.46	140x400	2	50



SPECIAL PURPOSE PLATE TIE

Nail plates for nailing are made from steel sheet and used mainly for various types of timber-to-timber connections. For connections, the following fasteners can be used: nails, screws, ring shank nails and screws. Angle brackets have their own nailing diagrams. If no information is given it is assumed that they should be fixed using all available holes. Fasteners are coated with blue zinc-plated coating ensuring corrosion protection and come in fire resistance class A1.

USAGE:

- For joining wooden elements

Catalogue number	Construction resistance (kN)	Dimension (mm)	Thickness (mm)	Packing BOX
LPS-01	1.08	100x35	2.5	50
LPS-02	1.08	140x55	2.5	50

Scan each QR code to see product price and availability.

T-BRACKET



Nail plates for nailing are made from steel sheet and used mainly for various types of timber-to-timber connections. For connections, the following fasteners can be used: nails, screws, ring shank nails and screws. Angle brackets have their own nailing diagrams. If no information is given it is assumed that they should be fixed using all available holes. Fasteners are coated with blue zinc-plated coating ensuring corrosion protection and come in fire resistance class A1.

USAGE:

- For joining wooden elements

Catalogue number	Dimension (mm)	Thickness (mm)	Packing BOX
LT-01	70x50x16	2	50

JOIST HANGER



Three-dimensional plate fasteners for nailing are used for various timber-to-timber connections. For connections, the following fasteners can be used: nails, screws, ring shank nails and screws. Angle brackets have their own nailing diagrams. If no information is given it is assumed that they should be fixed using all available holes. Fasteners are coated with blue zinc-plated coating ensuring corrosion protection and come in fire resistance class A1.

USAGE:

- Executing carpentry joints
- For installation of wooden construction beams
- Making connections between wooden beams and concrete walls

Catalogue number	Construction resistance (kN)	Dimension (mm)	Thickness (mm)	Packing BOX
WB-03	6.98	45x102x75	2	20
WB-08	6.98	51x10275	2	20
WB-09	6.98	51x128x75	2	20
WB-12	5.53	64x102x75	2	20
WB-13	6.98	64x132x75	2	20
WB-19	8.75	79x154x75	2	20
WB-24	8.75	104x142x75	2	20
WB-25	9.69	124x162x80	2	10
WB-26	9.69	144x182x80	2	10

Scan each QR code to see product price and availability.



STRAP ANCHOR

Three-dimensional plate fasteners for nailing are used for various timber-to-timber connections. For connections, the following fasteners can be used: nails, screws, ring shank nails and screws. Angle brackets have their own nailing diagrams. If no information is given it is assumed that they should be fixed using all available holes. Fasteners are coated with blue zinc-plated coating ensuring corrosion protection and come in fire resistance class A1.

USAGE:

- For fastening ground beams
- For fastening wall plates
- For fastening wooden walls
- For anchoring wooden elements
- For fastening posts

Catalogue number	Construction resistance (kN)	Dimension (mm)	Angle	Thickness (mm)	Packing BOX
KK-01	2.5	90°	42x202x40	2	25
KK-02	3.68	90°	42x302x40	2	25
KK-03	3.68	90°	42x402x40	2	25



FOUNDATION ANCHOR

Foundation anchor is used as a fastener for timber-to-concrete or metal-to-concrete connections, mainly as a base for post when hiding the anchor inside a pole is not required. Ensures a very tight connection. It is designed to transfer vertical forces. Made from steel sheet. For connections, pin type fasteners, such as screws or bolts, can be used. Anchors have their own nailing diagrams. If no information is given it is assumed that they should be fixed using all available holes. Fasteners are coated with blue zinc-plated coating ensuring corrosion protection and come in fire resistance class A1.

USAGE:

- For joining wooden elements to concrete substrate

Catalogue number	Construction resistance (kN)	Overground size (mm)	Thickness (mm)	Packing BOX
LB-01	1.86	80x60x130	5	10
LB-02	1.86	90x60x130	5	10
LB-03	1.86	100x60x130	5	10
LB-04	1.86	110x60x130	5	10
LB-05	1.86	160x60x130	5	10
LB-06-OT	1.86	89x90x130	5	10
LB-07	1.86	130x60x130	5	10

Scan each QR code to see product price and availability.



POST BASE

Post base made of steel sheet is used as a fastener for timber-to-concrete or metal-to-concrete connections. It is mainly used as a base for metal or wood post. For connections, pin type fasteners, such as screws or bolts, can be used. Anchors have their own nailing diagrams. If no information is given it is assumed that they should be fixed using all available holes. Fasteners are coated with blue zinc-plated coating ensuring corrosion protection and come in fire resistance class A1.

USAGE:

- Joining wooden structure to concrete elements

Catalogue number	Hole size (mm)	Plate size (mm)	Height (mm)	Thickness (mm)	Packing BOX
KOP-01	71x71	145x145	150	2	1
KOP-02	91x91	145x145	170	2	1



POST ANCHOR

Post anchors made of steel sheet are used mainly for securing wood posts directly in the ground. For connections, pin type fasteners, such as screws or bolts, can be used. Anchors have their own nailing diagrams. If no information is given it is assumed that they should be fixed using all available holes. Fasteners are coated with blue zinc plated coating ensuring corrosion protection and come in fire resistance class A1.

USAGE:

- Stabilization of wooden columns

Catalogue number	Hole size (mm)	Underground length (mm)	Overground length (mm)	Thickness (mm)	Packing BOX
KOW-01	71x71	600	145	2	1
KOW-02	91x91	600	145	2	1

Scan each QR code to see product price and availability.



SHELF BRACKET

Shelf bracket made of steel sheet. It is used as a bracket when installing any type of wall shelves. Fixing is done using all holes. Fasteners are powder coated to ensure their corrosion protection.

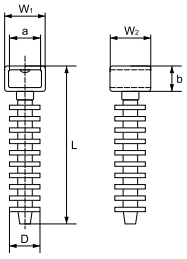
Catalogue number	Colour	Dimensions (mm)	Packing BOX
WP-02BI	White	100x125	20
WP-02BR	Brown	100x125	20
WP-04BI	White	150x200	20
WP-04BR	Brown	150x200	20
WP-06BI	White	200x250	20
WP-06BR	Brown	200x250	20
WP-08BI	White	300x350	20
WP-08BR	Brown	300x350	20
WP-09BI	White	350x400	20
WP-09BR	Brown	350x400	20



Scan each QR code to see product price and availability.

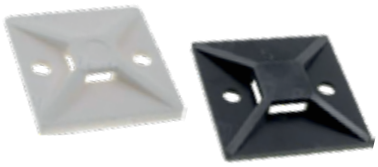
CABLE TIE HOLDER

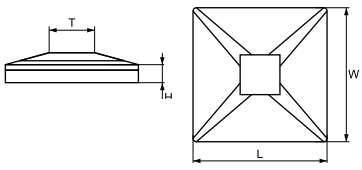




Catalogue number	Type	Colour	Bore diameter (mm)	Dimensions (mm)						Packing (pcs)
				a	b	D	W1	W2	L	
500046	MT-8	White	8	9.7	6.3	9.9	12.7	12.6	43	100
500047	MT-8	Black	8	9.7	6.3	9.9	12.7	12.6	43	100

CABLE TIE MOUNTS ADHESIVE

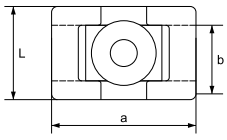


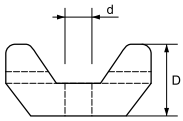


Catalogue number	Type	Colour	Dimensions (mm)				Packing (pcs.)
			L	W	H	T	
500041	MT-25	White	25	25	7.5	6.2	100
500042	MT-25	Black	25	25	7.5	6.2	100
500043	MT-30	White	30	30	8.7	6.4	100
500039	MT-30	Black	30	30	8.7	6.4	100

CABLE TIE BASES FIXED WITH SCREWS







Catalogue number	Type	Colour	Dimensions (mm)					Packing (pcs)
			a	b	L	d	D	
500048	CTH-2C	White	22	16.5	9	5.8	9.5	100
500038	CTH-2C	Black	22	16.5	9	5.8	9.5	100

Scan each QR code to see product price and availability.



CABLE TIES - WHITE

Catalogue number	Type	Length (mm)	Colour	Width (mm)	Packing (pcs)	Packing / Box (pcs)
500100	Cable ties	100	White	2.5	100	10/800
500152	Cable ties	150	White	2.5	100	10/500
500162	Cable ties	160	White	2.5	100	10/500
500202	Cable ties	200	White	2.5	100	10/400
500253	Cable ties	250	White	3.5	100	10/250
500283	Cable ties	280	White	3.5	100	10/200
500303	Cable ties	300	White	3.5	100	10/200
500304	Cable ties	300	White	4.8	100	10/120
500373	Cable ties	370	White	3.5	100	10/120
500384	Cable ties	380	White	4.8	100	10/100
500454	Cable ties	450	White	4.8	100	10/70
500507	Cable ties	500	White	7.9	100	5/40



CABLE TIES - BLACK

Catalogue number	Type	Length (mm)	Colour	Width (mm)	Packing (pcs)	Packing / Box (pcs)
500151	Cable ties	150	Black	2.5	100	10/500
500161	Cable ties	160	Black	2.5	100	10/500
500251	Cable ties	250	Black	3.5	100	10/250
500281	Cable ties	280	Black	3.5	100	10/200
500301	Cable ties	300	Black	3.5	100	10/200
500501	Cable ties	500	Black	7.9	100	40



PA66 NYLON SELF-EXTINGUISHING CABLE TIES, NATURAL COLOUR

MAIN TECHNICAL FEATURES

- Material: PA66 nylon
- Self-extinguishing V2 degree according to Standard UL94
- Installation temperature : from -40°C to +85°C.
- High resistance to mineral oils and grease
- Colour: Natural
- Standard: EN 62275 and UL

Catalogue number	Dimensions (mm)	Max. bundle diameter (mm)	Min. resistance to stress (kg)	Packing/Box (pcs)
EC8001025	100X2,5	22	8.1	100/5000
EC8001225	120X2,5	33	8.1	100/5000
EC8001436	140X3,6	33	18.22	100/5000
EC8001625	160X2,5	38	8.1	100/5000
EC8002025	200X2,5	53	8.1	100/5000
EC8002036	200X3,6	53	18.2	100/5000
EC8002048	200X4,8	50	22.2	100/5000
EC8002548	250X4,8	60	22.2	100/5000
EC8002936	290X3,6	76	18.2	100/5000
EC8002976	290X7,6	76	54.4	100/2000
EC8003648	360X4,8	102	22.2	100/3000
EC8004348	430X4,8	110	22.2	100/3000
EC8004390	430X9,0	110	79.4	100/1000
EC8005390	530X9,0	140	79.4	100/1000

Scan each QR code to see product price and availability.



PA66 NYLON SELF-EXTINGUISHING CABLE TIES, BLACK COLOUR

MAIN TECHNICAL FEATURES

- Material: PA66 nylon
- Self-extinguishing V2 degree according to Standard UL94
- Installation temperature : from -40°C to +85°C.
- High resistance to mineral oils and grease
- Colour: Black
- Standard: EN 62275 and UL

Catalogue number	Dimensions (mm)	Max. bundle diameter (mm)	Min. resistance to stress (kg)	Packing/Box (pcs)
EC8101025	100X2,5	22	8.1	100/5000
EC8101225	120X2,5	33	8.1	100/5000
EC8101436	140X3,6	33	18.22	100/5000
EC8101625	160X2,5	38	8.1	100/5000
EC8102025	200X2,5	53	8.1	100/5000
EC8102036	200X3,6	53	18.2	100/5000
EC8102048	200X4,8	50	22.2	100/5000
EC8102548	250X4,8	60	22.2	100/5000
EC8102936	290X3,6	76	18.2	100/5000
EC8102976	290X7,6	76	54.4	100/2000
EC8103648	360X4,8	102	22.2	100/3000
EC8104348	430X4,8	110	22.2	100/3000
EC8104390	430X9,0	110	79.4	100/1000
EC8105390	530X9,0	140	79.4	100/1000



PA66 NYLON SELF-EXTINGUISHING CABLE TIES, NATURAL COLOUR

Catalogue number	Dimensions (mm)	Max. bundle diameter (mm)	Min. resistance to stress (kg)	Packing/Box (pcs)
EC8701025	100X2,5	18	8.1	100/5000
EC8702025	200X2,5	50	8.1	100/5000



INDICATION COLOUR CABLE TIES FOR LABEL

Catalogue number	Colour	Cable ties dimensions (mm)	Label dimensions (mm)	Packing (pcs)
500428B	Blue	150X4,0	15x25	100/300
500428R	Red	150X4,0	15x25	100/300

Scan each QR code to see product price and availability.



INDICATION CABLE TIES FOR LABEL WHITE

Catalogue number	Colour	Cable ties dimensions (mm)	Label dimensions (mm)	Packing (pcs)
500429	White	100X2,5	8x25	100/500
500430	White	200X3,5	15x30	100/250



CABLE HOLDER WITH TIE

Catalogue number	Type	Colour	Dissensions (mm)				Packing (pcs)
			a	b	c	d	
500444	Cable holder with tie	Black	27	14	140	0,5	20



WALL PLUG WITH CABLE TIE

Catalogue number	Type	Colour	Bore diameter (mm)	Tie Length (mm)	Packing (pcs)
500427	Wall plug with cable tie	Black	6	95	50
500425	Wall plug with cable tie	Black	8	95	50



UV RESISTANCE WIRE GRIP, BLACK

Catalogue number	Model	Colour	Bundle diameter (mm)	Band length (mm)	Packing (pcs)
36002EP	UP-Z 18 UV	Black	12-18	45	50
36004EP	UP-Z 38 UV	Black	15-38	95	50

Scan each QR code to see product price and availability.

WIRE GRIP, BLACK

Fixing clips are used to fix the electrical, telecommunication, control wires as well as pipes to different surfaces. The use of fixing clips for wires ensures a very fast wire fixing, fixing reliability, professional appearance of the fixing, possibility of clip removal to carry out some corrections at a relatively low cost.



UM 16



UM 16 CZ

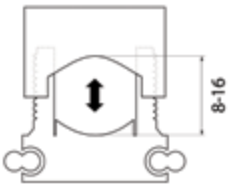


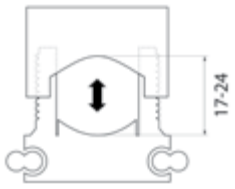
UM 24



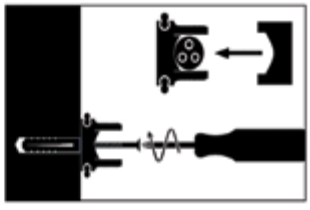
UM 24 CZ

Catalogue number	Model	Colour	Bundle diameter (mm)	Packing (pcs)
3521EP	UM 16	Grey	8-16	50
12162EP	UM 16 CZ	Black	8-16	50
3522EP	UM 24	Grey	17-24	50
12242EP	UM 24 CZ	Black	17-24	50











WIRE GRIP BAND FOR FLAT CABLE

Catalogue number	Type	Colour	Bore diameter (mm)	Width of the head	Packing (pcs)
500432	Wire grip band for flat cable 1	White	6-7	18	50
500434	Wire grip band for flat cable 2	White	6-7	12	50
500436	Wire grip band for flat cable 3	White	6-7	10	50

Wire grip band 1 is Suitable for flat cables with section- 2x1.0; 2x1.5mm^2
Wire grip band 2 is Suitable for flat cables with section- 2x2.5; 3x1.0
Wire grip band 3 is Suitable for flat cables with section- 2x4; 2x6; 3x1.5; 3x2.5mm^2



WIRE GRIP BAND FOR ROUND CABLE

Catalogue number	Type	Colour	Bore diameter (mm)	Width of the head	Packing (pcs)
500438	Wire grip band for round cable 4	White	6-7	6	50
500440	Wire grip band for round cable 5	White	6-7	8	50
500439	Wire grip band for round cable 6	White	6-7	10	50
500441	Wire grip band for round cable 7	White	6-7	14	50
500442	Wire grip band for round cable 8	White	8-9	20	50

Wire grip band 4 is Suitable for round cables with section- 2x1.0; 2x1.5; 3x1.0; 3x2.5mm^2; RG6
Wire grip band 5 is Suitable for round cables with section- 2x0.5; 2x0.75; UTP; FTP
Wire grip band 6 is Suitable for round cables with section- 2x2.5; 3x1.5; 4x1
Wire grip band 7 is Suitable for round cables with section- 3x6; 4x4; 5x2.5
Wire grip band 8 is Suitable for round cables with diameter D20mm

Scan each QR code to see product price and availability.



CABLE FIXING CLIPS

Support insulators are used in control and distribution cabinets mounting when bars isolation is required. Provides reliable insulation of live parts.

TECHNICAL SPECIFICATION

Rated voltage: 1000V
Insulating voltage: 5000 V
Ambient temperature : -40 to +65°C

Catalogue number	Type	Diameter (mm)	Packing (pcs)	Packing/ Box (pcs)
500004	CHR-4	4	100	500
500005	CHR-5	5	100	500
500006	CHR-6	6	100	300
500007	CHR-7	7	100	300
500008	CHR-8	8	100	250
500009	CHR-9	9	100	200
500010	CHR-10	10	100	200
500012	CHR-12	12	100	100
500014	CHR-14	14	100	50
500016	CHR-16	16	100	50



HAMMER DRIVEN FASTENER WITH PLASTIC PIN AND SHORT EXPANSION ZONE

Hammer driven fastener with plastic pin and short expansion zone is made from polyethylene, and the pin from glass fibre-reinforced polyamide which improves its strength. Fastener should be used to transfer loads of wind suction forces and applied as an additional mechanical fixing for the whole system, recommended for:
EPS polystyrene
XPS polystyrene

Catalogue number	Fastener diameter and length (mm)	Packing BOX
LTX10070	10x70	200
LTX10090	10x90	200
LTX10110	10x110	200
LTX10120	10x120	200
LTX10140	10x140	200
LTX10160	10x160	200
LTX10180	10x180	200
LTX10200	10x200	200
LTX10220	10x220	100
LTX10260	10x260	100

Scan each QR code to see product price and availability.



HAMMER DRIVEN FASTENER WITH PLASTIC PIN AND EXTENDED EXPANSION ZONE

Hammer driven fastener with plastic pin and extended expansion zone is made from polyethylene, and the pin from glass fibre-reinforced polyamide which improves its strength. Fastener should be used to transfer loads of wind suction forces and applied as an additional mechanical fixing for the whole system, recommended for:
EPS polystyrene
XPS polystyrene

Catalogue number	Fastener diameter and length (mm)	Packing BOX
LFN10300	10x300	100



HAMMER DRIVEN FASTENER WITH METAL PIN AND SHORT EXPANSION ZONE

Hammer driven fastener with metal pin and short expansion zone is made from polyethylene, and the pin from galvanized steel, with the head sealed in polyamide which reduce spot thermal conductivity of the fastener. Fastener should be used to transfer loads of wind suction forces and applied as an additional mechanical fixing for the whole system, recommended for:
EPS polystyrene
XPS polystyrene
mineral wool (with support washer TDX-90 and TDXP-140)
mineral wool lamella board (with support washer TDX-90 and TDXP-140)

Catalogue number	Fastener diameter and length (mm)	Packing BOX
LMX10070	10x70	200
LMX10090	10x90	200
LMX10110	10x110	200
LMX10120	10x120	200
LMX10140	10x140	200
LMX10160	10x160	200
LMX10180	10x180	200
LMX10200	10x200	200
LMX10220	10x220	100
LMX10260	10x260	100

Scan each QR code to see product price and availability.

SUPPORT WASHER



Support washers TDX-90/TDX-140 are made from glass fibre-reinforced polyamide. They should be used together with fasteners if mineral wool or mineral wool lamella board is applied as thermal insulation material. Increased surface of the support washer compensates for low strength of wool when drawn through fastener collar. Support washers complement fasteners for fastening of any type of soft mineral wool.

USAGE

- For fastening mineral wool
- For fastening lamella wool

Catalogue number	Plate diameter (mm)	Plug diameter (mm)	PCS in Box
TDX-90	90	8	100
TDXP-140	140	10	200

PLASTIC CUTTER FOR CUTTING HOLES IN POLYSTYRENE



Plastic cutter WK-FT for cutting holes in polystyrene insulation material for insertion of polystyrene disc KS/KSG in immersed mount of fasteners. The cutter has a flange collar to ensure a controlled cutting depth of 2cm. Installation of fasteners using cutter WK-FT and polystyrene discs (KS/KSG) minimizes spot thermal conductivity of fasteners and makes preparation of surface for final finishing of the façade much easier and faster.

USAGE

- For making holes for recessed installation - concealed in polystyrene foam

Catalogue number	Diameter (mm)	Max. cutting depth (mm)	PCS in Box
WK-FT	66.7	20	1

POLYSTYRENE DISC



Polystyrene discs KS/KSG for covering up work holes in polystyrene and protecting of fastener fixing thermal insulation material in immersed mount so as to minimize spot thermal conductivity of the fastener. This eliminates spots appearing on the wall with fastened thermal insulation material due to water vapour condensation.

FEATURES

- makes preparation of surface for facade finishing easier and faster
- allows for use of fasteners 20mm shorter compared to installation of fastener without polystyrene disc (so-called surface mount)
- eliminates thermal bridges

Catalogue number	Diameter (mm)	Thickness (mm)	Reaction to fire class	Colour	PCS in Box
KS	67	17	E	White	100
KSG	67	17	E	Graphite	100

Scan each QR code to see product price and availability.



CAULKING GUN

598170

TECHNICAL DATA
Type: Caulking gun
Material: Aluminum
Size: 225 mm



CAULKING GUN

598171

TECHNICAL DATA
Type: Caulking gun
Material: Plastic
Size: 225 mm



FOAM GUN

598173

TECHNICAL DATA
Type: Foam gun
Material: Aluminum body and Teflon coated basket adapter
Size: 225 mm



CAULKING GUN

598172

TECHNICAL DATA
- Handle: Aluminum
- Body: Powder coated
- Length: 375mm

Scan each QR code to see product price and availability.

SOLAR POWER SYSTEMS



ELMARK
The Brand of Electricity

N-TYPE TOPCON MONO-CRYSTALINE HALF CUT CELLS BIFACIAL SOLAR PANEL 430W, BLACK

FULL WARRANTY | 15 YEARS

PANEL LIFETIME | 30 YEARS

EFFICIENCY 22% ÷ 28%

N-Type TOPCon



Catalogue number:
98SOL430M

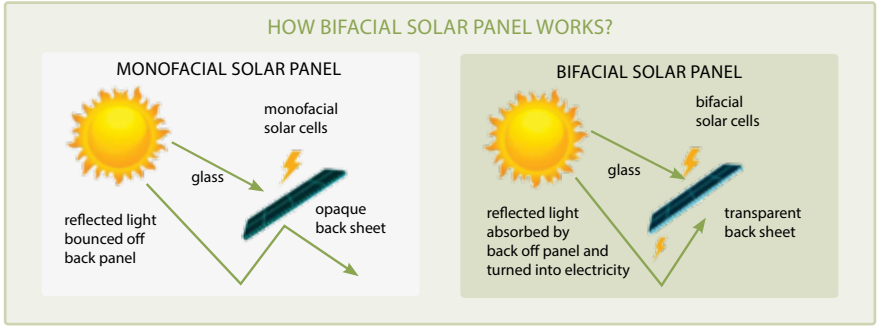
Half-cell high-efficiency solar panel is cutting cells one divides into two, it could reduce thermal resistance, improve output power 5-10W. It could meet 1500V whole system voltage design demand and reduce whole system cost 10%. In comparison to full solar cell modules, this one cells sub-fissure, power attenuation and sunshine occlusion is more lower and excellent high temperature character. It is the best choice for large ground power station projects.

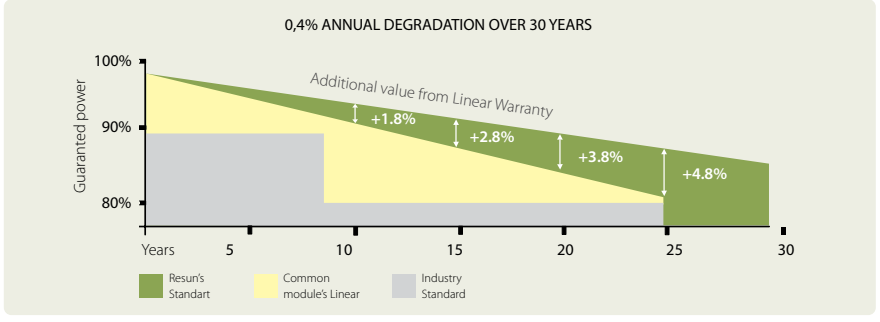
TOPCon (Tunnel Oxide Passivated Contact) solar cell technology has emerged as a promising innovation in the field of photovoltaics such as paving the way for a more efficient and sustainable energy future.
TOPCon cells employ a micro-nano tunnelling oxide layer, a carrier-selective microcrystalline silicon film, and cutting-edge passivation contact technology. This advanced structure provides a significant boost to cell conversion efficiency and power output. The unique tunnel oxide layer minimizes subsurface recombination, resulting in improved overall efficiency

Bifacial solar panels perform best when installed near highly reflective surfaces. Such as swimming pools glass, sandy, stoney or snowy areas. Although the front of the panel still absorbs the majority of the sunlight, some bifacial models are capable of increasing energy production by up to 30%. The exact amount of extra energy will depend on the environment surrounding the solar panels themselves.

FEATURES

- Higher efficiency: TOPCon cells convert more sunlight that P-type cells, which results in a higher cell and module efficiency.
- Lower degradation: TOPCon modules have a lower power degradation power during the 1st year and during the 30 years of PV panels use, compared to PERC panels.
- High temperatures resistance: TOPCon cells have a better resistance to high temperatures, which means the efficiency of TOPCon modules will be higher in hot climates compared to PERC modules.
- Low light performance: TOPcon modules have a higher efficiency in low light condition, which extends the electricity generation period during the day and improve the performance of the installation over time.





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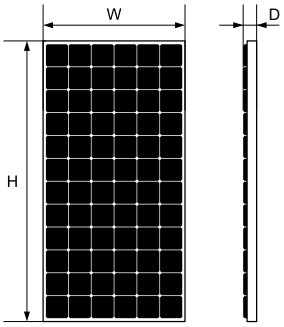


TECHNICAL DATA

- Peak power (Pmax): 430W
- Maximum supply voltage (Vmp): 32.27V
- Maximum power current (Imp): 13.33A
- Open circuit voltage (Voc): 38.4V
- Short-circuit current (Isc): 14.09A
- Module efficiency: from 22% up to 28%
- Annual degradation: ≤ 0.5%
- First year degradation: ≤ 0.5%
- Maximum system voltage (V): 1500 VDC
- Rated operating temperature of the module: 45±2°C
- BB (busbars): 10
- Cell type: Mono-crystalline
- Distribution box on the panel: IP68
- Connector: Compatible with MC4
- Frame material: aluminum hollow-chamber frame on each side anodized aluminum alloy- black
- Number of cells: 108 cells (6x9+6x9)
- Application class: A
- Maximum load: 5400 Pascal
- Maximum snow load: 5400 Pascal
- Maximum wind load: 2400 Pascal
- Dimensions HxWxD: 1722x1134x35mm
- Weight (kg): 21.6

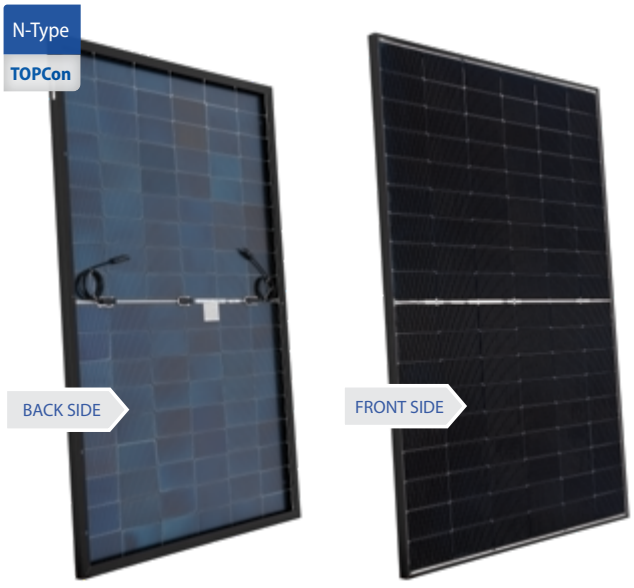
TEMPERATURE CHARACTERISTICS

- Nominal Module Operating Temperature (NMOT): 45°C±2°C
- Temp. Voc coefficient (TK Voc): -0,24% /°C
- Temp. Isc coefficient (TK Isc): 0,043% /°C
- Temp. Coefficient of Pmax (TK Pmax): -0,30%/°C
- Ambient temperature: -40°C+85°C

Note: the specifications are obtained under the standard test conditions (STCs): 1000 W/ m² solar radiation, 1,5 air mass and 25 ° C cell temperature.

CERTIFICATES

- CE
- DEKRA
- PID-FREE
- IEC61215/ 61730



This product meets all the technical requirements set by the European Union for the construction of solar systems.

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

N-TYPE TOPCON MONO-CRYSTALINE HALF CUT CELLS BIFACIAL SOLAR PANEL 580W, BLACK

FULL WARRANTY | 15 YEARS

PANEL LIFETIME | 30 YEARS

EFFICIENCY 22% ÷ 28%

N-Type TOPCon



Catalogue number:
98SOL580M

Half-cell high-efficiency solar panel is cutting cells one divides into two, it could reduce thermal resistance, improve output power 5-10W. It could meet 1500V whole system voltage design demand and reduce whole system cost 10%. In comparison to full solar cell modules, this one cells sub-fissure, power attenuation and sunshine occlusion is more lower and excellent high temperature character. It is the best choice for large ground power station projects.

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Bifacial solar panels perform best when installed near highly reflective surfaces. Such as swimming pools glass, sandy, stoney or snowy areas. Although the front of the panel still absorbs the majority of the sunlight, some bifacial models are capable of increasing energy production by up to 30%. The exact amount of extra energy will depend on the environment surrounding the solar panels themselves.

FEATURES

- Higher efficiency: TOPCon cells convert more sunlight that P-type cells, which results in a higher cell and module efficiency.
- Lower degradation: TOPCon modules have a lower power degradation power during the 1st year and during the 30 years of PV panels use, compared to PERC panels.
- High temperatures resistance: TOPCon cells have a better resistance to high temperatures, which means the efficiency of TOPCon modules will be higher in hot climates compared to PERC modules.
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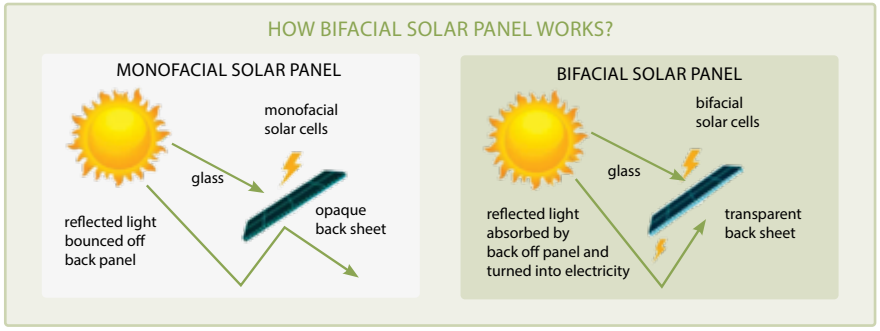

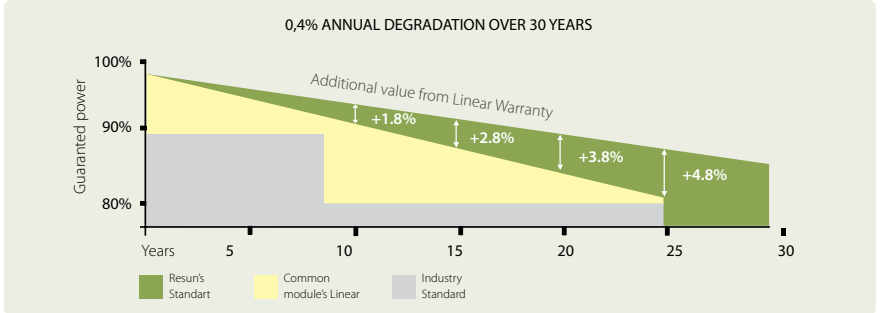

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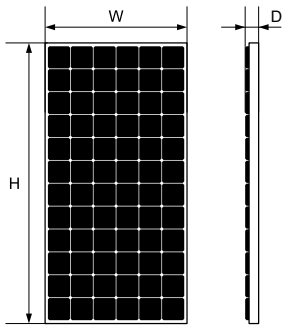


TECHNICAL DATA

- Peak power (Pmax): 580W
- Maximum supply voltage (Vmp): 42.52V
- Maximum power current (Imp): 13.64A
- Open circuit voltage (Voc): 50.9V
- Short-circuit current (Isc): 14.25A
- Module efficiency: from 22% up to 28%
- Annual degradation: ≤ 0.5%
- First year degradation: ≤ 0.5%
- Maximum system voltage (V): 1500 VDC
- Rated operating temperature of the module: 45±2°C
- BB (busbars): 16
- Cell type: Mono-crystalline
- Distribution box on the panel: IP68
- Connector: Compatible with MC4
- Frame material: aluminum hollow-chamber frame on each side anodized aluminum alloy- black
- Number of cells: 144 cells (6x12+6x12)
- Application class: A
- Maximum load: 5400 Pascal
- Maximum snow load: 5400 Pascal
- Maximum wind load: 2400 Pascal
- Dimensions HxWxD: 2278x1134x35mm
- Weight (kg): 27

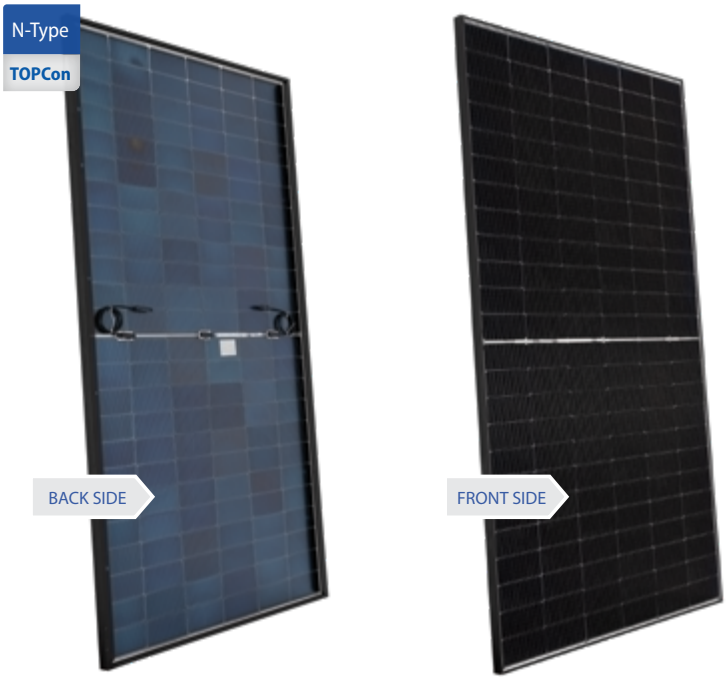
TEMPERATURE CHARACTERISTICS

- NomNominal Module Operating Temperature (NMOT): 45°C±2°C
- Temp. Voc coefficient (TK Voc): -0,24% /°C
- Temp. Isc coefficient (TK Isc): 0,043% /°C
- Temp. Coefficient of Pmax (TK Pmax): -0,30%/°C
- Ambient temperature: -40°C+85°C

Note: the specifications are obtained under the standard test conditions (STCs): 1000 W/ m² solar radiation, 1,5 air mass and 25 ° C cell temperature.

CERTIFICATES

- CE
- DEKRA
- PID-FREE
- IEC61215/ 61730



This product meets all the technical requirements set by the European Union for the construction of solar systems.

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

MOUNTING STRUCTURES

An important point in the construction of a photovoltage system is the way of installation of the solar panels. Usually it is carried out on the roof of the building, but it is also possible to be executed on the ground.
We offer ready-made solutions for flat and pitched roofs made of tiles, sheet iron, sandwich panels, bitumen and concrete.
For each of the options we offer ready-made sets, with the elements necessary for the installation of the amount of solar panels in the set of each system. They are all offered separately in the case of an individual approach or up to the construction of an existing assembly structure.



Mounting structures for pitched tiled roof



Mounting structures for pitched bituminous roof



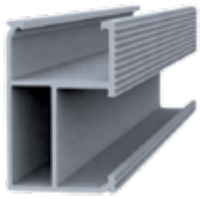
Mounting structure for pitched sheet iron roof



Triangular ballast mounting structures for flat roof or ground

10 YEARS WARRANTY

SOLAR POWER MOUNTING RAIL



Catalogue number:
423199

APPLICATION

Attached to the roof or the location designated for the installation of the PV modules, the role of the rails is to hold the rows of solar panels by means of brackets. The way of fixing the rails to the roof is determined depending on its type- tile, bitumen, sheet metal (tin), concrete, etc.

TECHNICAL DATA

Length: 2400 mm
Material: Aluminum 6005-T5

Universal element suitable for any type of roof or for a ground mounting structure.

Scan each QR code to see product price and availability.

CONNECTOR FOR RAIL



Catalogue number:
423201

APPLICATION

Provides a reliable connection when connecting two rails. The connection is carried out in the middle of bolts, two rails need one connector.

TECHNICAL DATA

Length: 140 mm
Material: Aluminum 6005-T5

Universal element suitable for any type of roof or for a ground mounting structure.

MID CLAMP FOR FRAMED PANEL



Catalogue number:
423202



Catalogue number:
423202/BL

APPLICATION

They serve to connect two panels mounted side by side. The clamp is placed between them and by using a screw tightens the frames of the PV modules to the mounting rail. It takes two clamps to connect two panels.

TECHNICAL DATA

For solar panels of a height: 30mm and 35mm
Suitable for frame panels
Material: Aluminum 6005-T5

Universal element suitable for any type of roof or for a ground mounting structure.



CLAMP FOR FRAMED PANEL



30mm
Catalogue number:
423203



35mm
Catalogue number:
423203-2



Catalogue number:
423203-2/BL

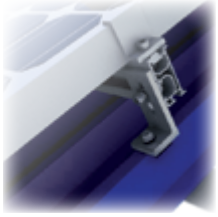
APPLICATION

They are used to connect the photovoltaic module to the mounting rail at the beginning and end of the solar line. One end of the clamp is placed in the rail and the other end on the panel frame and, by means of a bolt, the two elements are fastened to each other. Two clamps for framed panel are required for the installation of one panel.

TECHNICAL DATA

For solar panels of a height: 30mm and 35mm
Suitable for frame panels
Material: Aluminum 6005-T5

Universal element suitable for any type of roof or for a ground mounting structure.



These products meet all the technical requirements set by the European Union for the construction of solar systems.

35mm

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

TIN ROOF HOOK TYPES 1, 2, 13, 14

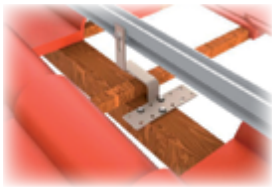
APPLICATION

They are used to attach the mounting rail to a tiled roof. Using screws, one end of the hook is fastened to the wooden structure located under the tile itself, and in the hole of the upper part with bolts is fastened the solar power mounting rail. Considering the individual features in the construction of each wooden structure and the orientation of the solar line, we offer 4 types of hooks, depending on the specific needs during installation.

TECHNICAL DATA

Material: Stainless Steel

The elements are only suitable for the construction of solar structures on tile roofs.



HOOK TYPE 1

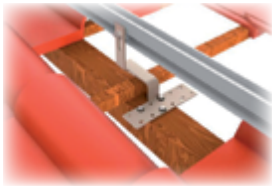


Catalogue number:
423204

HOOK TYPE 2



Catalogue number:
423205



HOOK TYPE 13



Catalogue number:
423206

HOOK TYPE 14



Catalogue number:
423207

TIN ROOF HOOKS

APPLICATION

They are used to attach the mounting rail to a sheet metal roof. Using screws, one end of the hook is fastened on the roof rib and the mounting rail of the solar panel is fastened in the hole at the top with bolts. We offer two types of hooks depending on the orientation of the solar line, in relation to the ribbing on the roof.

TECHNICAL DATA

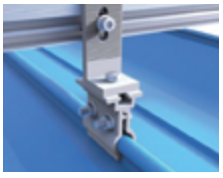
Material: Stainless Steel

The elements are only suitable for the construction of solar structures on sheet metal roofs.





Catalogue number:
423217





Catalogue number:
423219



Catalogue number:
423218





Catalogue number:
423220

Scan each QR code to see product price and availability.

L-FEET FOR TIN ROOF WITH FASTENERS



Catalogue number:
423216

APPLICATION

They are used to attach the mounting rail to a sheet metal roof. Using screws, the single end of the hook is fastened on the roof and the solar power mounting rail is fastened in the hole of the upper part with bolts.

TECHNICAL DATA

Material: Stainless Steel

The element is only suitable for the construction of solar structures on sheet metal roofs.



L-FEET WITH FASTENERS



Catalogue number:
423214

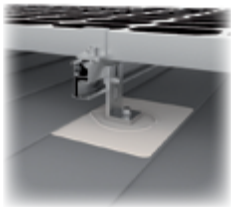
APPLICATION

It is used to attach the mounting rail to a bituminous roof. It is recommended that the installation of the hook is carried out in a set with a steel flashing plate to prevent water penetration. Attach the hook to the roof by screwing it through the hole of the flashing plate.

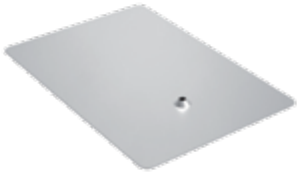
TECHNICAL DATA

Material: Stainless Steel

The element is only suitable for the construction of solar structures on a bituminous roof.



FLASHING PLATE 280X280



Catalogue number:
423215

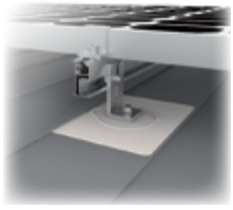
APPLICATION

It is used to attach the mounting rail to a bituminous roof. It is recommended that the installation of the hook is carried out in a set with a steel flashing plate to prevent water penetration. Attach the hook to the roof by screwing it through the hole of the flashing plate.

TECHNICAL DATA

Material: Stainless Steel

The element is only suitable for the construction of solar structures on a bituminous roof.



15° TRIANGULAR MOUNT



APPLICATION

They are used to provide the necessary inclination of the solar panels when mounting them on a flat roof or to adjust the angle of inclined roofs. They are mounted on the rails supporting the solar panels by a steel hook. They are usually installed on concrete foundations and can be further reinforced with ballast weights.

TECHNICAL DATA

Material: Aluminum 6005-T5

Catalogue number	Dimensions (mm)
423223	1300x1400
423223-2	1600x1700

These products meet all the technical requirements set by the European Union for the construction of solar systems.

10 YEARS WARRANTY

Scan each QR code to see product price and availability.

10 YEARS WARRANTY



30° TRIANGULAR MOUNT

APPLICATION

They are used to provide the necessary inclination of the solar panels when mounting them on a flat roof or to adjust the angle of inclined roofs. They are mounted on the rails supporting the solar panels by means of a steel hook. They are usually installed on concrete foundations and can be reinforced additionally with ballast weights.

TECHNICAL DATA

Dimensions:1300x1400mm/ 1600x1700mm
Material: Aluminum 6005-T5

Catalogue number	Dimensions (mm)
423227	1300x1400
423227-2	1600x1700



L-CONNECTOR FOR RAIL



Catalogue number:
423224

APPLICATION

The element is suitable for the construction of solar structures on straight and pitched roofs or for solar structures built on land.

TECHNICAL DATA

Material: Stainless Steel

ANGLE PLATE



Catalogue number:
423225

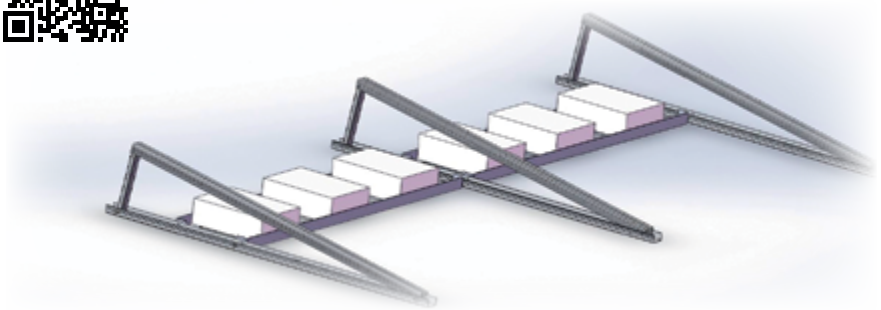
APPLICATION

They serve to further strengthen the triangular mounts with each other by placing concrete blocks (ballasts) between two hooks.

TECHNICAL DATA

Material: Stainless Steel

The element is only suitable for the construction of solar structures on a flat roof or ground.



These products meet all the technical requirements set by the European Union for the construction of solar systems.

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GROUNDING OF THE MOUNTING STRUCTURE

The grounding of the solar mounting structure is just as important and necessary as the grounding in your home. Grounded panels and mounting rails should provide the easiest path for lightning to reach the ground when needed, as well as to discharge naturally occurring static electricity. This is achieved by building a system of elements: Grounding clip, earth lug, conductor, earthing rail and pole and other accessories, depending on the individual approach for installation or features of the roof.

GROUNDING CLIP



Catalogue number:
423208

APPLICATION

It makes contact between the solar panels and the mounting rails. It is usually fixed between the PV modules and the rail by means of the mid clamp for framed panels. The bolt of the mid clamp passes through the hole of the grounding clip and during tightening it performs the role of an earthing wire, thus preventing possible damage to the solar panels during a storm.

TECHNICAL DATA

Material: Stainless Steel

Universal element suitable for any type of roof or for a ground mounting structure.

EARTH LUG



Catalogue number:
423209

APPLICATION

A basic element making a connection from the solar array to the ground, by means of a conductor. It is mounted at one end of the rail for mounting solar panels, thus protecting the entire row. A grounding conductor of aluminum or other material is connected to it to lead lightning or static electricity to the earthing rail.

TECHNICAL DATA

Material: Aluminum

Universal element suitable for any type of roof or for a ground mounting structure.

These products meet all the technical requirements set by the European Union for the construction of solar systems.

10 YEARS WARRANTY

Scan each QR code to see product price and availability.

10 YEARS WARRANTY

ELMARK
The Brand of Electricity

CABLE CLIPS (CLAMPS) TYPE 1, 2, 8 AND 9

APPLICATION
They are important in the installation and maintenance of the wiring system. They are an integral part of its „management" by being used to group cables into bundles, determine the direction and place of their fixing, so that the system built can look not only visually well, but also reliably protected.
Our cable clips for solar systems are designed for different number and cross-section of wires with up to 90 degree deviation.

TECHNICAL DATA
Material: Stainless Steel

Universal elements suitable for any type of roof or for a ground mounting structure.

CABLE CLIP TYPE 1 - 2x4/6mm²



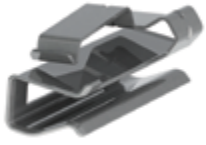
Catalogue number:
423210

CABLE CLIP TYPE 2 - 4x90°4/6mm²/ 3x90°10mm²



Catalogue number:
423211

CABLE CLIP TYPE 8 -2x90°4/6mm²



Catalogue number:
423212

CABLE CLIP TYPE 9 - 2x90°4/6mm²

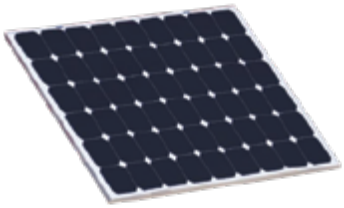


Catalogue number:
423213

These products meet all the technical requirements set by the European Union for the construction of solar systems.

Scan each QR code to see product price and availability.

BALCONY/ HANDRAIL MOUNTING STRUCTURE, SET



The balcony solar mounting system is a product that is installed on balcony railings and allows for the easy construction of small home PV plants on balconies. Installation and removal are very simple and quick; the installation can be completed by 1-2 people. The system is bolted and fixed, so there is no need for welding or drilling during installation.
With a maximum tilt angle of 30°, the panels' tilt angle can be flexibly adjusted according to the installation site to achieve the best power generation efficiency. Optimized structural design and material selection ensure the system's strength and stability in a variety of climatic environments.

TECHNICAL DATA

- Material: Aluminum and stainless steel
- Panel type: Framed with width till 35mm
- Wind load resistance: Up to 50m/s (180km/h)
- Snow load resistance: Up to 1.4KN/m^2
- Panel mounting direction: Landscape

Catalogue number:
423245

**Note: Mounting structure included all elements, required for the installation of one solar panel.*









10 YEARS WARRANTY

10 YEARS WARRANTY

ELMARK
The Brand of Electricity

MOUNTING STRUCTURES FOR PITCHED TILE ROOF, SETS

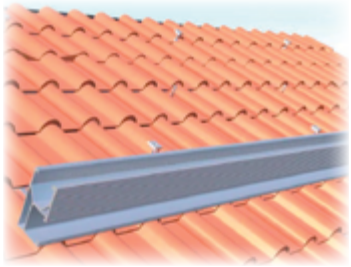
In the following lines you will find the configuration of different sets of mounting structures for different types of roof structures with capacities from 3 to 30kW. The sets are equipped with all the basic elements, with exemplary quantities sufficient for the complete construction of the photovoltage system.

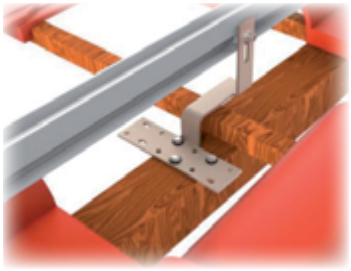
The quantities of elements are intended for construction of systems with solar panels with catalogue number:

- 98SOL430M, with a power of 430W and dimensions 1722x1134x35mm;
- 98SOL580M, with a power of 580W and dimensions 2278x1134x35mm.

**Please note that the quantities of the elements may differ from those indicated, depending on the individuality of each project.*







MOUNTING STRUCTURES FOR PITCHED TILE ROOF FROM 3 TO 30KW FOR PANELS 430W

Description of the items included in the set	Catalogue number	at 3kW	at 3.6 kW	at 5 kW	at 6 kW	at 8 kW	at 10 kW	at 15 kW	at 20 kW	at 30 kW
Rail - 2400mm	423199	7	9	12	14	19	24	35	47	70
Connector - 140mm	423201	4	6	8	10	13	16	22	26	34
Mid clamp for framed panel	423202/BL	10	14	18	20	30	36	56	74	120
End clamp for framed panel 35mm	423203-2/BL	8	8	12	16	20	24	28	32	40
Tile roof hook	423204	14	18	24	28	38	48	70	94	140
Grounding clip	423208	10	14	18	20	30	36	56	74	120
Earth lug	423209	8	8	12	16	20	24	28	32	40

MOUNTING STRUCTURES FOR PITCHED TILE ROOF FROM 3 TO 30KW FOR PANELS 580W

Description of the items included in the set	Catalogue number	at 3kW	at 3.6 kW	at 5 kW	at 6 kW	at 8 kW	at 10 kW	at 15 kW	at 20 kW	at 30 kW
Rail - 2400mm	423199	6	7	9	11	14	18	26	35	52
Connector - 140mm	423201	4	4	6	6	10	12	18	22	30
Mid clamp for framed panel	423202/BL	8	10	14	16	20	30	42	56	82
End clamp for framed panel 35mm	423203-2/BL	8	8	8	12	16	20	26	28	42
Tile roof hook	423204	12	14	18	22	28	36	52	70	104
Grounding clip	423208	8	10	14	16	20	30	42	56	82
Earth lug	423209	8	8	8	12	16	20	26	28	42

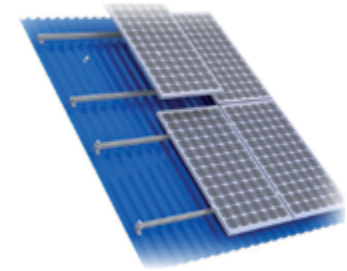
CATALOGUE NUMBERS OF THE SETS

Solar system (kW)	Catalogue number for panel 430W	Catalogue number for panel 580W
3	4234303P/TR	4235803P/TR
3.6	42343036P/TR	42358036P/TR
5	4234305P/TR	4235805P/TR
6	4234306P/TR	4235806P/TR
8	4234308P/TR	4235808P/TR
10	42343010P/TR	42358010P/TR
15	42343015P/TR	42358015P/TR
20	42343020P/TR	42358020P/TR
30	42343030P/TR	42358030P/TR

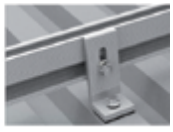
These products meet all the technical requirements set by the European Union for the construction of solar systems.

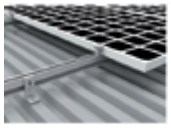
Scan each QR code to see product price and availability.

MOUNTING STRUCTURES FOR PITCHED SHEET METAL ROOF, SETS

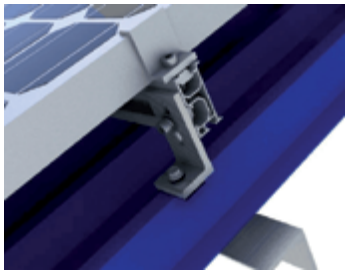












MOUNTING STRUCTURES FOR PITCHED SHEET METAL ROOF FROM 3 TO 30KW FOR PANELS 430W

Description of the items included in the set	Catalogue number	at 3kW	at 3.6 kW	at 5 kW	at 6 kW	at 8 kW	at 10 kW	at 15 kW	at 20 kW	at 30 kW
Rail - 2400mm	423199	7	9	12	14	19	24	35	47	70
Connector - 140mm	423201	4	6	8	10	13	16	22	26	34
Mid clamp for framed panel	423202/BL	10	14	18	20	30	36	56	74	120
End clamp for framed panel 35mm	423203-2/BL	8	8	12	16	20	24	28	32	40
L-feet with fasteners for sheet metal roof	423216	14	18	24	28	38	48	70	94	140
Grounding clip	423208	10	14	18	20	30	36	56	74	120
Earth lug	423209	8	8	12	16	20	24	28	32	40

MOUNTING STRUCTURES FOR PITCHED SHEET METAL ROOF FROM 3 TO 30KW FOR PANELS 580W

Description of the items included in the set	Catalogue number	at 3kW	at 3.6 kW	at 5 kW	at 6 kW	at 8 kW	at 10 kW	at 15 kW	at 20 kW	at 30 kW
Rail - 2400mm	423199	6	7	9	11	14	18	26	35	52
Connector - 140mm	423201	4	4	6	6	10	12	18	22	30
Mid clamp for framed panel	423202/BL	8	10	14	16	20	30	42	56	82
End clamp for framed panel 35mm	423203-2/BL	8	8	8	12	16	20	26	28	42
L-feet with fasteners for sheet metal roof	423216	12	14	18	22	28	36	52	70	104
Grounding clip	423208	8	10	14	16	20	30	42	56	82
Earth lug	423209	8	8	8	12	16	20	26	28	42

CATALOGUE NUMBERS OF THE SETS

Solar system (kW)	Catalogue number for panel 430W	Catalogue number for panel 580W
3	4234303P/DR	4235803P/DR
3.6	42343036P/DR	42358036P/DR
5	4234305P/DR	4235805P/DR
6	4234306P/DR	4235806P/DR
8	4234308P/DR	4235808P/DR
10	42343010P/DR	42358010P/DR
15	42343015P/DR	42358015P/DR
20	42343020P/DR	42358020P/DR
30	42343030P/DR	42358030P/DR

These products meet all the technical requirements set by the European Union for the construction of solar systems.

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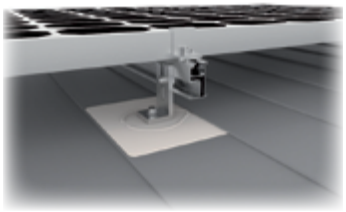
MOUNTING STRUCTURES FOR PITCHED BITUMINOUS ROOF, SETS







MOUNTING STRUCTURES FOR PITCHED BITUMINOUS ROOF FROM 3 TO 30KW FOR PANELS 430W

Description of the items included in the set	Catalogue number	at 3kW	at 3.6 kW	at 5 kW	at 6 kW	at 8 kW	at 10 kW	at 15 kW	at 20 kW	at 30 kW
Rail - 2400mm	423199	7	9	12	14	19	24	35	47	70
Connector - 140mm	423201	4	6	8	10	13	16	22	26	34
Mid clamp for framed panel	423202/BL	10	14	18	20	30	36	56	74	120
End clamp for framed panel 35mm	423203-2/BL	8	8	12	16	20	24	28	32	40
Bituminous roofing hook	423214	14	18	24	28	38	48	70	94	140
Flashing plate 280x280	423215	14	18	24	28	38	48	70	94	140
Grounding clip	423208	10	14	18	20	30	36	56	74	120
Earth lug	423209	8	8	12	16	20	24	28	32	40

MOUNTING STRUCTURES FOR PITCHED BITUMINOUS ROOF FROM 3 TO 30KW FOR PANELS 580W

Description of the items included in the set	Catalogue number	at 3kW	at 3.6 kW	at 5 kW	at 6 kW	at 8 kW	at 10 kW	at 15 kW	at 20 kW	at 30 kW
Rail - 2400mm	423199	6	7	9	11	14	18	26	35	52
Connector - 140mm	423201	4	4	6	6	10	12	18	22	30
Mid clamp for framed panel	423202/BL	8	10	14	16	20	30	42	56	82
End clamp for framed panel 35mm	423203-2/BL	8	8	8	12	16	20	26	28	42
Bituminous roofing hook	423214	12	14	18	22	28	36	52	70	104
Flashing plate 280x280	423215	12	14	18	22	28	36	52	70	104
Grounding clip	423208	8	10	14	16	20	30	42	56	82
Earth lug	423209	8	8	8	12	16	20	26	28	42

CATALOGUE NUMBERS OF THE SETS

Solar system (kW)	Catalogue number for panel 430W	Catalogue number for panel 580W
3	4234303P/SR	4235803P/SR
3.6	42343036P/SR	42358036P/SR
5	4234305P/SR	4235805P/SR
6	4234306P/SR	4235806P/SR
8	4234308P/SR	4235808P/SR
10	42343010P/SR	42358010P/SR
15	42343015P/SR	42358015P/SR
20	42343020P/SR	42358020P/SR
30	42343030P/SR	42358030P/SR

10 YEARS WARRANTY

These products meet all the technical requirements set by the European Union for the construction of solar systems.

Scan each QR code to see product price and availability.

MOUNTING STRUCTURES FOR FLAT ROOF OR GROUND, SETS



30-40° TRIANGULAR MOUNTING STRUCTURES FOR ROOF, WALL OR GROUND FROM 3 TO 30KW FOR PANELS 430W

Description of the items included in the set	Catalogue number	at 3kW	at 3.6 kW	at 5 kW	at 6 kW	at 8 kW	at 10 kW	at 15 kW	at 20 kW	at 30 kW
Mounting triangle 30-40°	423241	14	18	24	28	38	48	70	94	140
Anchor 6x70 mm	423244	28	36	48	56	76	96	140	188	280
Grounding clip SS304	423242	28	36	48	56	76	96	140	188	280
Earth lug EL-EL02	423243	7	9	12	14	19	24	35	47	70



*This construction is suitable for solar panels with width from 1134mm and for places where the speed of the wind does not exceed 30m/s (108km/h).
Panel mounting direction: Landscape



30-40° TRIANGULAR MOUNTING STRUCTURES FOR ROOF, WALL OR GROUND FROM 3 TO 30KW FOR PANELS 580W

Description of the items included in the set	Catalogue number	at 3kW	at 3.6 kW	at 5 kW	at 6 kW	at 8 kW	at 10 kW	at 15 kW	at 20 kW	at 30 kW
Mounting triangle 30-40°	423241	12	14	18	22	28	36	52	70	104
Anchor 6x70mm	423244	24	28	36	44	56	72	104	140	208
Grounding clip SS304	423242	24	28	36	44	56	72	104	140	208
Earth lug EL-EL02	423243	6	7	9	11	14	18	26	35	52



*This construction is suitable for solar panels with width from 1134mm and for places where the speed of the wind does not exceed 30m/s (108km/h)/.
Panel mounting direction: Landscape

CATALOGUE NUMBERS OF THE SETS

Solar system (kW)	Catalogue number for panel 430W	Catalogue number for panel 580W
3	4234303BX/TR	4235803BX/TR
3.6	42343036BX/TR	42358036BX/TR
5	4234305BX/TR	4235805BX/TR
6	4234306BX/TR	4235806BX/TR
8	4234308BX/TR	4235808BX/TR
10	42343010BX/TR	42358010BX/TR
15	42343015BX/TR	42358015BX/TR
20	42343020BX/TR	42358020BX/TR
30	42343030BX/TR	42358030BX/TR

These products meet all the technical requirements set by the European Union for the construction of solar systems.

Scan each QR code to see product price and availability.

MOUNTING STRUCTURES FOR FLAT ROOF OR GROUND, SETS



30° TRIANGULAR BALLAST MOUNTING STRUCTURES FOR FLAT ROOF OR GROUND FROM 3KW TO 30KW FOR PANELS 430W

Description of the items included in the set	Catalogue number	at 3kW	at 3.6 kW	at 5 kW	at 6 kW	at 8 kW	at 10 kW	at 15 kW	at 20 kW	at 30 kW
Rail - 2400mm	423199	7	9	12	14	19	24	35	47	70
Connector - 140mm	423201	4	6	8	10	13	16	22	26	34
Mid clamp for framed panel	423202/BL	10	14	18	20	30	36	56	74	120
End clamp for framed panel 35mm	423203-2/BL	8	8	12	16	20	24	28	32	40
30° Triangular mount	423227	9	11	14	17	23	29	42	56	85
L-Connector	423224	18	22	28	34	46	58	84	112	170
Angle Plate	423225	14	18	20	23	30	38	56	74	112
Grounding clip	423208	10	14	18	20	30	36	56	74	120
Earth lug	423209	8	8	12	16	20	24	28	32	40

30° TRIANGULAR BALLAST MOUNTING STRUCTURES FOR FLAT ROOF OR GROUND FROM 3KW TO 30KW FOR PANELS 580W

Description of the items included in the set	Catalogue number	at 3kW	at 3.6 kW	at 5 kW	at 6 kW	at 8 kW	at 10 kW	at 15 kW	at 20 kW	at 30 kW
Rail - 2400mm	423199	6	7	9	11	14	18	26	35	52
Connector - 140mm	423201	4	4	6	6	10	12	18	22	30
Mid clamp for framed panel	423202/BL	8	10	14	16	20	30	42	56	82
End clamp for framed panel 35mm	423203-2/BL	8	8	8	12	16	20	26	28	42
30° Triangular mount	423227	9	10	14	14	23	38	41	56	82
L-Connector	423224	18	20	28	28	46	76	82	112	164
Angle Plate	423225	14	16	20	20	30	62	66	74	130
Grounding clip	423208	8	10	14	16	20	30	42	56	82
Earth lug	423209	8	8	8	12	16	20	26	28	42

CATALOGUE NUMBERS OF THE SETS

Solar system (kW)	Catalogue number for panel 430W	Catalogue number for panel 580W
3	4234303F/BTR	4235803F/BTR
3.6	42343036F/BTR	42358036F/BTR
5	4234305F/BTR	4235805F/BTR
6	4234306F/BTR	4235806F/BTR
8	4234308F/BTR	4235808F/BTR
10	42343010F/BTR	42358010F/BTR
15	42343015F/BTR	42358015F/BTR
20	42343020F/BTR	42358020F/BTR
30	42343030F/BTR	42358030F/BTR

These products meet all the technical requirements set by the European Union for the construction of solar systems.

10 YEARS WARRANTY

Scan each QR code to see product price and availability.

FLAT ROOF SIMPLE BALLAST MOUNTING SYSTEM 10°, SET



This is suitable for a variety of solar panel sizes, and the panel is installed horizontally, with angle of 10 degrees. The system has simple structure, good stability, and easy installation.
It is a modular structure, witch can be expanded from one module to any scale while maximizing the roof usage.

10° MOUNTING STRUCTURE FOR FLAT ROOF FROM 3 TO 30KW FOR PANEL 430W

Description of the items included in the set	Catalogue number	at 3kW	at 3.6 kW	at 5 kW	at 6 kW	at 8 kW	at 10 kW	at 15 kW	at 20 kW	at 30 kW
Rail - 1360mm	423263	14	18	24	28	38	48	70	94	140
Rail - 900mm	423264	14	18	24	28	38	48	70	94	140
Rail connector - 200mm	423265	28	36	48	56	76	96	140	188	280
Front support leg	423261	14	18	24	28	38	48	70	94	140
Rear support leg	423262	14	18	24	28	38	48	70	94	140
End clamp for framed panel 35mm	423203-4/BL	28	36	48	56	76	96	140	188	280
Grounding clip	423242-2	28	36	48	56	76	96	140	188	280
Earth lug	423243	7	9	12	14	19	24	35	47	70

**Ballast is not included.*

10° MOUNTING STRUCTURE FOR FLAT ROOF FROM 3 TO 30KW FOR PANEL 580W

Description of the items included in the set	Catalogue number	at 3kW	at 3.6 kW	at 5 kW	at 6 kW	at 8 kW	at 10 kW	at 15 kW	at 20 kW	at 30 kW
Rail - 1360mm	423263	12	14	18	22	28	36	52	70	104
Rail - 900mm	423264	12	14	18	22	28	36	52	70	104
Rail connector - 200mm	423265	24	28	36	44	56	72	104	140	208
Front support leg	423261	12	14	18	22	28	36	52	70	104
Rear support leg	423262	12	14	18	22	28	36	52	70	104
End clamp for framed panel 35mm	423203-4/BL	24	28	36	44	56	72	104	140	208
Grounding clip	423242-2	24	28	36	44	56	72	104	140	208
Earth lug	423243	6	7	9	11	14	18	26	35	52

**Ballast is not included.*

CATALOGUE NUMBERS OF THE SETS

Solar system (kW)	Catalogue number for panel 430W	Catalogue number for panel 580W
3	4234303FR/TR	4235803FR/TR
3.6	42343036FR/TR	42358036FR/TR
5	4234305FR/TR	4235805FR/TR
6	4234306FR/TR	4235806FR/TR
8	4234308FR/TR	4235808FR/TR
10	42343010FR/TR	42358010FR/TR
15	42343015FR/TR	42358015FR/TR
20	42343020FR/TR	42358020FR/TR
30	42343030FR/TR	42358030FR/TR

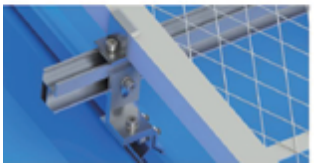
These products meet all the technical requirements set by the European Union for the construction of solar systems.

10 YEARS WARRANTY

Scan each QR code to see product price and availability.

WALKWAY WITH MOUNTING ACCESSORIES, SET





Catalogue number:

423250

WALKWAY WITH MOUNTING ACCESSORIES, SET

Walkway system is a good solution in case of ice, snow, grease, oil and detergent in wet or other risks in the areas for walking. Walk plate are usually used to homework, industrial workshop floor, narrow channel, terrace, warehouses, sidewalk, stairs, between the solar massive in solar systems and etc.

TECHNICAL DATA OF WALKWAY PLATE

- Material: Galvanized carbon steel
- Dimensions: 2000x400x38 mm

SET INCLUDED

- Rails 500mm: 4 pcs
- Walkway: 1 pc
- End clamps: 8 pcs

FEATURES

- Light structure with high bearing capacity and easy installation
- Beautiful appearance, galvanized processing ensures the strong corrosion resistance
- Good function of anti-skid, ventilation, avoid accumulation of dirt.

* Fasteners for fixing walkway rails to mounting ground are not included

10 YEARS WARRANTY





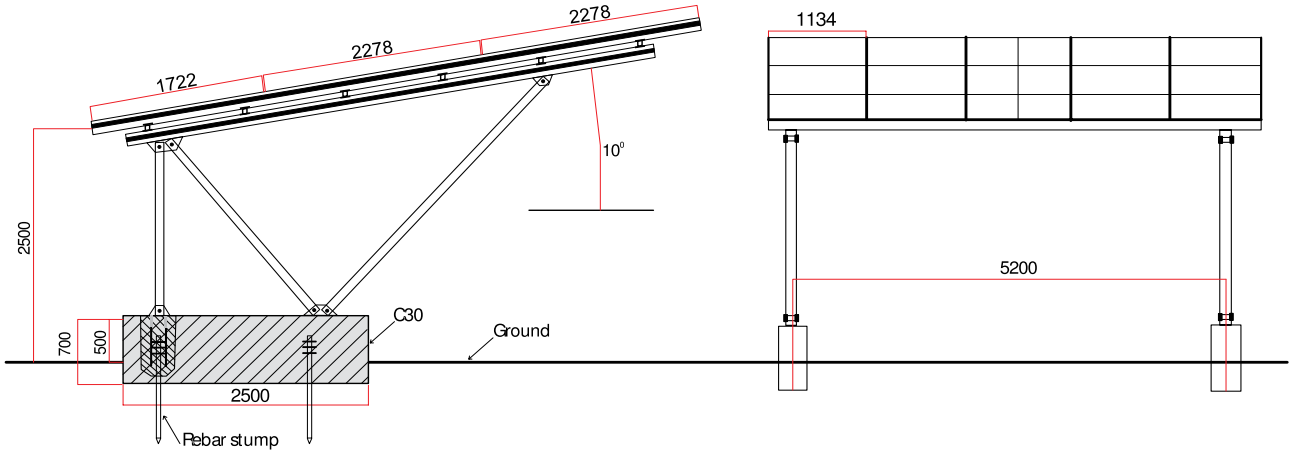
CARPORT FOR SOLAR PANELS, SET

The carport is suitable for installation of solar panels with power up to 8kW (15 pcs.) ELMARK panels with power 430W and 580W). The size of the structure is suitable for parking two cars, with a high of 2.5 m at its lowest point. The length of the structure is 6m and the width is 5.2m. It is a suitable option for home construction or for combining multiple cells, when creating larger parking lots or systems with higher capacities.

This system is also extremely suitable for combining with a 7kW single-phase charging station for electric vehicles. For the construction of a three-phase charging station with a power of 22kW, ELMARK recommends the use of 4 mounting structures and a 30kW solar system.

Catalogue number:
423278/CP

These products meet all the technical requirements set by the European Union for the construction of solar systems.







ON-GRID SOLAR INVERTERS



ELMARK
The Brand of Electricity

GRID CONNECTED (ON-GRID) SOLAR INVERTERS WITH POWERS FROM 3kW TO 110KW

These are the most common type of inverters, also known as strings, ON-GRIDs or grid connected. Their work requires power from the power grid. These inverters cannot operate with a battery serving as energy storage or as a UPS.

CERTIFICATION

- INTERTEK/ VDE/ EN/ CE



intertek

Certificate of Conformity

Certificate Number: CN-PV-230561

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

Applicant:	Elmark Industries SC 2 Dobrudzha blvd. , 9300, Dobrich, Bulgaria
Product:	Grid-connected PV inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	ELM1PON3000, ELM1PON3600-1, ELM1PON3600, ELM1PON4000, ELM1PON5000, ELM1PON6000, ELM1PON7000, ELM1PON8000
Brand Name<s>:	ELMARK
Product Complies with:	EN 50549-1:2019 Requirements for the connection of generation equipment in parallel with public distribution networks.
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012
Test Report No.<s>:	2308A0286SHA-001

Additional information in Appendix.

Signature

Certification Manager: Qiao Qiao
Date: 28 September 2023

ACCREDIA

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Intertek Page 1 of 3 SFT-PV-OP-23a (28-December-2021)



intertek

Certificate of Conformity

Certificate Number: CN-PV-230560

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

Applicant:	Elmark Industries SC 2 Dobrudzha blvd. , 9300, Dobrich, Bulgaria
Product:	PV Grid interactive inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	ELM3PON030K, ELM3PON036K, ELM3PON040K, ELM3PON050K, ELM3PON060K
Brand Name<s>:	ELMARK
Product Complies with:	EN 50549-1:2019 Requirements for the connection of generation equipment in parallel with public distribution networks.
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012
Test Report No.<s>:	2308A0285SHA-001

Additional information in Appendix.

Signature

Certification Manager: Qiao Qiao
Date: 28 September 2023

Intertek Page 1 of 2



intertek

Certificate of Conformity

Certificate Number: CN-PV-230559

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

Applicant:	Elmark Industries SC 2 Dobrudzha blvd. , 9300, Dobrich, Bulgaria
Product:	Grid-connected PV inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	ELM3PON003K, ELM3PON004K, ELM3PON005K, ELM3PON006K, ELM3PON008K, ELM3PON010K, ELM3PON012K, ELM3PON013K, ELM3PON015K, ELM3PON017K, ELM3PON020K, ELM3PON025K
Brand Name<s>:	ELMARK
Product Complies with:	EN 50549-1:2019 Requirements for the connection of generation equipment in parallel with public distribution networks.
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012
Test Report No.<s>:	2308A0284SHA-001

Additional information in Appendix.

Signature

Certification Manager: Qiao Qiao
Date: 28 September 2023

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Intertek Page 1 of 4 SFT-PV-OP-23a (28-December-2021)

*** The full range of available certificates can be found on www.elmarkholding.eu**

Scan each QR code to see product price and availability.

ON-GRID

SINGLE-PHASE (ON-GRID) SOLAR INVERTERS ELMARK 3KW, 5KW, 8KW AND 10KW

The ELMARK ELM1PON Series Single-phase inverters are designed for residential PV system applications. All models have uni body housings with aluminum structure which is anodized, increasing durability and effectively prevents corrosion. Equipped with external inductors, the uni body housings can ensure efficient heat dissipation, which significantly improves the reliability and extends the life of the inverters.

The inverter menu is activated by sensor touch buttons. Communication implements are via the Wi-Fi module.

Check the system status anytime and anywhere via online portal or smart HOME APP.



ELM1PON3000
ELM1PON5000
ELM1PON8000
ELM1PON10000

ADVANTAGES

- Anti-flow: Ant-feed function
- PV oversize: Max. 1.5 time PV oversize capacity
- Multiple intelligent protection
- Smart IV curve scanning
- Wi-Fi Standard Ethernet
- Configuration: Quick and easy configuration via Wi-FI
- PV Reverse polarity protection
- PV Insulation resistance detection
- AC short circuit protection
- AC over current protection
- AC over voltage protection
- Anti-islanding protection
- Residual current detection
- Over temperature protection
- Integrated DC switch
- Surge protection type III
- Smart IV curve scanning
- Active and reactive power compensation, adjust power factor
- High-quality power output and low THDI

TECHNICAL DATA

- Number of poles: 1/N/PE
- Rated power: 3KW / 5KW / 8KW / 10KW
- Maximum power of solar panels: 4500W / 7000W / 11200W / 14000W
- MPPT operating voltage range: 70-550V DC
- Maximum input voltage: 600VDC
- Number of independent outputs (MPP Trackers)/Strings on each output: 2/2; 2/2; 2/3; 2/4
- EU performance: > 98,2% / 98,2% / 98,2% / 98,4%
- Display: LCD
- Modbus: RS485
- IP code: IP65
- Altitude: up to 4000m
- Ambient temperature: from -25 to 60°C
- Relative humidity: from 0 to 100%
- Weight: 11kg / 11kg / 17kg / 19kg

CERTIFICATION

- INTERTEK/ VDE/ EN/ CE

See the full range of certificates on www.elmarkholding.eu

Catalogue number	Type	Number of poles	Rated power (W)	Maximum power of solar panels (W)	Dimensions WxHxD (mm)
423006	ELM1PON3000	1/N/PE	3000	4500	370x350x142
423004	ELM1PON5000	1/N/PE	5000	7000	370x350x142
423007	ELM1PON8000	1/N/PE	8000	11200	510x370x167
423005	ELM1PON10000	1/N/PE	10000	14000	510x370x167

SMART APPLICATIONS FOR MANAGEMENT AND MONITORING

Business

A New Generation of SOLARMAN Solar Monitoring and Management Platform for Device Manufacturers, PV Professionals

Smart

A New Generation of SOLARMAN SOLARMAN Smart is a brand new smart energy management application, which is specially designed for global household owner users.

- After building the solar system, we recommend updating the inverter with the latest software to ensure correct operation and monitoring of the system.
- Detailed steps for preparing the update are described in User manual.
- For further technical questions, you can contact us by email: ic-products@elmarkholding.eu

These products meet all the technical requirements set by the European Union for the construction of solar systems.

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

ON-GRID



ELM3PON006K
ELM3PON010K
ELM3PON015K
ELM3PON020K

THREE-PHASE (ON-GRID) SOLAR INVERTERS ELMARK 6KW, 10KW, 15KW AND 20KW

The ELMARK ELM3PON series three-phase string inverters are designed for commercial and power plant PV system applications,. All models have uni body housings with aluminum structure which is anodized, increasing durability and effectively prevents corrosion. Equipped with external inductors, the uni body housings can ensure efficient heat dissipation, which significantly improves the reliability and extends the life of the inverters.

The inverter menu is activated by sensor touch buttons. Communication implements are via the Wi-Fi module. Check the system status anytime and anywhere via online portal or smart HOME APP.

ADVANTAGES

- Anti-flow: Ant-feed function
- PV oversize: Max. 1.5 time PV oversize capacity
- Multiple intelligent protection
- Smart IV curve scanning
- Wi-Fi Standard Ethernet
- Configuration: Quick and easy configuration via Wi-FI
- PV Reverse polarity protection
- PV Insulation resistance detection
- AC short circuit protection
- AC over current protection
- AC over voltage protection
- Anti-islanding protection
- Residual current detection
- Over temperature protection
- Integrated DC switch
- Surge protection type III
- Smart IV curve scanning
- Active and reactive power compensation, adjust power factor
- High-quality power output and low THDI

TECHNICAL DATA

- Number of poles: 3P/N/PE
- Rated power: 6KW / 10KW / 15KW / 20KW
- Maximum power of solar panels: 9000W / 15000W / 22500W / 30000W
- MPPT operating voltage range: 150-1000V DC
- Maximum input voltage: 1100VDC and 1000V DC for 30kW
- Number of independent outputs (MPP Trackers)/Strings on each output: 2/2; 2/2; 2/3; 2/4
- EU performance: > 98,3% / 98,7% / 98,7% / 98,75%
- Display: LCD
- Modbus: RS485
- IP code: IP65
- Altitude: up to 4000m
- Ambient temperature: from -25 to 60°C
- Relative humidity: from 0 to 100%
- Weight: 16kg / 15kg / 17kg / 19kg

CERTIFICATION

- INTERTEK/ VDE/ EN/ CE

See the full range of certificates on www.elmarkholding.eu

Catalogue number	Type	Number of poles	Rated power (W)	Maximum power of solar panels (W)	Dimensions WxHxD (mm)
423008	ELM3PON006K	3P/N/PE	6000	9000	510x370x192
423030	ELM3PON010K	3P/N/PE	10000	15000	510x370x192
423031	ELM3PON015K	3P/N/PE	15000	22500	510x370x192
423032	ELM3PON020K	3P/N/PE	20000	30000	535x370x192

SMART APPLICATIONS FOR MANAGEMENT AND MONITORING

Business

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- For further technical questions, you can contact us by email: ic-products@elmarkholding.eu

7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

These products meet all the technical requirements set by the European Union for the construction of solar systems.

Scan each QR code to see product price and availability.

ON-GRID

THREE-PHASE (ON-GRID) SOLAR INVERTERS ELMARK 30KW, 40KW, 50KW AND 60KW

The ELMARK ELM3PON series three-phase string inverters are designed for commercial and power plant PV system applications,. All models have uni body housings with aluminum structure which is anodized, increasing durability and effectively prevents corrosion. Equipped with external inductors, the uni body housings can ensure efficient heat dissipation, which significantly improves the reliability and extends the life of the inverters. The inverter menu is activated by sensor touch buttons. Communication implements are via the Wi-Fi module.

Check the system status anytime and anywhere via online portal or smart HOME APP.



ELM3PON030K
ELM3PON040K
ELM3PON050K
ELM3PON060K

ADVANTAGES

- Anti-flow: Ant-feed function
- PV oversize: Max. 1.5 time PV oversize capacity
- Multiple intelligent protection
- Smart IV curve scanning
- Wi-Fi Standard Ethernet
- Configuration: Quick and easy configuration via Wi-FI
- PV Reverse polarity protection
- PV Insulation resistance detection
- AC short circuit protection
- AC over current protection
- AC over voltage protection
- Anti-islanding protection
- Residual current detection
- Over temperature protection
- Integrated DC switch
- Surge protection type III
- Smart IV curve scanning
- Active and reactive power compensation, adjust power factor
- High-quality power output and low THDI

TECHNICAL DATA

- Number of poles: 3P/N/PE
- Rated power: 30KW/ 40KW/ 50KW/ 60KW
- Maximum power of solar panels: 45000W / 60000 / 75000 / 90000
- MPPT operating voltage range: 200-1000V DC
- Maximum input voltage: 1100VDC
- Number of independent outputs (MPP Trackers)/Strings on each output: 3/6; 3/6; 3/7; 4/8
- EU performance: > 98,5%/ 98,65%/ 98,80%/ 99,00%
- Display: LCD
- Modbus: RS485
- IP code: IP65
- Altitude: up to 4000m
- Ambient temperature: from -25 to 60°C
- Relative humidity: from 0 to 100%
- Weight: 42kg / 43kg / 45kg / 51kg

CERTIFICATION

- INTERTEK/ VDE/ EN/ CE

See the full range of certificates on www.elmarkholding.eu

Catalogue number	Type	Number of poles	Rated power (W)	Maximum power of solar panels (W)	Dimensions WxHxD (mm)
423033	ELM3PON030K	3P/N/PE	30000	45000	712x427x232
423009	ELM3PON040K	3P/N/PE	40000	60000	712x427x232
423010	ELM3PON050K	3P/N/PE	50000	75000	712x427x232
423011	ELM3PON060K	3P/N/PE	60000	90000	712x427x232

SMART APPLICATIONS FOR MANAGEMENT AND MONITORING

Business

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Smart

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- Detailed steps for preparing the update are described in User manual.
- For further technical questions, you can contact us by email: ic-products@elmarkholding.eu

7 YEARS TOTAL WARRANTY
5 standard + 2 extended

These products meet all the technical requirements set by the European Union for the construction of solar systems.

Scan each QR code to see product price and availability.

HYBRID SOLAR INVERTERS

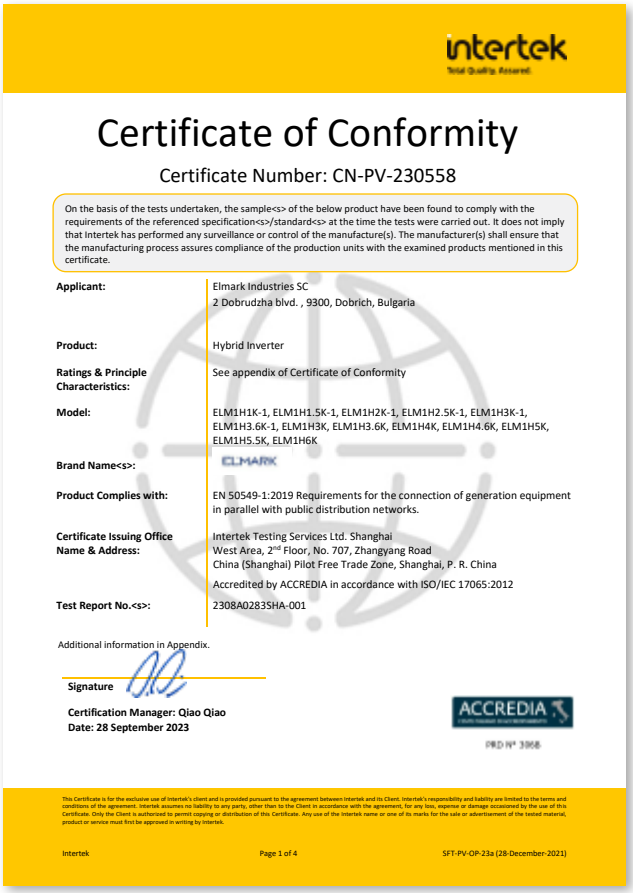


HYBRID SOLAR INVERTERS WITH CAPACITIES FROM 3kW TO 20kW

ELMARK's hybrid inverter options range from 3kW to 20kW. They have a mode of operation that completely excludes the need for existing power supply from the grid, as well as in combined mode connected to the grid and to a battery.

CERTIFICATION

- INTERTEK/ VDE/ EN/ CE



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Certificate of Conformity

Certificate Number: CN-PV-230558

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

Applicant:	Elmark Industries SC 2 Dobrudzha blvd. , 9300, Dobrich, Bulgaria
Product:	Hybrid Inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	ELM1H1K-1, ELM1H1.5K-1, ELM1H2K-1, ELM1H2.5K-1, ELM1H3K-1, ELM1H3.6K-1, ELM1H3K, ELM1H3.6K, ELM1H4K, ELM1H4.6K, ELM1H5K, ELM1H5.5K, ELM1H6K
Brand Name<s>:	ELMARK
Product Complies with:	EN 50549-1:2019 Requirements for the connection of generation equipment in parallel with public distribution networks.
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012
Test Report No.<s>:	2308A0283SHA-001

Additional information in Appendix.

Signature

Certification Manager: Qiao Qiao
Date: 28 September 2023

ACCREDIA
PRD N° 3868

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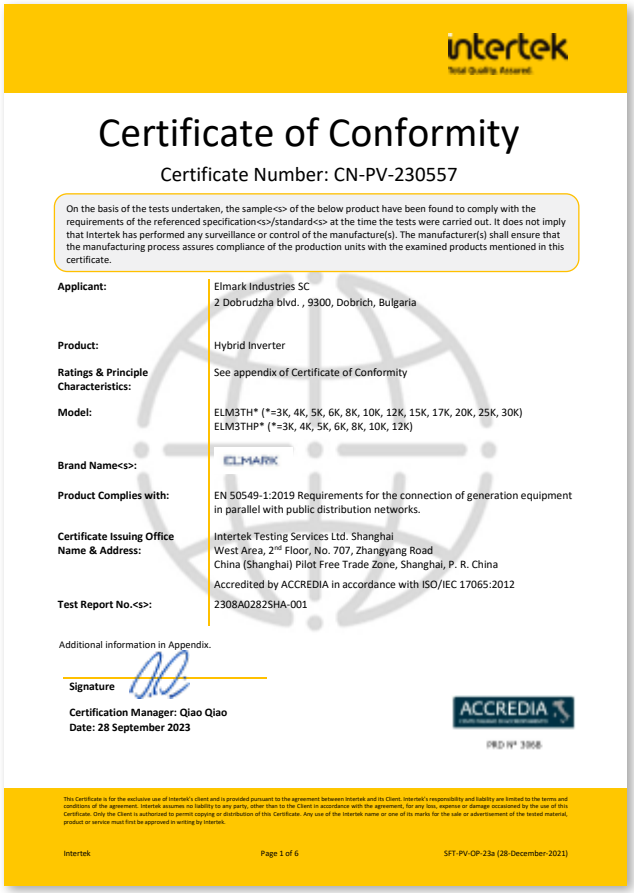
Intertek Page 1 of 4 SFT-PV-OP-23a (28-December-2021)



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Certificate of Conformity

Certificate Number: CN-PV-230557

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Applicant:	Elmark Industries SC 2 Dobrudzha blvd. , 9300, Dobrich, Bulgaria
Product:	Hybrid Inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	ELM3TH* (*=3K, 4K, 5K, 6K, 8K, 10K, 12K, 15K, 17K, 20K, 25K, 30K) ELM3THP* (*=3K, 4K, 5K, 6K, 8K, 10K, 12K)
Brand Name<s>:	ELMARK
Product Complies with:	EN 50549-1:2019 Requirements for the connection of generation equipment in parallel with public distribution networks.
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012
Test Report No.<s>:	2308A0282SHA-001

Additional information in Appendix.

Signature

Certification Manager: Qiao Qiao
Date: 28 September 2023

ACCREDIA
PRD N° 3868

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

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*** The full range of available certificates can be found on www.elmarkholding.eu**

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

HYBRID

SINGLE-PHASE HYBRID SOLAR INVERTER 3KW ELMARK ELM1H3K WITH POSSIBILITY TO PARALLEL COUPLING

ELMARK low voltage Series storage Inverters are designed to increase energy independence for homeowners. ELM1H3K is compatible with low voltage (40-60V) batteries. Energy management is based on time-of-use and demand charge rate structures, significantly reduce the amount of energy purchased from the public grid.

UPS function (switch time < 10ms), enables the crucial loads power on during outages. Additionally, under the backup operation mode, the inverter provides you up to 150% peak output overloading. The ELM1H3K low voltage series storage inverters integrated with Arc Fault Circuit Interrupter (AFCI) and Rapid Shutdown.



ELM1H3K

Check the system status anytime and anywhere via online portal or smart HOME APP.

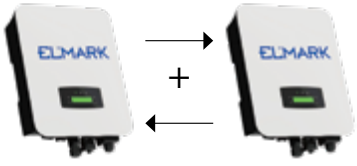
Google Play

App Store

After building the solar system, we recommend updating the inverter with the latest software to ensure proper system operation and monitoring. When performing this update, the batteries we recommend must also be connected and registered online on the Uhome website or app to ensure correct communication between the two devices.
Detailed steps for preparing the update are described in User manual.
For further technical questions, you can contact us by email: ic-products@elmarkholding.eu

Catalogue number:

423071



Increase the power to 6kW with parallel coupling.

ADVANTAGES

- UPS function
- Support generator and wind turbine
- Ability to operate up to 6 inverters in parallel
- and increase system power up to 18kW.
- Anti-flow: Ant-feed function
- PV oversize: Max. 1.5 time PV oversize
- capacity
- Multiple intelligent protection
- Smart monitoring & remote firmware
- upgrade
- PV Reverse polarity protection
- Over current/ voltage protection
- Anti-islanding protection
- AC short circuit protection
- Residual current detection
- Ground fault monitoring
- Insulation resister detection
- PV arc detection

CERTIFICATION

- INTERTEK/ VDE/ EN/ CE

See the full range of certificates on www.elmarkholding.eu

TECHNICAL DATA

- Number of poles: 1P/N/PE
- Rated power: 3KW
- Maximum power of solar panels: 4500W
- MPPT operating voltage range: 80-500V DC
- Maximum input voltage: 550VDC
- Number of independent outputs
- (MPP Trackers)/Strings on each output: 2/2
- Battery voltage: 40-60VDC
- Battery Type: Lithium/Lead Acid
- Charging current: 80A
- EU performance: > 97,6%
- Display: LCD
- Modbus: RS485
- IP code: IP65
- Altitude: up to 4000m
- Ambient temperature: from -25 to 60°C
- Relative humidity: from 0 to 100%
- Weight: 17kg
- Dimension (WxHxD): 513x370x192mm

NOTE: Recommended battery: UHOME low voltage battery 2400W, 5000W and 10000W with catalogue numbers: 98BAT2400LFP, 98BAT-5000LFP and 98BAT10000LFP.

These products meet all the technical requirements set by the European Union for the construction of solar systems.

Scan each QR code to see product price and availability.

7 YEARS TOTAL WARRANTY
5 standard
2 extended

SINGLE-PHASE HYBRID SOLAR INVERTER 5KW ELMARK ELM1H5K WITH POSSIBILITY TO PARALLEL COUPLING

HYBRID

The ELMARK ELM1H5K low voltage Series storage Inverters are designed to increase energy independence for homeowners. ELM1H5K is compatible with low voltage (40-60V) batteries.
Energy management is based on time-of-use and demand charge rate structures, significantly reduce the amount of energy purchased from the public grid.

Thanks for the UPS function (switch time < 10ms), enables the crucial loads power on during outages. Additionally, under the backup operation mode, the inverter provides you up to 150% peak output overloading.
ELM1H5K is inverter integrated with Arc Fault Circuit Interrupter (AFCI) and Rapid Shutdown.

Check the system status anytime and anywhere via online portal or smart HOME APP.

Google Play

App Store

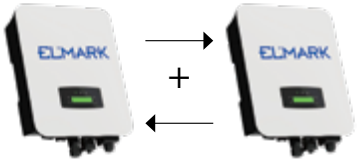


ELM1H5K

After building the solar system, we recommend updating the inverter with the latest software to ensure proper system operation and monitoring. When performing this update, the batteries we recommend must also be connected and registered online on the Uhome website or app to ensure correct communication between the two devices.
Detailed steps for preparing the update are described in User manual.
For further technical questions, you can contact us by email: ic-products@elmarkholding.eu

Catalogue number:

423036



Increase the power to 10kW with parallel coupling.

ADVANTAGES

- UPS function
- Support generator and wind turbine
- Ability to operate up to 6 inverters in parallel and increase system power up to 30kW.
- Anti-flow: Ant-feed function
- PV oversize: Max. 1.5 time PV oversize capacity
- Multiple intelligent protection
- Smart monitoring & remote firmware upgrade
- PV Reverse polarity protection
- Over current/ voltage protection
- Anti-islanding protection
- AC short circuit protection
- Residual current detection
- Ground fault monitoring
- Insulation resistance detection
- PV arc detection

CERTIFICATION

- INTERTEK/ VDE/ EN/ CE

See the full range of certificates on www.elmarkholding.eu

TECHNICAL DATA

- Number of poles: 1P/N/PE
- Rated power: 5KW
- Maximum power of solar panels: 7500W
- MPPT operating voltage range: 80-500V DC
- Maximum input voltage: 550VDC
- Number of independent outputs (MPP Trackers)/Strings on each output: 2/2
- Battery voltage: 40-60VDC
- Battery Type: Lithium/Lead Acid
- Charging current: 80A
- EU performance: > 97,6%
- Display: LCD
- Modbus: RS485
- IP code: IP65
- Altitude: up to 4000m
- Ambient temperature: from -25 to 60°C
- Relative humidity: from 0 to 100%
- Weight: 17kg
- Dimension (WxHxD): 513x370x192mm

NOTE: Recommended battery: UHOME low voltage battery 2400W, 5000W and 10000W with catalogue numbers: 98BAT2400LFP, 98BAT5000LFP and 98BAT10000LFP.

7 YEARS TOTAL WARRANTY
5 standard + 2 extended

These products meet all the technical requirements set by the European Union for the construction of solar systems.

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

HYBRID UNBALANCE

THREE-PHASE HYBRID SOLAR INVERTERS 10KW, 15KW AND 20KW ELMARK WITH POSSIBILITY TO PARALLEL COUPLING

The ELMARK ELM3TH low voltage Series storage Inverters are designed to increase energy independence for homeowners and commercial users. They are compatible with high voltage (150-800V) batteries. Energy management is based on time-of-use and demand charge rate structures, significantly reduce the amount of energy purchased from the public grid.

Thanks for the UPS function (switch time < 10ms), enables the crucial loads power on during outages. Additionally, under the backup operation mode, the inverter provides you up to 150% peak output overloading.
ELM3TH is inverter integrated with Arc Fault Circuit Interrupter (AFCI) and rapid shutdown.

Check the system status anytime and anywhere via online portal or smart HOME APP.

Google Play

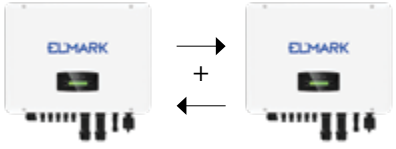
App Store



ELM3TH10K
ELM3TH15K
ELM3TH20K

After building the solar system, we recommend updating the inverter with the latest software to ensure proper system operation and monitoring. When performing this update, the batteries we recommend must also be connected and registered online on the Uhome website or app to ensure correct communication between the two devices.
Detailed steps for preparing the update are described in User manual.
For further technical questions, you can contact us by email: ic-products@elmarkholding.eu

7 YEARS TOTAL WARRANTY
+ 5 standard
2 extended



By connecting up to 6 inverters in parallel, you can get power from 60 to 120kW

ADVANTAGES

- UPS function
- Support generator and wind turbine
- Ability to operate up to 6 inverters in parallel and increase system power up to 120kW.
- Support unbalance load
- Anti-flow: Ant-feed function
- PV oversize: Max. 1.5 time PV oversize capacity
- Multiple intelligent protection
- Smart: Smart monitoring & remote firmware upgrade
- PV Reverse polarity protection
- Over current/ voltage protection
- Anti-islanding protection
- AC short circuit protection
- Residual current detection
- Ground fault monitoring
- Insulation resister detection
- PV arc detection

TECHNICAL DATA

- Number of poles: 3P/N/PE
- Rated power: 10KW/ 15KW/ 20KW
- Maximum power of solar panels: 15KW/ 22.5kW/ 30kW
- MPPT operating voltage range: 150-850V DC
- Maximum input voltage: 1000VDC
- Number of independent outputs (MPP Trackers)/Strings on each output: 2/2; 2/4; 2/4
- Battery voltage: 150-800VDC
- Battery Type: Lithium/Lead Acid
- Charging current: 30A; 50A; 50A
- EU performance: > 98,3%; 98,3%; 97,8%
- Display: LCD
- Modbus: RS485
- IP code: IP65
- Altitude: up to 4000m
- Ambient temperature: from -25 to 60°C
- Relative humidity: from 0 to 100%
- Weight: 22kg; 28kg; 28kg
- Dimension (WxHxD): 588x426x250mm

CERTIFICATION

- INTERTEK/ VDE/ EN/ CE

See the full range of certificates on www.elmarkholding.eu

Catalogue number	Type	Number of poles	Rated power (W)	Maximum power of solar panels (W)	Dimensions WxHxD (mm)
423037	ELM3TH10K	3P/N/PE	10000	15000	588x426x250
423072	ELM3TH15K	3P/N/PE	15000	22500	588x426x250
423038	ELM3TH20K	3P/N/PE	20000	30000	588x426x250

NOTE: Recommended battery: Afore high voltage battery 10000W, 15000W and 20000W with catalogue numbers: 98BAT10000HV, 98BAT15000HV and 98BAT20000HV

These products meet all the technical requirements set by the European Union for the construction of solar systems.

Scan each QR code to see product price and availability.

SMART METERS



3 YEARS TOTAL WARRANTY
3 standard
0 extended

ELMARK
The Brand of Electricity

ELMARK SINGLE-PHASE SMART METER ELM- KW10S



ELMARK smart meter is an intelligent control device, which is designed for grid-connected inverters. Its main function is to measure the generation and consumption, transmit the data to the inverter through RS485 communication, to ensure that the generated power of the inverter is less or equal to the user's load.

Catalogue number:

423062

TECHNICAL DATA

- Rated power: 10kW
- Max. power: 18kW
- Accuracy: 1%
- Rated voltage: 230V
- Voltage range: 184-253V
- Rated current: 50A
- Max. current: 80A
- Connection for measurement: Direct connection
- Frequency range: 45-65Hz
- Grid type: L+N
- Communication: RS485
- IP code: IP20
- Mounting: on DIN-Rail
- Dimensions (LxWxH): 100x30x65mm

** Smart meter ELM- KW10S is compatible with all 1P solar inverters ELMARK.*

SINGLE-PHASE SMART METER DDSU666-CT



Type DDSU666-CT single phase electronic energy meter is designed based on power monitoring and energy metering demands for electric power system, communication industry, construction industry, etc. as a new generation of intelligent instrument combining measurement and communication function, mainly applied into the measurement and display for the electric parameters in the electric circuit including voltage, current, power, frequency, power factor, active energy, etc. The network can be realized through RS485 communication interface and external device. DIN rail mounting and modular design, it is characterized with small volume, easy installation and easy networking, widely applied into the internal energy monitoring and assessment for industrial and mining enterprises, hotels, schools, large public buildings.

Catalogue number:

423066

TECHNICAL DATA

- Current measurement range: 0-100A
- Measurement class: 1
- Voltage measurement accuracy: ± 0.5%
- Current / Power / Energy measurement accuracy: ±1%
- Frequency measurement accuracy: ± 0,01Hz
- Input voltage: 176 - 288VAC
- Power consumption: ≤ 0.8W
- Accessories: 1 CT150A/5A
- Grid type: 1P+N
- Communication: RS485 Modbus-RTU
- Baud rate: 9600bps
- Communication: RS485
- IP code: IP20
- Mounting: on DIN-Rail
- Dimensions (LxWxH): 100x36x65.5mm
- Operating temperature range: from -25 to 60°C
- Operating humidity: 5- 95% (non-condensing)

**Smart meter DDSU666-CT is compatible with all 1P solar inverters ELMARK*

Scan each QR code to see product price and availability.



ELMARK TRIPLE-PHASE SMART METER ELM- KW50T

ELMARK smart meter is an intelligent control device, which is designed for grid-connected inverters. Its main function is to measure the generation and consumption, transmit the data to the inverter through RS485 communication, to ensure that the generated power of the inverter is less or equal to the user's load.

Catalogue number:

423063

TECHNICAL DATA

- Rated power: 50kW
- Max. power: 55kW
- Accuracy: 1%
- Rated voltage: 230/400V
- Voltage range: 320-440V
- Rated current: 72.5A
- Max. current: 80A
- Connection for measurement:

Direct connection

- Frequency range: 45-65Hz
- Grid type: 3P+N
- Communication: RS485
- IP code: IP20
- Mounting: on DIN-Rail
- Dimensions (LxWxH): 100x70x65mm

** Smart meter ELM- KW50T is compatible with all 3P solar inverters ELMARK.*



ELMARK TRIPLE-PHASE SMART METER ELM- KW130T

ELMARK smart meter is an intelligent control device, which is designed for grid-connected inverters. Its main function is to measure the generation and consumption, transmit the data to the inverter through RS485 communication, to ensure that the generated power of the inverter is less or equal to the user's load.

Catalogue number:

423064

TECHNICAL DATA

- Rated power: 130kW
- Max. power: 150kW
- Accuracy: 1%
- Rated voltage: 230/400V
- Voltage range: 320-440V
- Rated current: 3x200A (CT max. 3x5000A)
- Max. current: 3x220A (CT max. 3x5000A)
- Grid type: 3P+N
- Communication: RS485
- IP code: IP20
- Mounting: on DIN-Rail
- Dimensions (LxWxH): 100x70x65mm

** Smart meter ELM- KW130T is compatible with all 3P solar inverters ELMARK.*



Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

BATTERIES FOR SOLAR POWER SYSTEMS







UHOME LFP BATTERY (LIFEPO4) 2400W FOR SINGLE PHASE HYBRID INVERTERS



Catalogue number:
98BAT2400LFP

ADVANTAGES

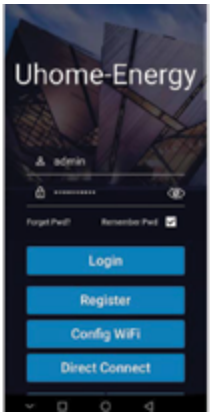
This type of battery offers many advantages, such as longer life, no maintenance, outstanding safety and improved discharge and charge efficiency compared to lead-acid batteries. They are suitable for high power storage, for frequent loads and for installation in places where space is limited (battery size is 442x500x133mm). The manufacturer of the Uhome LFP battery guarantees more than 6000 cycles of deep discharge at 95% of the battery capacity. This is achieved through an integrated BMS control system that monitors voltage, current, temperature and cell status, balancing charging and discharging to increase cell life. The ability to connect up to 8 batteries in parallel increases the capacity of the system by increasing the time of use or to power more powerful consumers.

FEATURES

- Environmentally friendly product, non-toxic and non-polluting environment
- The material used to make the product is made of LiFePO4 for safe use and numerous life cycles
- The Battery Management System (BMS) has a protective safety against overcharge, peak current, low voltage, short circuit and high temperature.
- The system can automatically control overcharge processes and balance current and voltage levels at the level at the unit level module in a group of several connected batteries.
- It has its own cooling system at low noise levels.
- Low self-discharge rates. The battery can last up to 6 months without charging.
- It does not remember situations where a shallow charge or discharge is required
- The operating temperature range is from -10° to 55°C (When charging 0~50°C; When discharging -10~55°C)
- Compact and modern design, that fits into any room.
- Compatible with a wide range of hybrid inverters available on the market.

TECHNICAL DATA

- Rated voltage: 48-56V DC
- Rated capacity: 2400Wh (2.4kW)
- Usable capacity: 2200Wh (2.2kW)
- Rated charging/dilution capacity:1500Wh (1.5kW)
- Charging voltage: 57.6V
- Communication inputs: RS485, CAN
- Configuration: up to 8 batteries in series or parallel
- Patients with related adverse
- IP code: IP20
- Cooling: Naturally
- Operating temperature: When charging: from 0 to 50 °C, On discharge: from -10 up to 55°C
- Weight: 27.5Kg
- Installation: on a wall/ on land
- Protection: software and hardware
- Dimensions: 442x500x133mm



CERTIFICATION

- The product is designed and tested in accordance with international safety requirements IEC 60364.
- Manufacturer declares that this Uhome-LFP 2400 is compliance with the essential requirements and other relevant of RE Directive 2014/53/EU.

MONITORING

The battery has a built-in Wi-Fi module providing access to information by computer or mobile phone, via the Uhome app.

Scan the code to download the Google Play or App Store »

⚠ After building the solar system, we recommend that you register the battery online on the Uhome website or application to ensure access to current and future software updates and to ensure its proper operation and connection with the inverter.

These products meet all the technical requirements set by the European Union for the construction of solar systems.

Scan each QR code to see product price and availability.



Catalogue number:
98BAT5000LFP

UHOME LFP BATTERY (LIFEPO4), 4800W FOR SINGLE PHASE HYBRID INVERTERS

ADVANTAGES

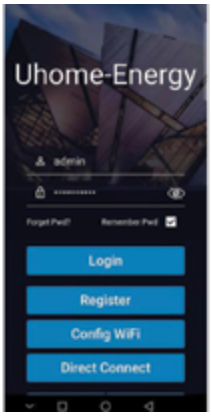
This type of battery offers many advantages, such as longer life, no maintenance, outstanding safety and improved discharge and charge efficiency compared to lead-acid batteries. They are suitable for high power storage, for frequent loads and for installation in places where space is limited (battery size is 442x500x133mm). The manufacturer of the Uhome LFP battery guarantees more than 6000 cycles of deep discharge at 95% of the battery capacity. This is achieved through an integrated BMS control system that monitors voltage, current, temperature and cell status, balancing charging and discharging to increase cell life. The ability to connect up to 8 batteries in parallel increases the capacity of the system by increasing the time of use or to power more powerful consumers.

FEATURES

- Environmentally friendly product, non-toxic and non-polluting environment
- The material used to make the product is made of LiFePO4 for safe use and numerous life cycles
- The Battery Management System (BMS) has a protective safety against overcharge, peak current, low voltage, short circuit and high temperature.
- The system can automatically control overcharge processes and balance current and voltage levels at the level at the unit level module in a group of several connected batteries.
- It has its own cooling system at low noise levels.
- Low self-discharge rates. The battery can last up to 6 months without charging.
- It does not remember situations where a shallow charge or discharge is required
- The operating temperature range is from -10° to 55°C (When charging 0~50°C; When discharging -10~55°C)
- Compact and modern design, that fits into any room.
- Compatible with a wide range of hybrid inverters available on the market.

TECHNICAL DATA

- Rated voltage: 48-56V DC
- Rated capacity: 5100Wh (5.1kW)
- Usable capacity: 4800Wh (4.8kW)
- Rated charging/dilution capacity: 3000Wh (3.0kW)
- Charging voltage: 57.6V
- Communication inputs: RS485, CAN
- Configuration: up to 8 batteries installed in series or parallel
- IP code: IP20
- Cooling: Naturally
- Operating temperature: When charging: from 0 to 50 °C, On discharge: from -10 up to 55°C
- Weight: 45Kg
- Installation: on a wall/ on land
- Protection: software and hardware
- Dimensions: 442x500x135mm



CERTIFICATION

- The product is designed and tested in accordance with international safety requirements IEC 60364.
- Manufacturer declares that this Uhome-LFP 5000 is compliance with the essential requirements and other relevant of RE Directive 2014/53/EU.

MONITORING

The battery has a built-in Wi-Fi module providing access to information by computer or mobile phone, via the Uhome app.

Scan the code to download the Google Play or App Store »

After building the solar system, we recommend that you register the battery online on the Uhome website or application to ensure access to current and future software updates and to ensure its proper operation and connection with the inverter.

These products meet all the technical requirements set by the European Union for the construction of solar systems.

Scan each QR code to see product price and availability.



Catalogue number:
98BAT10000LFP

UHOME LFP BATTERY (LIFEPO4), 10 000W FOR SINGLE PHASE HYBRID INVERTERS

ADVANTAGES

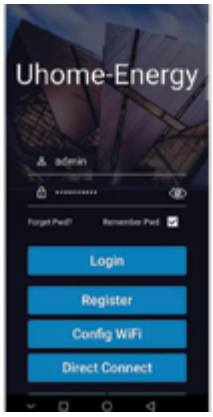
This type of battery offers many advantages, such as longer life, no maintenance, outstanding safety and improved discharge and charge efficiency compared to lead-acid batteries. They are suitable for high power storage, for frequent loads and for installation in places where space is limited (battery size is 525x820x238mm). The manufacturer of the Uhome LFP battery guarantees more than 6000 cycles of deep discharge at 95% of the battery capacity. This is achieved through an integrated BMS control system that monitors voltage, current, temperature and cell status, balancing charging and discharging to increase cell life. The ability to connect up to 4 batteries in parallel increases the capacity of the system by increasing the time of use or to power more powerful consumers.

FEATURES

- Environmentally friendly product, non-toxic and non-polluting environment
- The material used to make the product is made of LiFePO4 for safe use and numerous life cycles
- The Battery Management System (BMS) has a protective safety against overcharge, peak current, low voltage, short circuit and high temperature.
- The system can automatically control overcharge processes and balance current and voltage levels at the level at the unit level module in a group of several connected batteries.
- It has its own cooling system at low noise levels.
- Low self-discharge rates. The battery can last up to 6 months without charging.
- It does not remember situations where a shallow charge or discharge is required
- The operating temperature range is from -10° to 50°C (When charging 0~45°C; When discharging -10~50°C
- Compact and modern design, that fits into any room.
- Compatible with a wide range of hybrid inverters available on the market.

TECHNICAL DATA

- Rated voltage: 48-56V DC
- Rated capacity: 10 000Wh (10kW)
- Usable capacity: 9200Wh (9.2kW)
- Nominal dis-/charge Power: 4.6kW
- MAX. charging voltage: 57.6V
- Communication inputs: RS485, CAN
- Configuration: up to 4 batteries installed in series or parallel
- IP code: IP65
- Cooling: Naturally
- Operating temperature: When charging: from 0 to 45 °C, On discharge: from -10 up to 50°C
- Weight: 96Kg
- Installation: free standing
- Protection: triple hardware protection
- Dimensions: 525x820x238mm



CERTIFICATION

- The product is designed and tested in accordance with international safety requirements IEC 60364.
- Manufacturer declares that this Uhome-LFP 10000 is compliance with the essential requirements and other relevant of RE Directive 2014/53/EU.

MONITORING

The battery has a built-in Wi-Fi module providing access to information by computer or mobile phone, via the Uhome app.

Scan the code to download the Google Play or App Store »

After building the solar system, we recommend that you register the battery online on the Uhome website or application to ensure access to current and future software updates and to ensure its proper operation and connection with the inverter.

10 YEARS WARRANTY

These products meet all the technical requirements set by the European Union for the construction of solar systems.

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

ELMARK LIFEPO4 HIGH VOLTAGE ENERGY STORAGE BATTERY 10KW, 15KW AND 20KW FOR THREE PHASE HYBRID INVERTERS ELMARK

ADVANTAGES

This type of battery offers many advantages, such as longer life, no maintenance, outstanding safety and improved discharge and charge efficiency compared to lead-acid batteries.
They are suitable for high power storage, for frequent loads and for installation on the ground. ELMARK guarantees that high voltage LFP batteries haves more than 6000 cycles of deep discharge at 90% of the battery capacity.

FEATURES

- Environmentally friendly product, non-toxic and non-polluting environment
- The material used to make the product is made of LiFePO4 for safe use and numerous life cycles
- Smart O&M: Check the APP to find data on your phone. Remote diagnosis and OTA.
- It has its own cooling system at low noise levels.
- Low self-discharge rates.
- It does not remember situations where a shallow charge or discharge is required.
- The operating temperature range is from -20° to 55°C (When charging 0~55°C;
When discharging -20~55°C)
- Compact and modern design.
- Compatible with all three-phase hybrid inverters ELMARK.

TECHNICAL DATA

- Battery type: LiFePO4
- Installation: Ground-mounting
- Max. Discharge/Charge Current: 35A
- Protection Level: IP65
- Cycle Life: >6000, 90%DOD
- Transportation SOC: 30%
- Working Temperature: When charging 0~55°C; When discharging -20~55°C

Catalogue number	Voltage Working range	Nominal Voltage	Nominal Capacity	Weight (kg)	Dimension (WxHxD,)mm
98BAT10000HV	153V-213V DC	192V DC	10kWh	105	606x900x220
98BAT15000HV	230V-319V DC	288V DC	15kWh	152,3	606x1240x220
98BAT20000HV	306V-426V DC	384V DC	20kWh	199,5	606x1580x220



98BAT10000HV



98BAT15000HV



98BAT20000HV

10 YEARS WARRANTY

After building the solar system, we recommend that you register the battery online on the Uhome website or application to ensure access to current and future software updates and to ensure its proper operation and connection with the inverter.

These products meet all the technical requirements set by the European Union for the construction of solar systems.

Scan each QR code to see product price and availability.

CERTIFICATION DEKRA
The product is designed and tested in accordance with CEI 0-21:2022-03

Annex

DEKRA

Document no. : 6167418.01COC

Type of generating unit:
Tipologia di apparato:

Static Conversion Device *Dipositivo di conversione statica*	Interface Protection *Protezione di interfaccia*	Interface Protection Device *Dispositivo di interfaccia*	Rotating Generator Device *Dispositivo di generazione rotante*
Yes/*Si*	Yes/*Si*	Yes/*Si*	No

REMARK: the device is capable to limit the Idc to 0,5% of the nominal current
NOTA: Il dispositivo èin grado di limitare la Idc allo 0,5% della corrente nominale

Hardware version: 1.01
Versione hardware: 1.01
Software version: V01
Versione software: V01
The battery used for testing with the Hybrid Inverter ELMARK covered by this certificate:
La batteria utilizzata per i test con l'invertitore ibrido coperto dal presente certificato

Battery Models	AF20000W-H8	AF17500W-H7	AF15000W-H6
Nominal Voltage	384V	336V	288V
Nominal capacity	52Ah	52Ah	52Ah
CUS (Storage system useful capacity)	20.0kWh	17.5kWh	15.0kWh
Battery Models	AF12500W-H5	AF10000W-H4	AF7500W-H3
Nominal Voltage	240V	192V	144V
Nominal capacity	52Ah	52Ah	52Ah
CUS (Storage system useful capacity)	12.5kWh	10.0kWh	7.5kWh
Remark: The CB test certificate No. of the battery: DE 7-0773 When the batteries are connected in parallel, the charge/ discharge current is superimposed and is limited by the maximum current of the battery port of the Hybrid Inverter. The batteries are not integrated into the Hybrid Inverter and must be installed according to the local regulations.			

Testing Laboratory:
Laboratorio prove:

Testing Laboratory for CEI 0-21:2022-03
DEKRA Testing and Certification (Suzhou) Co., Ltd.
No. 99, Hongye Road, Suzhou Industrial Park Suzhou, 215006, P.R. China
Accreditation Number: L5313 (CNAS-ILAC)

Testing Laboratory for EMC:
1. Intertek Testing Services Shanghai
   Building No.86, 1198 Qinzhou Road (North), Caohejing Development Zone, Shanghai 200233, China
   Accreditation Number: 3309.02 (A2LA-ILAC)
2. Shanghai Inspection and Testing Institute of Instruments and Automation Systems Co., Ltd.
   No.103, Caobao Road, Xuhui District, Shanghai, China
   Accreditation Number: L0130 (CNAS-ILAC)

***The full range of available certificates can be found on www.elmarkholding.eu**

ELMARK
The Brand of Electricity

ACCESSORIES FOR SOLAR BATTERIES

UHOME ENERGY PORT



Catalogue number:
98BAT/EP

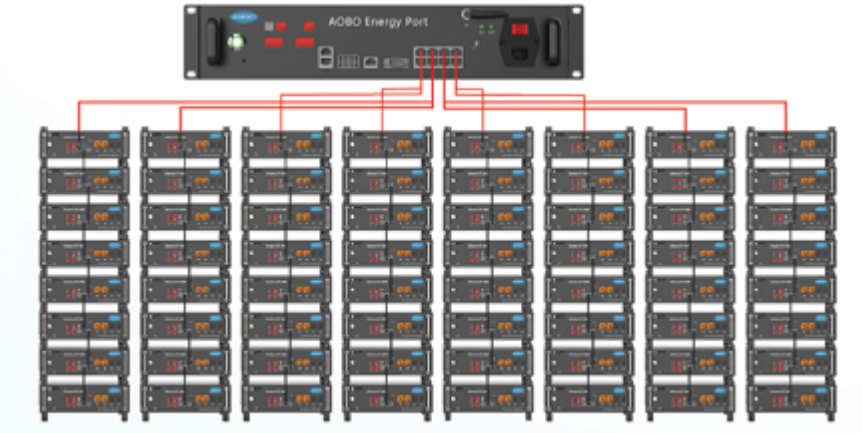
The energy port is a device that allows the connection and management of more than 8 batteries in parallel or in series. It's suitable with UHOME batteries with capacity of 2400 and 4800W.

ADVANTAGES

- CAN Communication Cable Connection mode (suit for 2-8 batteries piles)
- Suitable for residential and little commercial system.
- Plug-in and ready, no need any other accessories.

TECHNICAL DATA

- Power supply: 220-240V
- Live span: over 15 years
- Communication interface: CAN/RS 482/232/Internet
- IP code: IP20
- Working temperature: from -20 till + 60°C
- Size (LxWxH): 300x442x89mm
- Weight: 3kg



ENERGY STORAGE CONNECTOR PLUGS 1000V, IP67

Cable connectors for battery power cables, suitable with input of all types UHOME LFP BATTERY. With they can be make power extension cables with needed length.

Catalogue number	Rated voltage (V)	Rated current (A)	Conductor cross section (mm^2)	IP code	Packing (pcs)
59089	1000V	120A	16-25mm^2	IP67	1/100
59090	1000V	200A	35-50mm^2	IP67	1/100

** 2 pcs in SET*



59089



59090

3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

SOLAR BATTERY MOUNTING ACCESSORIES UHOME LPF 2400 AND LPF 5000



Catalogue number:
98BAT2400BRW

WALL MOUNTING

By spacers mounted at the four ends of the battery (Fig. 1)
This method of installation is recommended for up to 4 batteries. One set is suitable for installation of 2 batteries.
For installation of more than 4 batteries in a series it is recommended to use a board.

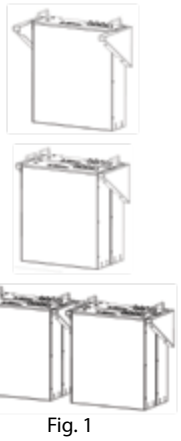


Fig. 1



Catalogue number:
98BAT2400BRG

GROUND MOUNTING

By spacers mounted at the four ends of the battery (Fig.2)

This method of installation is recommended for up to 4 batteries. One set is suitable for installation of 1 batterie.
For installation of more than 4 batteries in a series it is recommended to use a board.

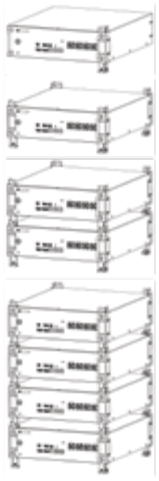


Fig. 2

METAL STORAGE CABINET FOR SOLAR BATTERIES UHOME LPF 2400 AND LPF 5000



Catalogue number:
98BAT15U

Using a metal cabinet to store the batteries of an already built hybrid or off-grid solar system is the most reliable and recommended option for this. The cabinet is suitable for the installation of up to 4 batteries with a capacity of 2400 and 4800Wh, while protecting at the same time the batteries and adds compactness and completeness to the system. The ability to lock the limits the compromise of equipment in places with random access to people, eliminating the possibility of accidents. Ventilation holes are provided on the housing and the door is made of mesh steel for proper cooling of the batteries, in rooms with temperatures from 0-50°C. In rooms with high temperatures, it is recommended to install an additional fan, and in winter or in rooms with temperatures below -10°C a heater to ensure optimum temperature. In the free installation method, without using a storage cabinet, optimum temperature levels are much more difficult to maintain and cost considerably more than the investment in it. Ensuring the optimum working temperature of the batteries, in turn, increases their lifetime and their mode of operation.

ADVANTAGES

Provides mechanical protection of batteries
Locking the dashboard in order to prevent accidental access or incidents.
Easier to ensure optimal microclimate of the battery storage area.
System compactness and completeness

TECHNICAL DATA

Material: cold-rolled SPCC steel
Wall thickness: 2 mm
Weight: 40kg
Dimensions (LxWxH): 600x600x769mm
Capacity: 4 batteries Uhome-LPF 2400/5000

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended





SOLAR CABLES H1Z2Z2-K

APPLICATION

They are specifically designed for the construction of photovoltage systems. H1Z2Z2-K solar cables have good wear resistance, extreme flexibility, UV protection and do not support combustion. They are also halogen-free, water and oil resistant. Cable weight: 4 mm²- 57kg; 6 mm²- 77kg

TECHNICAL DATA

- Reaction to fire: Dca S1a, d2, a1
- Cable cross-section: 4 mm²; 6 mm²
- Rated voltage (Uo/U): AC 1,0/1,0 kV; DC 1,5/1,5
- Conductor material: Tinned copper Class 5
- Number of conductors X diameter (N°x mm): 4 mm² - 50x0,30; 6 m² - 75x0,30
- Insulation and sheath material: Halogen-free compound
- Insulation thickness: 0,70 mm
- Insulation diameter: 4 mm²- 3,90 mm; 6mm²- 4,50mm
- Outer cable diameter: 4 mm²- 5,50 mm; 6 mm²- 6,05 mm
- Cable colour: black; red
- Maximum conductor resistance at 20°C: 4 mm²- 5,09 ohm/km; 6 mm²- 3,39 ohm/km
- Maximum insulation resistance at 20°C: 4 mm²- 580 MΩ.km; 6 mm²- 500 MΩ.km
- Minimum bending radius during laying: 5xØ of cable
- Flame spread test on single cable: EN 60332-1-2
- Operating temperature: -40+90°C
- Maximum short-circuit temperature: 250°C/5sec. (max.)
- Cable weight: 4 mm²- 57kg; 6 mm²- 77kg

CERTIFICATION

- Declaration of performance (DoP)
- TUV Certificate
- CE and EN Certificates

Catalogue number	Cross section (n x mm²)	Colour	Outer diameter (mm)	Total weight (kg/km)	Packing (m)
M411079/BL	4	Black	5,6	58	100
M411079/R	4	Red	5,6	58	100
M411080/BL	6	Black	6,2	78	100
M411080/R	6	Red	6,2	78	100

7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended

These products meet all the technical requirements set by the European Union for the construction of solar systems.

Scan each QR code to see product price and availability.

MALE/FEMALE CABLE CONNECTORS IP67, COMPATIBLE WITH MC4 STANDARD

APPLICATION

They are an important and indispensable element of any modern solar installation, serving for easier and faster wiring of the solar array. They are available in both male and female versions, and are compatible with the well-established MC4 connection standard.

EC Declaration of conformity

TECHNICAL DATA

- Rated voltage: 1500V
- Rated current: 30A
- Test voltage: 6KV(50Hz)
- IP code: IP67
- Conductive parts material: Copper alloy, tin plated
- Operating temperature: form -40 up +90°C
- Suitable for solar cables with cross sections: 2.5 mm2; 4 mm2 and 6mm2
- Suitable for cable glands: 3-6 mm

SINGLE CONNECTOR MC4 TYPE IP67, SET



Catalogue number	Type	Conductor cross section (mm^2)	Dimensions (mm)	Packing (pcs)
411079/MF	Single male/female couplers, SET	4/6	107.5 x 41	1/5

** 2 pcs. in set.*

TRIPLE CONNECTOR MC4 TYPE, IP67



Catalogue number	Type	Conductor cross section (mm^2)	Dimensions (mm)	Packing (pcs)
411080/M	2 male/ 1 female coupler	4/6	107.5 x 41	1/2
411080/F	1 male/ 2 female coupler	4/6	107.5 x 41	1/2

FOURFOLD CONNECTOR MC4 TYPE, IP67



Catalogue number	Type	Conductor cross section (mm^2)	Dimensions (mm)	Packing (pcs)
411081/M	3 male/ 1 female coupler	4/6	107.5 x 63	1/100
411081/F	1 male/ 3 female coupler	4/6	107.5 x 63	1/100

FIVEFOLD CONNECTOR MC4 TYPE , IP67



Catalogue number	Type	Conductor cross section (mm^2)	Dimensions (mm)	Packing (pcs)
411082/M	4 male/ 1 female coupler	4/6	108.5 x 85	1/50
411082/F	1 male/ 4 female coupler	4/6	108.5 x 85	1/50

These products meet all the technical requirements set by the European Union for the construction of solar systems.

Scan each QR code to see product price and availability.



TRIPLE CONNECTOR MC4 Y-TYPE , IP67

Catalogue number	Type	Conductor cross section (mm^2)	Length (mm)	Packing (pcs)
411080/MY	2 male/ 1 female coupler	4/6	300	1/50
411080/FY	1 male/ 2 female coupler	4/6	300	1/50



FOURFOLD CONNECTOR MC4 Y-TYPE, IP67

Catalogue number	Type	Conductor cross section (mm^2)	Length (mm)	Packing (pcs)
411081/MY	3 male/ 1 female coupler	4/6	300	1/40
411081/FY	1 male/ 3 female coupler	4/6	300	1/40



FIVEFOLD CONNECTOR MC4 Y-TYPE , IP67

Catalogue number	Type	Conductor cross section (mm^2)	Length (mm)	Packing (pcs)
411082/MY	4 male/ 1 female coupler	4/6	515	1/30
411082/FY	1 male/ 4 female coupler	4/6	515	1/30

These products meet all the technical requirements set by the European Union for the construction of solar systems.

Scan each QR code to see product price and availability.

TWO/FOUR-POLE DC ISOLATOR WATERPROOF BOX, IP66



APPLICATION

The DC switch is mounted between the solar panels and the inverter and is intended to isolate the PV array during installation or subsequent maintenance.

FEATURES

• Screw fixing doesn't interfere with the sealing performance.
• Multiple mechanical seals around the shaft guarantee the reliability of a waterproof and moisture-proof design.
• Stainless steel rotary screw does not rust nor damp.
• Standard cable interface available with seal rings.
• Internal sealing in top and bottom covers, combined with 2 screws, guarantee an IP66 protection degree.
• SAFE-LOCK with three rotational positions, reducing the risk of tampering.
• The isolator is compatible with various cables and with optional waterproof cable joints and MC4 joints
• Incorporating a user independent switching action, spring mechanism, to ensure a very fast break/make action, ensuring that the disconnection of the load circuits and suppression of the arc normally occurs within 5ms.
• Self-cleaning contact mechanism, reducing power loss and abrasion, improving the conduction performance, reducing the resistance and energy loss of the switch, extending the on-off life cycle.
• Double arc extinguishing mechanism, magnetic and arc chutes, restrain the arc efficiency, especially DC arcs.

TECHNICAL DATA

- Rated insulation voltage Ui: 1500V
- Rated current: 32A
- Rated impulse withstand voltage Uimp: 8000V
- Poles: 2P/4P
- Knob position: OFF at 9 hr, ON at 12 hr, C type
- Mechanical life: 10 000 cycles
- Pollution degree: 2
- Over voltage category: III
- Operating temperature: -40 to +70°C
- IP code: IP66
- Handle colour: Black
- Mounting: Wall-mounted or screw installation
- Dimensions LxHxD: 98x225x110

Catalogue number	Type	Rated current	Number of poles	Packing (pcs)
98SOL2P32S/DC	DC isolator 2 series-1 string	32A	2P	1
98SOL4P32S/DC	DC isolator 4 series-2 string	32A	4P	1

TWO/FOUR-POLE DC ISOLATOR SWITCHES, SUITABLE FOR PANEL MOUNTING



APPLICATION

The DC switch is mounted between the solar panels and the inverter and is intended to isolate the PV array during installation or subsequent maintenance.

TECHNICAL DATA

- Rated insulation voltage Ui: 1500V
- Rated current: 32A
- Rated impulse withstand voltage Uimp: 8000V
- Poles: 2P/4P
- Knob position: OFF at 12 hr, ON at 3 hr, C type
- Mechanical life: 10 000 cycles
- Pollution degree: 2
- Over voltage category: III
- Operating temperature: -40 to +70°C
- IP rating of shaft and mounting nut: IP66
- Handle colour: Black
- Mounting: Single hole
- Dimensions LxHxD: 60.2x94.9x64.8

Catalogue number	Type	Rated current	Number of poles	Packing (pcs)
98SOL2P32F/DC	DC isolator 2 series-1 string	32A	2P	1
98SOL4P32F/DC	DC isolator 4 series-2 string	32A	4P	1

These products meet all the technical requirements set by the European Union for the construction of solar systems.

Scan each QR code to see product price and availability.

SURFACE MOUNTING ASSEMBLED PV DISTRIBITION BOARD FOR 1 STRING, SET



1 x 60002



1 x 64210



1x 41268



1 x 10RT1832



2 x 10G103820



4 x 411079/MF

TECHNICAL DATA

- Box material: ABS
- Cover material: PC
- Box module capacity: 8
- Box insulation nominal voltage: 1000V
- Colour: RAL 7035
- IP degree: IP65
- SPD nominal discharge current In (8/20μs): 20kA
- SPD maximum discharge current Imax (8/20μs): 40kA
- MCB breacking capacity: 6kA
- MCB and fuse links rated voltage: 500V

THE SET INCLUDES

- ABS enclosure IP65: 1 x 60002
- SPD 2P type 2 1000V DC: 1x 64210
- MCB 2P 20A 500V curve C: 1 x 41268
- Swich disconnector 2P 32A: 1 x 10RT1832
- Fuse links 20A: 2 x 10G103820
- MC4 connectors 1500V 4-6mm2 male/fimale- 4 x 411079/MF

Catalogue number	Number of PV string	Plug connection	Dimensions (mm)			Packing/ Box
			W	H	D	
600021PV	1	MC4	195	103	195	1

SURFACE MOUNTING ASSEMBLED PV DISTRIBITION BOARD FOR 2 STRINGS, SET



1 x 60003



2 x 64210



2x 41268



2 x 10RT183



4 x 10G103820



8 x 411079/MF

TECHNICAL DATA

- Box material: ABS
- Cover material: PC
- Box module capacity: 12
- Box insulation nominal voltage: 1000V
- Colour: RAL 7035
- IP degree: IP65
- SPD nominal discharge current In (8/20μs): 20kA
- SPD maximum discharge current Imax (8/20μs): 40kA
- MCB breacking capacity: 6kA
- MCB and fuse links rated voltage: 500V

THE SET INCLUDES

- ABS enclosure IP65: 1 x 60003
- SPD 2P type 2 1000V DC: 2 x 64210
- MCB 2P 20A 500V curve C: 2 x 41268
- Swich disconnector 2P 32A: 2 x 10RT1832
- Fuse links 20A: 4 x 10G103820
- MC4 connectors 1500V 4-6mm2 male/fimale- 8 x 411079/MF

Catalogue number	Number of PV string	Plug connection	Dimensions (mm)			Packing/ Box
			W	H	D	
600032PV	2	MC4	270	103	195	1

5 YEARS TOTAL WARRANTY
+ 3 standard
2 extended

Scan each QR code to see product price and availability.



1 x EC62008E



1 x 64311



1x 41268



1 x 10RT1832



2 x 10G103820



4 x 411079/MF

SURFACE MOUNTING ASSEMBLED PV DISTRIBUTION BOARD FOR 1 STRING 1500V DC, SET

TECHNICAL DATA

- Box material: High-quality halogen free technopolymer with UV resistance
- Box module capacity: 8
- Box insulation nominal voltage: 1500V DC
- Colour: Grey RAL 9001
- IP degree: IP65
- Shock resistance: IK08
- SPD Total Discharge Current I total (10/350 µs): 12.5kA
- SPD nominal discharge current In (8/20µs): 20kA
- SPD maximum discharge current Imax (8/20µs): 40kA
- MCB breaking capacity: 6kA
- MCB and fuse links rated voltage: 500V

SET INCLUDE

- Halogen free UV resistance enclosure IP65 IK8: 1 x EC62008E
- SPD 3P type T1+T2 1500V DC 12.5kA: 1x 64311
- MCB 2P 20A 500V curve C: 1 x 41268
- Switch disconnector 2P 32A: 1 x 10RT1832
- Fuse links 20A: 2 x 10G103820
- MC4 connectors 1500V 4-6mm2 male/female- 4 x 411079/MF

HALOGEN FREE

Catalogue number	Number of PV string	Plug connection	IP code	Dimensions (mm)			Packing/ Box
				W	H	D	
EC62008E1PV	1	MC4	65	200	180	100	1

Possibility to lock with item: EC600SC





1 x EC62012E



2 x 64311



2x 41268



2 x 10RT1832



4 x 10G103820



8 x 411079/MF

SURFACE MOUNTING ASSEMBLED PV DISTRIBUTION BOARD FOR 2 STRINGS 1500V DC, SET

TECHNICAL DATA

- Box material: High-quality halogen free technopolymer with UV resistance
- Box module capacity: 12
- Box insulation nominal voltage: 1500V DC
- Colour: Grey RAL 9001
- IP degree: IP65
- Shock resistance: IK08
- SPD Total Discharge Current I total (10/350 µs): 12.5kA
- SPD nominal discharge current In (8/20µs): 20kA
- SPD maximum discharge current Imax (8/20µs): 40kA
- MCB breaking capacity: 6kA
- MCB and fuse links rated voltage: 500V

SET INCLUDE

- Halogen free UV resistance enclosure IP65 IK8: 1 x EC62012E
- SPD 3P type T1+T2 1500V DC 12.5kA: 2x 64311
- MCB 2P 20A 500V curve C: 2 x 41268
- Switch disconnector 2P 32A: 2 x 10RT1832
- Fuse links 20A: 4 x 10G103820
- MC4 connectors 1500V 4-6mm2 male/female- 8 x 411079/MF

HALOGEN FREE

Catalogue number	Number of PV string	Plug connection	IP code	Dimensions (mm)			Packing/ Box
				W	H	D	
EC62012E2PV	2	MC4	65	280	220	100	1

Possibility to lock with item: EC600SC



5 YEARS TOTAL WARRANTY
5 standard
0 extended

Scan each QR code to see product price and availability.

OFF-GRID SOLAR SYSTEMS



LIMITED STOCK



Solar panel 18V 100W



Portable charging station 300W

OFF-GRID SINGLE-PHASE SOLAR SYSTEM 300W, SET

The 300W power kit on offer is extremely compact and easy to carry. The quality of the electricity it produces is stable and comparable to that from the grid. Its compact dimensions and mobility make it extremely suitable for powering small consumers off the grid. The battery is built into the body of the inverter and the solar panel is placed in a convenient carrying bag. In addition to sunlight, the inverter's lithium-ion battery can be charged from the mains (220V) or from a car battery (12V). The inverter has many different types and voltages of output ports, making it a versatile device suitable for powering appliances with different purposes.

Catalogue number:

98SOL501

ADVANTAGES OF THE SYSTEM

- Three ways to charge the battery - from the mains, battery, solar power
- It can be used as a backup power supply in case of failure of
- the main power supply for stand-by lighting or other important low-power consumers.
- High quality, rechargeable lithium-ion battery with cover capacity 495Wh
- The inverter has 2 universal outlets 100-240V AC (300W), compatible with all known world standard plugs
- USB ports for smartphones, iPad, MP3, camera, hobby (helicopters, drones, etc.)
- Lighter for car
- Ports for simultaneous battery charging and discharging
- 12V petrol car start function
- Overload protection and warning, short circuit,overheating, over voltage, overheating, over voltage

TECHNICAL DATA

- Rated power AC: 300W
- Peak power AC: 600W
- Output Voltage: 220V/50HZ; AC110V/60HZ; 12V
- Waveform: Pure sine wave (sinusoid)
- Battery: Li-ion 14.8V 33.5Ah
- Battery capacity: 495Wh
- Charge current characteristics: 18- 30V 3.5A (MAX)
- Solar panel current characteristics: 18V/ 100W
- Charging time required: 6-8h
- USB outputs: USB 2.05V 2A/USB QC 3.0/ Type-C
- Outputs 12V DC: 2x10A
- Outputs 220V DC: 2
- Operating temperature: from -10 to 60°C
- Dimensions LxWxH: 205x105x170mm
- Net weight of the inverter: 3.6kg

THE SOLAR SET INCLUDES

Catalogue number	Description of the product
98SOL501PAN	Solar panel 18V 100W
98SOL501PS	Portable charging station 300W with built-in lithium-ion battery

3 YEARS TOTAL WARRANTY
3 standard
0 extended

ELMARK
The Brand of Electricity

LIMITED STOCK

OFF-GRID SINGLE-PHASE SOLAR SYSTEM 1000W, SET

The available 1000W kit is extremely compact and easy to carry. The quality of the electricity it produces is stable and comparable to that of mains electricity. Its compact size and mobility make it extremely suitable for powering small off-grid consumers. The battery is built into the inverter housing and the solar panel is placed in a convenient carrying bag. In addition to sunlight, the inverter's lithium-ion battery can be charged from the mains (220V) or from a car battery (12V). The inverter has many different types and voltages of output ports, making it a versatile device suitable for powering appliances with different purposes.

Catalogue number:

98SOL1001



Solar panel 36V 100W



Portable charging station 1000W

ADVANTAGES OF THE SYSTEM

- Three ways to charge the battery - from the mains, battery, solar power
- It can be used as a backup power supply in case of failure of the main power supply for stand-by lighting or other important low-power consumers.
- High quality, rechargeable lithium-ion battery with cover capacity 1048Wh
- The inverter has 2 universal outlets 100-240V AC (1000W), compatible with all known world standard plugs
- USB ports for smartphones, iPad, MP3, camera, hobby (helicopters,drones, etc.)
- Lighter for car
- Ports for simultaneous battery charging and discharging
- 12V petrol car start function
- Overload protection and warning, short circuit, overheating, over voltage

TECHNICAL DATA

- Rated power AC: 1000W
- Peak power AC: 2000W
- Output Voltage: 220V/50HZ; AC110V/60HZ; 12V
- Waveform: Pure sine wave (sinusoid)
- Battery: Li-ion 25.2V 41.6Ah
- Battery capacity: 1048Wh
- Current charge characteristics: 29.4- 40V 15A (MAX)
- Solar panel current charge characteristics: 36V/ 100W
- Charging time required: 6-8h
- USB outputs: USB 2.05V 2A/USB QC 3.0/ Type-C
- Outputs 12V DC: 2x10A
- Outputs 220V DC: 2
- Operating temperature: from -10 to 60°C
- Dimensions LxWxH: 360x215x300mm
- Net weight of the inverter: 10.5kg

THE SOLAR SET INCLUDES

Catalogue number	Description of the product
98SOL1001PAN	Solar panel 36V 100W
98SOL1001PS	Portable charging station 1000W with built-in lithium-ion battery

3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

LIMITED STOCK

OFF-GRID SINGLE-PHASE SOLAR SYSTEM 2000W,SET

The available 2000W kit is extremely compact and easy to carry. The quality of the electricity it produces is stable and comparable to that of mains electricity. Its compact size and mobility makes it extremely suitable for powering small off-grid consumers. The battery and inverter are housed in a wheeled case with a handle, and the solar panel is in a convenient carry bag. In addition to sunlight, the inverter's lithium-ion battery can be charged from the mains (220V) or from a car battery (12V). The inverter has many different types and voltages of output ports, making it a versatile device suitable for powering appliances with different purposes.

Catalogue number:

98SOL2001



Solar panel 36V 200W



Portable charging station 2000W

ADVANTAGES OF THE SYSTEM

- Three ways to charge the battery - from the mains, battery, solar power
- It can be used as a backup power supply in case of failure of
- the main power supply for stand-by lighting or other important low-power consumers.
- High quality, rechargeable lithium-ion battery with cover capacity
- 2016Wh
- The inverter has 2 universal outlets 100-240V AC (2000W), compatible with all known world standard plugs
- USB port
- Lighter for car
- Ports for simultaneous battery charging and discharging
- 12V petrol car start function
- Overload protection and warning, short circuit,overheating, over voltage

TECHNICAL DATA

- Rated power AC: 2000W
- Peak power AC: 4000W
- Output Voltage: 220V/50HZ; AC110V/60HZ; 12V
- Waveform: Pure sine wave (sinusoid)
- Battery: Li-ion 25.2V 80Ah
- Battery capacity: 2016Wh
- Current charge characteristics: 29.4- 40V 15A (MAX)
- Solar panel current charge characteristics: 36V/ 200W
- Charging time required: 10-12h
- USB outputs: USB 2.05V 2A/USB QC 3.0/ Type-C
- Outputs 12V DC: 1
- Outputs 220V DC: 2
- Operating temperature: from -10 to 60°C
- Dimensions LxWxH: 516x435x229mm
- Net weight of the inverter: 18kg

THE SOLAR SET INCLUDES

Catalogue number	Description of the product
98SOL2001PAN	Solar panel 36V 200W
98SOL2001PS	Portable charging station 2000W with built-in lithium-ion battery

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

CARPORT SOLAR SYSTEMS SETS



ON-GRID SINGLE-PHASE SOLAR SYSTEM WITH POWER OF 8000W - SET WITH CARPORT

These systems are preferred for the construction of solar power plants for the purpose of selling electricity or the construction of a grid system for the direct supply of consumers during the day in places where there is an established power grid. Their operating principle makes them extremely suitable for the partial reduction or complete exclusion of electricity bills.

ADVANTAGES OF THE SYSTEM

- Anti-flow: Ant-feed function
- PV oversize: Max. 1.5 time PV oversize capacity
- Multiple intelligent protection
- Smart IV curve scanning
- Wi-Fi Standard Ethernet
- Configuration: Quick and easy configuration via Wi-FI
- PV Reverse polarity protection
- PV Insulation resistance detection
- AC short circuit protection
- AC over current protection
- AC over voltage protection
- Anti-islanding protection
- Residual current detection
- Over temperature protection
- Integrated DC switch
- Surge protection type III
- Smart IV curve scanning
- Active and reactive power compensation, adjust power factor
- High-quality power output and low THDI
- High quality monocrystalline half cut cells solar panels with high efficiency up to 22,45% + 3.5%
- Low performance drop of the system and long service life of the solar panels, up to 30 years

Items included in the sets:



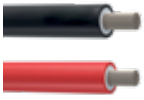
98SOL430M
98SOL580M



423007
INVERTER ELMARK



98SOL4P32S/DC



M411079/BL
M411079/R



423278/CP

SOLAR SET WITH INVERTER ELMARK

Catalogue number:
98SOL8000M/6ECP

Description of the items included in the set	Catalogue number	Quantity
ON-GRID inverter ELMARK 8000W	423007	1 pc
Solar panel 430W	98SOL430M	5pcs
Solar panel 580W	98SOL580M	10 pcs
Solar cable - red, Ø 4mm^2	M411079/R	50 m
Solar cable - black, Ø 4mm^2	M411079/BL	50 m
4P 32A DC switch	98SOL4P32S/DC	2 pc
Garage construction	423278/CP	1 pc

These products meet all the technical requirements set by the European Union for the construction of solar systems.

Scan each QR code to see product price and availability.

WARRANTY
» Solar panel
15 YEARS WARRANTY
» Inverter ELMARK
7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended
» Garage construction
10 YEARS WARRANTY

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ON-GRID THREE-PHASE SOLAR SYSTEM WITH POWER OF 8000W - SET WITH CARPORT

These systems are preferred for the construction of solar power plants for the purpose of selling electricity or the construction of a grid system for the direct supply of consumers during the day in places where there is an established power grid. Their operating principle makes them extremely suitable for the partial reduction or complete exclusion of electricity bills.

ADVANTAGES OF THE SYSTEM

- Anti-flow: Ant-feed function
- PV oversize: Max. 1.5 time PV oversize capacity
- Multiple intelligent protection
- Smart IV curve scanning
- Wi-Fi Standard Ethernet
- Configuration: Quick and easy configuration via Wi-FI
- PV Reverse polarity protection
- PV Insulation resistance detection
- AC short circuit protection
- AC over current protection
- AC over voltage protection
- Anti-islanding protection
- Residual current detection
- Over temperature protection
- Integrated DC switch
- Surge protection type III
- Smart IV curve scanning
- Active and reactive power compensation, adjust power factor
- High-quality power output and low THDI
- High quality monocrystalline half cut cells solar panels with high efficiency up to 22,45% + 3.5%
- Low performance drop of the system and long service life of the solar panels, up to 30 years

Items included in the sets:



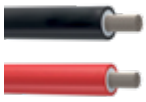
98SOL430M
98SOL580M



423030
INVERTER ELMARK



98SOL4P32S/DC



M411079/BL
M411079/R



423278/CP

SOLAR SET WITH INVERTER ELMARK

Catalogue number:
98SOL8003M/6ECP

Description of the items included in the set	Catalogue number	Quantity
ON-GRID inverter ELMARK 10000W	423030	1 pc
Solar panel 430W	98SOL430M	5pcs
Solar panel 580W	98SOL580M	10 pcs
Solar cable - red, Ø 4mm^2	M411079/R	50 m
Solar cable - black, Ø 4mm^2	M411079/BL	50 m
4P 32A DC switch	98SOL4P32S/DC	2 pc
Garage construction	423278/CP	1 pc

These products meet all the technical requirements set by the European Union for the construction of solar systems.

WARRANTY
» Solar panel
15 YEARS WARRANTY
» Inverter ELMARK
7 YEARS TOTAL WARRANTY
+ 5 standard 2 extended
» Garage construction
10 YEARS WARRANTY

Scan each QR code to see product price and availability.

CHARGING STATIONS FOR ELECTRIC AND PLUG-IN CARS



Advantages of charging stations

Let's first look at what is the advantage of an electric car charger over a standard charge from a single-phase (two-pin) socket at home to answer the question, do I need a special charging station at home?



One of the answers to this question lies in the SPEED of charging the electric car battery from zero to full charge and whether it is acceptable to you. The charging speed depends on the capacity of the battery and the power it consumes per hour.

The standard Schuko socket allows charging the battery with a maximum current of 16A, which is equivalent to approximately 3680W. The charging cables in turn deliberately reduce the magnitude of the current from 16 to 12A, in order to protect the installation from overloading. So the power drawn from the battery per hour drops to 2760W. For a mass battery of about 40kWh, the time required to fully charge it under these conditions would be about 15 hours.



REDUCES CHARGING TIME BY UP TO 3 TIMES

ELMARK's 7kW single-phase charger will speed up the charging process between 2 and 3 times. Thus, the same battery with a capacity of 40kWh will be charged for about 6 hours, enough time to fully charge at night rate and the car to be charged 100% for the next day.

40kWh	7kW	6 hours
2018 Nissan LEAF	Home charging station	Charging time
		

SAFETY - ANOTHER BENEFIT TO CHOOSE THE HOME CHARGING STATION

Standard household outlets are not designed to withstand continuous loads with maximum power for 10-15 hours. These loads, combined with the long duration, can cause the installation to heat up, increasing the risk of damage and fire. The purpose-built charging point, including the charging station and its accompanying installation, are safe from any electrical risks.



ENSURE YOUR **COMFORT**

Another advantage that ensures the use of a home charger station is convenience. The commitment to looking for a convenient place near home for charging the car battery and the loss of time during its charging period is dropped.

ELMARK PORTABLE ELECTRIC VEHICLE CHARGERS



ELMARK provides single-phase AC portable EV chargers with rated power of 3.7kW and 7.3kW AC with has multiple safety protection mechanisms such as over current, over voltage and over temperature protection to ensure safe use.
Portable EV chargers are light in weight and stable in performance, resistant to falling and pressure. The waterproof performance is up to IP65, and it can work normally when immersed in water for a short time
It is usually carried with the car to facilitate the owner to charge in any charging condition.



TECHNICAL DATA

- Rated voltage: 207-253V AC
- Poles: 1P+N+ PE
- Rated current: adjustable
- Charging cable length: 4m
- IP code: IP65
- Connector material: Flame retardant, RoHS, wear resistance, rolling pressure resistance, high and low temperature resistance, stamping resistance, high oil resistance, ultraviolet rays resistance.
- Protections: Over temperature, over/under voltage protection, over current protection, residual current protection(AC30mA,DC6mA)
- Terminals: silver plated
- Gun head material: ABS, safe and durable, not easy to ignite
- Display: LCD
- Charger size (LxWxH): 180x82x50mm
- Working temperature: from -25 to +50°C
- Working humidity: 3-95%
- Working altitude: <2000m

Catalogue number	Number of poles	Rated power (kW)	Output current (A)	Cable length (m)	Packing/ Box
98EVP37	1P+N+ PE	3.7	6-16 adjustable	4	1
98EVP73	1P+N+ PE	7.3	6-32 adjustable	4	1



5 YEARS TOTAL WARRANTY
5 standard
0 extended

Scan each QR code to see product price and availability.

5 YEARS TOTAL WARRANTY
5 standard
+ 0 extended

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ELMARK RFID ELECTRIC VEHICLE CHARGING WALL BOXES

RFID EV Charging wall box, it is easy to install, stable in performance, and has a complete protection mechanism. The LCD display can show the detailed charging status. To operate RIFD function, it has a card writer and management program. The charger can be used with a stand.
This device is a charger that, for reasons of convenience and safety, must meet a number of technical requirements, while at the same time being designed to supply our vehicle in the comfort of our homes. This is the ideal solution for supplying electricity to the battery, as it allows us to make the most of idle hours, such as at night, to charge our vehicles.



ADVANTAGES

- Applicable with 99% of electric vehicles
- Two installation modes: on the wall or on a stand
- Easy charging activation via magnetic card
- Precise monitoring of PWM signal variations
- Oxygen-free pure copper cables, flame retardant and high temperature resistance

ADDITIONAL FUNCTIONS:

- **RFID Function**: The charging station can be configured with contactless IC card swiping function, and charging can only be carried out through authorized IC card. If the IC card is lost, the internal dip switch can be used to set the IC card losing module. There are 2 IC cards which are authorized
- **DLB Function:** This function is the automatic distribution of charging current, through an external current transformer. During the charging process, the charging station will monitor the online charging current in real time and make corresponding adjustments. When it is detected that the current of the main circuit is greater than the set current, the charging station will reduce the charging current until the charging is stopped. When it is detected that the current of the main circuit is less than the set current, the charging station will continue to increase the charging current until 32A or 63A. In this state, the maximum charging current of the charging station is 32A and 63A. While the charging current is uncertain, the current setting switch of the charging station becomes the transformation ratio setting switch of the current transformer. The transformation ratio of the external current transformer is set by software or factory setting. The factory default current transformer transformation ratio is 100A/5A.
- **RCMU function:** When the charging station is working , if there is a DC leakage current signal, the RCMU will immediately output a fault signal and cut off the output power within 300ms, ensuring the safety and reliability of personal and property. If the fault is eliminated, the charging station will automatically restart charging according to the program within 3S. Before charging, the RCMU module of the device will automatically carry out the accuracy and detection of the DC leakage current to ensure the safe and reliable operation of the device.
- **CT access function:** The charging station can provide an analog input function, the input analog is AC0-5A, which is used to display the current working current. When the detected working current is greater than the set current value, the charging station will reduce the charging current to the set current value. Thereby ensuring the safe and reliable operation of the charging station.
- **LCD display function**

TECHNICAL DATA

- Charger output: socket type 2
- Rated voltage: 207-253V AC; 360-440V AC
- Poles: 1P+N+ PE; 3P+N+ PE
- Rated current: adjustable
- IP code: IP54
- Connector material: Flame retardant, RoHS, wear resistance, rolling pressure resistance, high and low temperature resistance, stamping resistance, high oil resistance, ultraviolet rays resistance.
- Protections: Over temperature, over/under voltage protection, over current protection, residual current protection(AC30mA,DC6mA), surge protection
- Terminals: silver plated
- Gun head material: ABS, safe and durable, not easy to ignite
- RFID module for IC card with 2 cards
- DLB: CT 100/5A
- Lock: Electro-magnetic lock DC 12V 4 wire type
- Communication mode: OCPP1.6 Wi-Fi, 4G
- Display: LCD
- Mounting: wall or post
- Charger size (LxWxH): 245x123x357mm
- Working temperature: from -25 to +50°C
- Working humidity: 3-95%
- Working altitude: <2000m

Catalogue number	Rated voltage (V)	Number of poles	Rated power (kW)	Packing/ Box
98EV73	207-253	1P+N+ PE	7.3	1
98EV11	360-440	3P+N+ PE	11	1
98EV22	360-440	3P+N+ PE	22	1

Scan each QR code to see product price and availability.

EV CHARGING CABLES



EV charging cable is the carrier connecting electric vehicle and charging pile. And its basic function is to transmit electric energy.
EV Charging cables are generally used in charging stations, parking lots, hotels, communities, garages, and other areas.
At present, the safety of electric vehicles has become the focus of the industry.
During electric vehicles' charging and discharging process, it is important to pay attention to safety issues because of the long usage time, high current intensity, and high frequency of cables.
Based on ensuring good insulation performance, electric vehicle charging cable shall have high heat resistance and aging resistance.
At the same time, it shall have good low smoke and flame-retardant characteristics during combustion to minimize loss and injury.

Type 2 AC charging cables double-plug version (Type 2 to Type 2 or Female to Male Extension Cable), which is used for the connection from the charging station end to the electric vehicle end. Product meets the IEC 62196-2 charging connector standards. They are mainly two current options of 16A and 32A, which are divided into single-phase and three-phase version and defaults to a 5m black straight cable.

TECHNICAL DATA

- Type: female to male type 2 charging cable
- Cable length: 5m
- Case material: thermoplastic, flame retardant grade UL94 V-0
- Pin: copper alloy, silver + thermoplastic on the top
- Insulation resistance: >500MΩ(DC500V)
- Conductive terminal temperature rise: ≤50K
- Withstand voltage: 2500V/min
- Contact resistance: ≤0.3Ω
- Mechanical life: no-load plug in/ pull out >50000 times
- Coupled insertion force: 45N~80N
- Withstanding impact: Tolerable to 2-ton car rolling or 1m height drop without damage.

Catalogue number	Operating voltage (V)	Rated current (A)	Suitable for charging station with power (kW)	Cable type	Cable length (m)	Packing/ Box
98EVP32/1P	207-253	32	7.3	3x6+2x0.5mm2	5	1
98EVP16/3P	360-440	16	11	5x2.5mm+2x0.5mm2	5	1
98EVP32/3P	360-440	32	22	5x6mm+2x0.5mm2	5	1

EV CHARGING PILLAR

In cases where the charging station cannot be installed on a wall and the parking space is remote from the building, it is recommended to install the charging station on a pillar to which the charging cable is freely accessible.

Catalogue number:
98EVPOLE



5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

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ELMARK ELECTRIC VEHICLE URBAN CHARGING STATIONS



The 40kW-320kW DC EV charger are suitable for special urban charging station, urban public charging stations, intercity highway charging stations and other occasions requiring DC quick charging, especially suitable for rapid deployment under site limitation.

FEATURES

- Support Ethernet/4G/WI-FI communication
- OCCP communication protocol with CMS
- APP and cashless payment
- Simultaneously charging with 2 outputs (40kW with one)
- Suitable for fast charging
- SiC technology for high efficiency
- PTB certified energy meter with accurate measurement
- Compatible with IEC standard
- Multiple protections for running safety
- APP operation or RFID authentication or plug and play
- Option POS terminal for contactless credit card payment

PROTECTIONS

- Over/under voltage protection
- Overload protection
- Short circuit protection
- Over/under temperature protection
- Grounding protection
- Surge protection



5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

TECHNICAL DATA

- Voltage range: 200-750V
- Frequency: 50/60Hz
- Max. current: 200A
- Power: from 40kW to 320kW
- Power factor: ≥ 0.99 (50%-100% load)
- THD value: ≤ 5% (50%-100% load)
- Stable current accuracy: ≤ ±1%
- Max. efficiency: 95%
- Installation: Flor standing
- Charging outlet: 2 charging guns (CCS 2), 40kW 1 charging gun (CCS 2)
- Cable length: 5m
- LCD screen: included
- Emergency stop button: included
- RFID function: available
- Communication protocol: OCPP 1.6 (JSON)
- Cooling method: fan cooling
- Material: Galvanized steel
- MTBF: 100 000 hours
- IP code: IP54
- Noise: ≤ 60dB
- Working temperature: from -30°C to 50°C
- Humidity: 5-95% non condensing
- Working altitude: <2000m

Catalogue number	Model	Phases	Rated power (kW)	Charging outlets	Cable length	Dimensions (mm)
98EVP40	EL-EVP40	3P+N+PE	40kW	1	5m	1600x750x430
98EVP60	EL-EVP60	3P+N+PE	60kW	2	5m	1600x750x430
98EVP90	EL-EVP90	3P+N+PE	90kW	2	5m	1600x750x580
98EVP120	EL-EVP120	3P+N+PE	120kW	2	5m	1600x750x580
98EVP180	EL-EVP180	3P+N+PE	180kW	2	5m	1600x750x750
98EVP240	EL-EVP240	3P+N+PE	240kW	2	5m	1600x750x750
98EVP320	EL-EVP320	3P+N+PE	320kW	2	5m	1600x750x750

5 YEARS TOTAL WARRANTY
+ 5 standard
0 extended

Scan each QR code to see product price and availability.

WARRANTY TERMS

The terms apply to all products in the „Solar systems" section and are valid within the officially announced warranty periods:

- Upon sale, ELMARK guarantees that the products are free from defects and function under normal use and service. The announced warranty period of each product starts from the date of sale.
- The warranty is only valid for products purchased directly from ELMARK after a purchase document has been provided. For products purchased from our partners, all documents certifying the movement of the product from ELMARK to the end customer shall be provided.
- ELMARK's sole obligation in relation to the warranty periods announced shall be to enclose in replacement or repair of any product found to be defective after a claim by ELMARK within the warranty period specified for the product concerned.
- The warranty does not cover labor and transportation costs to the location where the product subject to the claim was installed.
- The warranty does not apply in the event that a product is installed in non-compliance with the installation instructions, except if the installation is performed by ELMARK.
- The warranty does not apply in the event that auxiliary or essential elements not purchased or recommended by ELMARK are used in the mounting of the system.
- The warranty does not apply in the event of damage caused by misuse, improper operation or unauthorized modification.
- The warranty does not apply in the event of damage occurring during transport by an external carrier.
- The warranty does not apply in case of damage or defects resulting from natural disasters caused by lightning, flood, fire, damage caused by pests and acts by third parties or events.

ELMARK recommends taking out solar array (system) insurance against natural disasters and damage.

- The warranty does not apply in the event of damage or defects resulting from hurricane-force winds and snowfall in excess of the values stated in the mounting structures section.
- The warranty does not apply in case of installation by unqualified persons or by qualified technicians in case of non-compliance with the installation instructions.
- The warranty does not apply in the event of attempted repair or correction by an unqualified technician.
- The warranty does not apply in case of relocation of elements of the system by a non-qualified technical person, compared to the initial installation.
- The warranty does not apply in case of modification of the system, in relation to the initial and final construction, in case of damage or deletion of serial numbers of the solar inverters.
- The warranty does not apply when using batteries that are not certified, not specified and recommended, when building off-grid and hybrid energy storage systems.

FILING A CLAIM

- A warranty claim will be honored subject to all terms described in the warranty terms and conditions section.
- Claims can be made from the official ELMARK website **www.elmarkholding.eu**
- The additional costs for travel, labor, delivery, etc., will be charged additionally upon removal of the claim if it is found that the products are free from defect or the warranty conditions are not met.
- A claim for compensation cannot be made for any loss of profit (including energy not fed into the grid or energy not used for own consumption, etc.). In any event, the maximum compensation for the customer's losses, regardless of fault, may not exceed the amount paid by the customer to purchase the equipment.

POWER GENERATORS



ELECTRICAL GASOLINE GENERATORS



ELECTRICAL GASOLINE GENERATORS EL-GF SERIES

Generators are machines that provide electricity when power from the local grid is unavailable. Electrical generators are used as a primary power source in areas where a local electrical grid is unavailable or difficult to access such as mining and farming operations or even new developments and construction and to supply backup power to facilities, businesses, or homes during power outages. Electrical generators don't create electricity. They convert mechanical energy into electrical power. Capturing the power of motion and turning it into electrical energy by forcing electrons from the external source through an electrical circuit. A generator is an electrical motor working in reverse. Once an electrical current has been established, it is directed through copper wires to power machines, devices, or electrical systems.

FEATURES

- **Automatic voltage regulator (AVR):** An automatic voltage regulator (AVR) is a electronic device for automatically maintaining generator output terminal voltage at a set value under varying load and operating temperature. It controls output by sensing the voltage Vout at a power-generating coil and comparing it to a stable reference. The error signal is then used to adjust an average value of the field current.
- **Switch for electric start:** no included by EL-3GF-6.
- **Two power supply voltage:** 220 and 380V AC (all models without EL-3GF-6).
- **Four stroke engine:** more fuel efficient as compared to 2-stroke generators. They consume the fuel on every 4th cycle. Moreover 4 stroke engine is and more durability A 2-stroke engine works more as compared to a 4 stroke engine for a specific time. It is evident from the fact that a 2-stroke engine produces more heat and more exhaust in one hour as compared to a 4-stroke engine.
- **Less sound:** A 4-stroke engine produces less sound and makes less pollution. It is safe for the environment. This is due to the fact that you do not have to add oil in the gas and hence no oil is burned during the combustion process.
- **No Extra Oil in Fuel:** There is no need to add extra oil along with the fuel in the fuel tank. Separate engine oil is used which needs to be replaced after every 500 hours of activity.
- **Compact design.**
- **User-friendly in operations.**

Catalogue number	Model	Rated power (kW)	Max. power (kW)	Fuel tank capacity (L)	Fuel consumption (g/(kW·h))	Running time (h)
45GF36	EL-2.8GF-6	2.8	3	15	≤530	10
45GF524	EL-5GF-2-4	5	5.5	25	≤480	9.5
45GF724	EL-7GF-2-4	7	7.5	25	≤515	5.8

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

Scan each QR code to see product price and availability.

ELECTRICAL DIESEL GENERATORS



EL-DG10/9.5E- without canopy



Silent type
EL-DG10/9.5SE- with canopy

ELECTRICAL DIESEL GENERATORS EL-DG SERIES, 9.5KW

TECHNICAL DATA

- Models: EL-DG10/9.5E- without canopy and EL-DG10/9.5SE- SILENT with canopy
- Max. output: 10kW
- Rated output: 9.5kW
- Frequency: 50Hz
- Output voltage: 220/380V
- DC output: 12V/8.3A
- Power factor: 1
- Starting method: Electric
- Automatic voltage regulator (AVR): Included
- Alternator Type: Self-excited, 2-pole, single phase alternator
- Starting system: Electric key start with 24Ah battery
- Noise Level (7m)EL-DG10/9.5E: 80-85DB
- Noise Level (7m)EL-DG10/9.5SE: 70-73DB
- Fuel tank capacity: 30L
- Continuous running time: 12h
- Engine type: Double-cylinder, vertical, 4-stroke air-cooled diesel engine
- Combustion system: direct injection
- Fuel consumption rate: ≤270 g/kW/h
- Oil volume: 2.5L
- Panel: 2 sockets, voltmeter, AC circuit breaker, oil alert
- Dimension (LxWxH) EL-DG10/9.5E: 770x540x710mm
- Dimension (LxWxH) EL-DG10/9.5SE: 1120x760x840mm
- Net weight EL-DG10/9.5E: 155kg
- Net weight EL-DG10/9.5SE: 205kg

Catalogue number	Model	Rated power (kW)	Max. Power (kW)	Fuel tank capacity (L)	Fuel consumption (g/(kW·h))	Running time (h)
45DG9500E	EL-DG10/9.5E	9.5	10	30	≤270	12
45DG9500SE	EL-DG10/9.5SE	9.5	10	30	≤270	12

3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

3 YEARS TOTAL WARRANTY
3 standard
0 extended

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ELECTRICAL DIESEL GENERATOR EL-DG SILENT SERIES, 15KW



Silent type
EL-DG15.5/15SE- with canopy

TECHNICAL DATA

- Models: EL-DG15.5/15SE- SILENT with canopy
- Max. output: 15.5kW
- Rated output: 15kW
- Frequency: 50Hz
- Output voltage: 220/380V
- DC output: 12V/8.3A
- Power factor: 1
- Starting method: Electric
- Automatic voltage regulator (AVR): Included
- Alternator Type: Self-excited, 2-pole, single phase alternator
- Starting system: Electric key start with 24Ah battery
- Noise Level (7m): 85DB
- Fuel tank capacity: 30L
- Continuous running time: 8h
- Engine type: Double-cylinder, vertical, 4-stroke air-cooled diesel engine
- Combustion system: direct injection
- Fuel consumption rate: ≤250 g/kW/h
- Oil volume: 3.8L
- Panel: 2 sockets, voltmeter, AC circuit breaker, oil alert
- Dimension (LxWxH): 940x680x980mm
- Net weight: 235kg

Catalogue number	Model	Rated power (kW)	Max. Power (kW)	Fuel tank capacity (L)	Fuel consumption (g/(kW·h))	Running time (h)
45DG15000SE	EL-DG15.5/15SE	15.5	15	30	≤250	8

ELECTRICAL DIESEL GENERATOR EL-DG SILENT SERIES, 30KW



Silent type
EL-DG38/30SE- with canopy

TECHNICAL DATA

- Models: EL-DG38/30SE- SILENT with canopy
- Max. output: 38kW
- Rated output: 30kW
- Frequency: 50Hz
- Output voltage: 220/380V
- Phase / wire: 3 phase / 4 wire
- Power factor: 0.8
- Starting method: Electric
- Automatic voltage regulator (AVR): ≤1
- Engine Type: Water-cooled, inline, 4-stroke, direct injection
- Intake type: Naturally-aspirated
- Noise Level (7m): 85DB
- Fuel tank capacity: 65L
- Continuous running time: 9h
- Combustion system: direct injection
- Min. specific fuel consumption at full load (g/kW.h): ≤235
- Dimension (LxWxH): 2100x900x1350mm
- Net weight: 950kg

Catalogue number	Model	Rated power (kW)	Max. Power (kW)	Fuel tank capacity (L)	Fuel consumption (g/(kW·h))	Running time (h)
45DG30000SE	EL-DG38/30SE	30	38	65	≤235	9

Scan each QR code to see product price and availability.

ELECTRICAL DIESEL GENERATORS EL-DF SERIES

A diesel generator is machinery that converts the chemical energy in diesel to electrical energy and is used to power electrical equipment. They can be used to supply a range of applications such as homes, schools, factories, hospitals and other.
Diesel generators are available with and without canopy. Canopies are made of galvanized 3 mm metal sheets. The painting is done by nano technology electronic powder coating technique. Galvanized metal sheets are durable against rust. On the doors of canopies are used stainless steel hinges and locks. In canopies, high levels of sound muting type of silence are located in an isolated area to insulate heat which included exhaust pipes and exhaust itself.

ELECTRICAL DIESEL GENERATORS EL-DF SERIES WITH CANOPY



Catalogue number	Model	Power stand by (kVA/kW)	Power prime (kVA/kW)	Output voltage (V)	Length (mm)	Width (mm)	Height (mm)
45DG55/44C	EL-DF55C	55/44	50/40	400/230	2400	1000	1800
45DG75/60C	EL-DF75C	75/60	68/55	400/230	2400	1000	1800
45DG94/75C	EL-DF94C	94/75	85/68	400/230	2700	1100	1800
45DG110/88C	EL-DF110C	110/88	100/80	400/230	3100	1100	1880
45DG150/120C	EL-DF150C	150/120	136/109	400/230	3100	1100	1880
45DG175/140C	EL-DF175C	175/140	159/127	400/230	3100	1100	1880

ELECTRICAL DIESEL GENERATORS EL-DF SERIES WITHOUT CANOPY



Catalogue number	Model	Power stand by (kVA/kW)	Power prime (kVA/kW)	Output voltage (V)	Length (mm)	Width (mm)	Height (mm)
45DG55/44	EL-DF55	55/44	50/40	400/230	2000	1000	1700
45DG75/60	EL-DF75	75/60	68/55	400/230	2000	1000	1800
45DG94/75	EL-DF94	94/75	85/68	400/230	2150	1100	1800
45DG110/88	EL-DF110	110/88	100/80	400/230	2500	1100	1780
45DG150/120	EL-DF150	150/120	136/109	400/230	2500	1100	1780
45DG175/140	EL-DF175	175/140	159/127	400/230	2500	1100	1780

3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

KITCHEN APPLIANCES

BUILT-IN KITCHEN APPLIANCES

OVENS





Product Advantages

- Microwave-assisted Cooking
- Steam-assisted Cooking
- Automatic Cooking Programs
- Graphene Heating Technology
- Advanced Cleaning System
- Energy Efficiency

ELMARK
The Brand of Electricity

50L BUILT-IN OVEN 45CM WITH GRILL, CONVECTION, MICROWAVE AND STEAM, EL-TR850E4GQ



CAT. NO: 300155

TECHNICAL DATA

- Rated voltage: 220-240V
- Max. power: 3000W
- Oven capacity: 50L
- Energy class: A+
- Temperature range: 30-250°C
- Lighting: Halogen + side flat lamp
- Door: Black glass with steel trim
- Handle colour: H42 Dark Inox
- Control type: LED touch control
- Timer type: Electronic oven clock
- Shelf positions: 4
- Power cable length: 1.5m
- Oven size (WxDxH): 595x568x454mm

FEATURES

- 96 mm height control panel
- LED touch control
- LED display
- Quadruple glazed glass door
- Full glass inner door
- Electronic child safety lock
- Forced cooling system
- Electronic oven clock timer
- Wide temperature range
- Multiple functions

ADDITIONAL ACCESSORIES

- 1x Glass tray
- 1x Deep enamel tray



Conventional function

The top and bottom elements work together to provide conventional cooking. The oven needs to be pre-heated to the required temperature ideal for slow cooking dishes such as casseroles and stews.

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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Scan each QR code to see product price and availability.

FUNCTIONS

- Lamp
- Traditional baking (Top & Bottom heat)
- Radiant heat (Grill)
- Double grill
- Double grill + fan
- Bottom heat/bake
- Convection
- Top & Bottom heat + fan
- Bottom heat/bake + fan
- Pizza
- Keep warm
- Drying
- Defrost
- Plate warm
- Fast preheating
- Dough Proving
- ECO
- Microwave
- Steam



Bottom heat

A concealed element in the bottom of the oven provides a more concentrated heat to the base of food without browning. This is ideal for slow cooking dishes such as casseroles and stews.



Large grill with fan

The combination of the fan and two top elements provide more even heat penetration. Dishes are lightly browned on the outside and still moist on the inside. Ideal for a gratin dishes and finishing roasted vegetables.



Convection

The element around the convection fan provides additional heat source for more cooking possibilities evenly and quickly. It is also key to multi-level cooking with the uniform heat distributing.



Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

70L BUILT-IN OVEN 60CM WITH PYROLYTIC, EL-7NP30T0



CAT. NO: 300154



Convection

The element around the convection fan provides additional heat source for more cooking possibilities evenly and quickly. This function allows multi-level cooking.

TECHNICAL DATA

- Rated voltage: 220-240V
- Max. power: 3200W
- Oven capacity: 70L
- Energy class: A+
- Temperature range: 30-250°C
- Lighting: Halogen + side flat lamp
- Door: Fully black glass
- Handle colour: H42 Dark Inox
- Control type: LED touch control
- Timer type: Electronic oven clock
- Shelf positions: 5
- Power cable length: 1 m
- Oven size (WxDxH): 595x565x595mm

FEATURES

- 96 mm height control panel
- LED touch control
- LED display
- Quadruple glazed glass door
- Full glass inner door
- Electronic child safety lock
- Forced cooling system
- Electronic oven clock timer
- 1 pair 100% telescopic shelf supports
- Soft close/open door
- Easy clean
- Wide temperature range
- Multiple functions

ADDITIONAL ACCESSORIES

- 1x Shallow tray
- 1x Deep enamel tray
- 1x Gril rack
- 1x Combination grill

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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Scan each QR code to see product price and availability.

FUNCTIONS

- Lamp
- Traditional baking (Top & Bottom heat)
- Radiant heat (Grill)
- Double grill
- Double grill + fan
- Bottom heat/bake
- Convection
- Top & Bottom heat + fan
- Pizza
- Defrost
- Fast preheating
- Dough Proofing
- ECO
- Pyro



Conventional function

The top and bottom elements work together to provide conventional cooking. The oven needs to be pre-heated to the required temperature ideal for slow cooking dishes such as casseroles and stews.



Pizza

Pizza is perfectly cooked with extra heat from both bottom and sides of the oven, guaranteeing pizza bases are crispy.



Dough proofing

This function provides a warm environment, perfect for proving yeast dough while improving the texture and quality of pastry foods, such as cakes and breads.



Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

75L BUILT-IN OVEN 60CM, EL-750106



CAT. NO: 300150

FUNCTIONS

- Lamp
- ECO mode
- Defrost
- Pure convectional baking
- Half grill
- Half grill + fan



TECHNICAL DATA

- Rated voltage: 220-240V / 50Hz
- Max. power: 2000W
- Top inner heater: 1600W
- Rear heater: 2000W
- Convection fan: 33W
- Inner light: 25W
- Oven capacity: 75L
- Energy class: A
- Door: Fully black glass
- Control type: Rotary
- Timer: 120min
- Shelf positions: 5
- Type of shelf support: moulded
- Oven size (WxDxH): 595x575x595mm

FEATURES

- Economic model
- All basic function
- Big oven capacity
- Three layer door glass
- Removable door
- Easy door glass cleaning

ADDITIONAL ACCESSORIES

- 1x Drip tray
- 1x Sliding ware

5 YEARS TOTAL WARRANTY
2 standard + 3 extended



Grill with fan

The combination of the fan and two top elements provide more even heat penetration. Dishes are lightly browned on the outside and still moist on the inside.

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Scan each QR code to see product price and availability.

75L BUILT-IN OVEN 60CM, EL-E750309



CAT. NO: 300151

TECHNICAL DATA

- Rated voltage: 220-240V / 50Hz
- Max. power: 2800W
- Top inner heater: 1600W
- Bottom heater: 800W
- Rear heater: 2000W
- Convection fan: 33W
- Inner light: 25W
- Oven capacity: 75L
- Energy class: A
- Door: Fully black glass
- Control type: Push + Electronic
- Timer: 24Hr
- Shelf positions: 5
- Type of shelf support: moulded
- Oven size (WxDxH): 595x575x595mm

FEATURES

- 9 function
- Big oven capacity
- Three layer door glass
- Removable door
- Easy door glass cleaning

ADDITIONAL ACCESSORIES

- 1x Drip tray
- 1x Sliding ware

FUNCTIONS

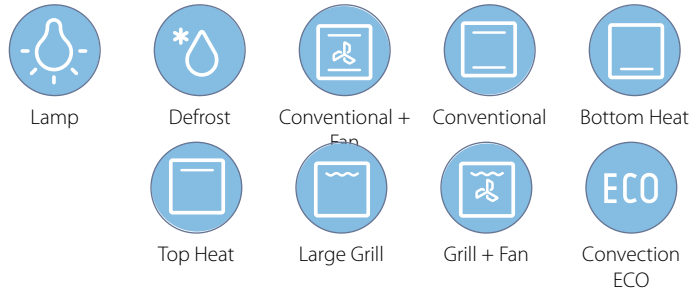
- Lamp
- ECO mode
- Defrost
- Traditional baking (Top & Bottom heat)
- Top & Bottom heat + fan
- Pizza
- Pure convectional baking
- Full grill
- Full grill + fan

5 YEARS TOTAL WARRANTY
2 standard + 3 extended



Pizza

Pizza is perfectly cooked with extra heat from both bottom and sides of the oven, guaranteeing pizza bases are crispy.



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Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

75L BUILT-IN TUYA SMART OVEN 60CM, EL-E750311L



CAT. NO: 300152

TECHNICAL DATA

- Rated voltage: 220-240V / 50Hz
- Max. power: 2800W
- Top inner heater: 1600W
- Top outer heater: 1200W
- Bottom heater: 800W
- Rear heater: 2000W
- Convection fan: 33W
- Inner light: 25W
- Oven capacity: 75L
- Energy class: A
- Door: Fully black glass
- Control type: LED luminous knob + WiFi
- Timer: 24Hr
- Shelf positions: 5
- Type of shelf support: Moulded
- Oven size (WxDxH): 595x575x595mm

FEATURES

- Control via smartphone
- Wide function range
- Big oven capacity
- Three layer door glass
- Removable door
- Child lock
- Start delay

ADDITIONAL ACCESSORIES

- 1x Glass tray
- 1x Deep enamel tray

5 YEARS TOTAL WARRANTY
2 standard + 3 extended



Control on-the-go

You can monitor and adjust the temperature of the oven while you are on your way back home - all can be done on the mobile devices.

Download "Tuya smart" Application.
Full info for the products, instructions can be found at www.elmarkholding.eu

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Scan each QR code to see product price and availability.

FUNCTIONS

- Lamp
- ECO mode
- Defrost
- Traditional baking (Top & Bottom heat)
- Top & Bottom heat + fan
- Top heating
- Pizza
- Pure convectional baking
- Half grill
- Full grill
- Full grill + fan
- Bottom heating



Bottom heat

A concealed element in the bottom of the oven provides a more concentrated heat to the base of food without browning. This is ideal for slow cooking dishes such as casseroles and stews.



Grill with fan

The combination of the fan and two top elements provide more even heat penetration.



Convection

The element around the convection fan provides additional heat source for more cooking possibilities evenly and quickly. It is also key to multi-level cooking with the uniform heat distributing.



Too heat

For a mouth-watering food finish, the top element browns gently for great results.



Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

75L BUILT-IN TUYA SMART OVEN 60CM, EL-750114L



CAT. NO: 300153

TECHNICAL DATA

- Rated voltage: 220-240V / 50Hz
- Max. power: 2800W
- Top inner heater: 1600W
- Top outer heater: 1200W
- Bottom heater: 800W
- Rear heater: 2000W
- Convection fan: 33W
- Inner light: 25W
- Steam heating power: 1500W
- Oven capacity: 75L
- Energy class: A
- Door: Fully black glass
- Control type: Rotary knob and touch
- Timer: 120min
- Shelf positions: 5
- Type of shelf support: side rack
- Oven size (WxDxH): 595x575x595mm

FEATURES

- Control via smartphone
- Wide function range
- Big oven capacity
- Three layer door glass
- Removable door
- Steam clean
- Start delay

ADDITIONAL ACCESSORIES

- 1x Glass tray
- 1x Sliding ware



5 YEARS TOTAL WARRANTY
2 standard + 3 extended

Control on-the-go

You can monitor and adjust the temperature of the oven while you are on your way back home - all can be done on the mobile devices.

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FUNCTIONS

- Lamp
- ECO mode
- Defrost
- Traditional baking (Top & Bottom heat)
- Top & Bottom heat + fan
- Top heating
- Pizza
- Pure convectional baking
- Full grill
- Full grill + fan
- Bottom heating
- Fast heating
- Fan assisted Rotisserie
- Convectional baking+steam
- Fan assisted grill+steam
- Pure convectional baking+steam
- Pizza function+steam



Bottom heat

A concealed element in the bottom of the oven provides a more concentrated heat to the base of food without browning. This is ideal for slow cooking dishes such as casseroles and stews.



Convection

The element around the convection fan provides additional heat source for more cooking possibilities evenly and quickly. It is also key to multi-level cooking with the uniform heat distributing.



Steam assisted cooking

High temperature steam envelops the food gently which reduces fat and excessive oil of the food while retains most nutrition, leaving fresh, healthy and tas dishes.



Scan each QR code to see product price and availability.

KITCHEN APPLIANCES

BUILT-IN KITCHEN APPLIANCES

HOBS





Products

- Induction Hobs
- Glass Gas Hobs

Product Advantages

- Heat efficiency
- Fast cooking
- Uniform heating with even coil distribution
- Can be adapted to all cookware
- Durable high-intensity panel

ELMARK
The Brand of Electricity

2 ZONE BUILT-IN INDUCTION HOB 30CM, EL-ID3592



control panel



CAT. NO: 300080

FEATURES

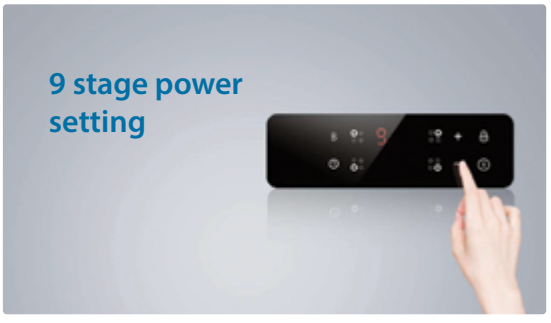
- 9 Power levels with Boost Function
- 99-minute timer
- Flexible area control
- Slider sense touch control
- Pan sensor
- Over heating protection
- Automatic safety switch off
- Residual heat indicators
- Child lock
- Pause function (STOP and GO)
- Water-proof design

TECHNICAL DATA

- Rated voltage: 220-240V / 50-60Hz
- Total power: 3500W
- Glass size: 288x520mm
- Built-in size: 268x500mm
- Net weight: 4.33kg

5 YEARS TOTAL WARRANTY
2 standard + 3 extended







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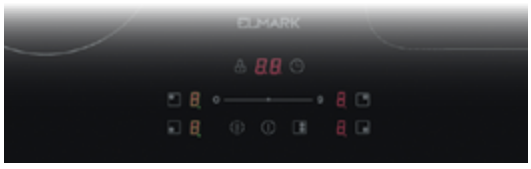
Scan each QR code to see product price and availability.

4 ZONE BUILT-IN INDUCTION HOB 60CM, EL-IF7454



control panel



CAT. NO: 300081

FEATURES

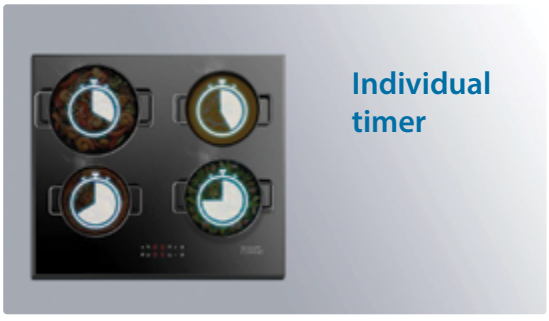
- Slider touch control
- 9 Power levels with Boost Function
- Boost function
- Automatic safety switch off
- Overheat protection
- Pan sensor
- Residual heat indicators
- Child lock
- Individual zone timer
- Flexible area control

TECHNICAL DATA

- Rated voltage: 220-240V / 380-415V
- Frequency: 50-60Hz
- Total power: 7400W
- Left front diameter/power (mm/W): 160/1400
- Left rear diameter/power (mm/W): 210/2400
- Right front diameter/power (mm/W): 180/1800
- Right rear diameter/power (mm/W): 180/1800
- Right flexible area size/power (mm/W): 386 x 180/3600
- Product size: 590x520x62mm
- Built-in size: 560x490mm
- Net weight: 8.6kg

5 YEARS TOTAL WARRANTY
2 standard + 3 extended





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ELMARK
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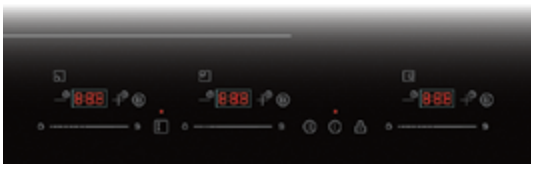
ULTRA-THIN BUILT-IN DUAL FLEXIBLE COOKING ZONE INDUCTION HOB 60CM, EL-6T74



control panel



CAT. NO: 300082

FEATURES

- Ultra-thin design
- Low noise under 46dB
- Uniformed heating
- Power boost
- 9 Power levels
- Automatic safety switch off
- Overheat protection
- Pan sensor
- Residual heat indicators
- Child lock
- Individual zone timer: 3h 59m
- Flexible area control
- Pause function (STOP and GO)

5 YEARS TOTAL WARRANTY
2 standard + 3 extended



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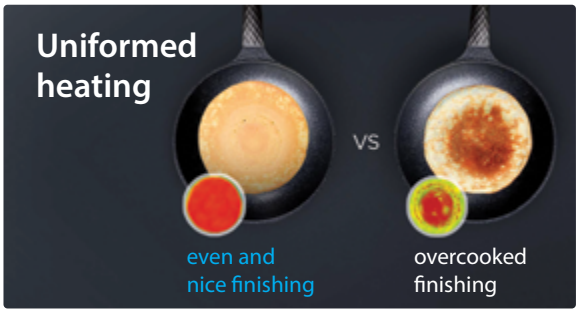
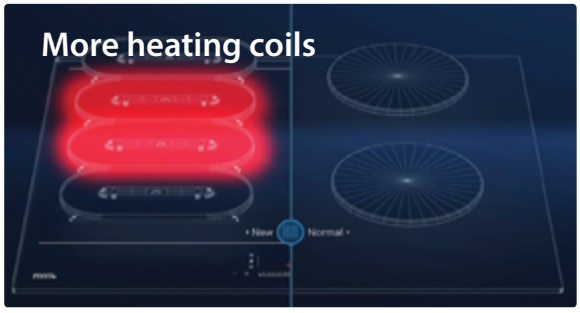
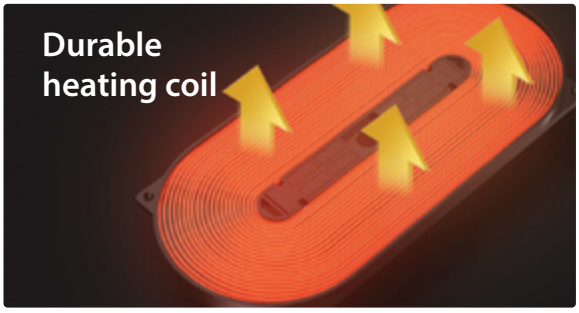
Scan each QR code to see product price and availability.

TECHNICAL DATA

- Rated voltage: 220-240V / 380-415V
- Frequency: 50-60Hz
- Total power: 7400W
- Left flex zone size/power (mm/W): 380x210/3700
- Right center diameter/power (mm/W): 280/3800
- Product size: 590x520x52mm
- Built-in size: 560x480mm
- Net weight: 8.6kg









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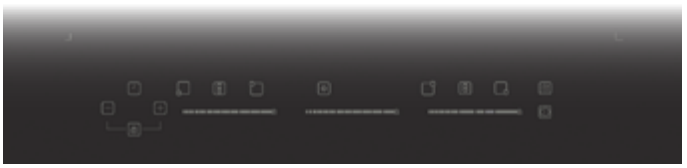
Scan each QR code to see product price and availability.

BUILT-IN DUAL FIVE ZONE INDUCTION HOB 90CM, EL-IV7243



control panel



CAT. NO: 300083

TECHNICAL DATA

- Rated voltage: 220-240V / 380-415V
- Frequency: 50-60Hz
- Total power: 7200W
- Left/right zone size/power (mm/W): 4x180/4x1800
- Center zone size/power (mm/W): 280/2200
- Product size: 900x520x60mm
- Built-in size: 860x480mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

FEATURES

- 5 boost
- 3 individual sliders touch control
- 2 bridge zones
- 9 Power levels
- Automatic safety switch off
- Residual heat indicators
- Child lock









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Scan each QR code to see product price and availability.

GAS HOBS



ELMARK
The Brand of Electricity

BUILT-IN GLASS GAS HOB WITH 2 ZONE 30CM, EL-30GB095



CAT. NO: 300070



TECHNICAL DATA

- Supply Voltage: 220-240V/50-60Hz
- Cooking areas: 2
- Rapid burner: 1x3kW
- Auxiliary burner: 1x1kW
- Ignition type: Continuous
- Gas connection: R 1/2 thread
- Surface material: Tempered glass/T=6mm
- Surface color: Black
- Burner Cap: Enamel
- Drip tray: Enamel
- Pan support material: Cast Iron D35
- Knob location: Frontal
- Knob colour: Metal silver & black
- Product size: 520x300x90mm
- Installation size: 262x480mm
- Mounting: Built-in
- Supply voltage cable length: 1000mm
- Electronic ignition: Yes
- Flame Failure Device: Yes

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

INCLUDED ACCESSORIES:

- Mounting brackets
- Sponge
- Mounting screws
- Injector
- Gas pipe bend



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Scan each QR code to see product price and availability.

BUILT-IN GLASS GAS HOB WITH 4 ZONE 60CM, EL-60GH096



CAT. NO: 300071

INCLUDED ACCESSORIES:

- Mounting brackets
- Sponge
- Mounting screws
- Injector
- Gas pipe bend

TECHNICAL DATA

- Supply Voltage: 220-240V/50-60Hz
- Cooking areas: 4
- Rapid burner: 1x3kW
- Semi-rapid burner: 2x1.75kW
- Auxiliary burner: 1x1kW
- Ignition type: Continuous
- Gas connection: R 1/2 thread
- Surface material: Tempered glass/T=6mm
- Surface color: Black
- Burner Cap: Enamel
- Drip tray: Enamel
- Pan support material: Cast Iron D47
- Knob location: Frontal
- Knob colour: Metal silver & black
- Product size: 600x515x90mm
- Installation size: 560x480mm
- Mounting: Built-in
- Supply voltage cable length: 1000mm
- Electronic ignition: Yes
- Flame Failure Device: Yes

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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ELMARK
The Brand of Electricity

BUILT-IN GLASS GAS HOB WITH 4 ZONE 60CM, EL-60GH096W



CAT. NO: 300072



TECHNICAL DATA

- Supply Voltage: 220-240V/50-60Hz
- Cooking areas: 4
- Triple ring WOK burner: 1x3.3kW
- Semi-rapid burner: 2x1.75kW
- Auxiliary burner: 1x1kW
- Ignition type: Continuous
- Gas connection: R 1/2 thread
- Surface material: Tempered glass/T=6mm
- Surface color: Black
- Burner Cap: Enamel
- Drip tray: Enamel
- Pan support material: Cast Iron D47
- Knob location: Frontal
- Knob colour: Metal silver & black
- Product size: 600x515x90mm
- Installation size: 560x480mm
- Mounting: Built-in
- Supply voltage cable length: 1000mm
- Electronic ignition: Yes
- Flame Failure Device: Yes

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

INCLUDED ACCESSORIES:

- Mounting brackets
- Sponge
- Mounting screws
- Injector
- Gas pipe bend



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Scan each QR code to see product price and availability.

BUILT-IN GLASS GAS HOB WITH 5 ZONE 75CM, EL-75GQ095



CAT. NO: 300073

INCLUDED ACCESSORIES:

- Mounting brackets
- Sponge
- Mounting screws
- Injector
- Gas pipe bend

TECHNICAL DATA

- Supply Voltage: 220-240V/50-60Hz
- Cooking areas: 5
- Triple ring WOK burner: 1x3.3kW
- Rapid burner: 1x3kW
- Semi-rapid burner: 2x1.75kW
- Auxiliary burner: 1x1kW
- Ignition type: Continuous
- Gas connection: R 1/2 thread
- Surface material: Tempered glass/T=6mm
- Surface color: Black
- Burner Cap: Enamel
- Drip tray: Enamel
- Pan support material: Cast Iron D47
- Knob location: Frontal
- Knob colour: Metal silver & black
- Product size: 750x510x90mm
- Installation size: 560x480mm
- Mounting: Built-in
- Supply voltage cable length: 1000mm
- Electronic ignition: Yes
- Flame Failure Device: Yes

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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KITCHEN APPLIANCES

BUILT-IN KITCHEN APPLIANCES

COOKER HOODS





Products

- Wall Cooker Hoods
- Telescopic Hoods
- Pyramid Hoods
- T-Shape Hoods
- Angle Hoods
- Island Hoods

ELMARK
The Brand of Electricity

STANDARD WALL COOKER HOOD 310M³/H WITH CHARCOAL FILTER, EL-60F49WH



C

CAT. NO: 300020

TECHNICAL DATA

- Rated voltage: 220-240V
- Frequency: 50/60Hz
- Motor power: 100W
- Lamp power: 1x1,5W LED lamp
- Total power: 101,5W
- Speed control level: 3
- Air flow: 310(m³/h)
- Air outlet diameter: 120mm
- Noise level: 65dB
- Power cord length: 1100mm
- Control type: Mechanical with push button
- Charcoal filters: 2pcs, included
- Charcoal filters type: EL-CF01
- Front glass deflector: Included
- Energy class: C
- Colour: White
- Product size (LxWxH): 600x500x140mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

**Produced for ELMARK by Midea. Rules for after-sales service of all home appliances can be find on www.elmarkholding.eu*

Scan each QR code to see product price and availability.

STANDARD WALL COOKER HOOD 310M³/H WITH CHARCOAL FILTER, EL-60F49S



C

CAT. NO: 300021

TECHNICAL DATA

- Rated voltage: 220-240V
- Frequency: 50/60Hz
- Motor power: 100W
- Lamp power: 1x1,5W LED lamp
- Total power: 101,5W
- Speed control level: 3
- Air flow: 310(m^3/h)
- Air outlet diameter: 120mm
- Noise level: 65dB
- Power cord length: 1100mm
- Control type: Mechanical with push button
- Charcoal filters: 2pcs, included
- Charcoal filters type: EL-CF01
- Front glass deflector: Included
- Energy class: C
- Colour: Silver
- Product size (LxWxH): 600x500x140mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

TELESCOPIC HOOD 400M³/H WITH CHARCOAL FILTER, EL-60L03WH



CAT. NO: 300022

TECHNICAL DATA

- Rated voltage: 220-240V
- Frequency: 50/60Hz
- Motor power: 105W
- Lamp power: 1x1,5W LED lamp
- Total power: 106,5W
- Speed control level: 2
- Air flow: 400(m^3/h)
- Air outlet diameter: 150mm
- Noise level: 66dB
- Power cord length: 1850mm
- Control type: Rocker switch
- Charcoal filters: 2pcs, included
- Charcoal filters type: EL-CF02
- Front glass deflector: White, included
- Energy class: B
- Colour: White
- Installation method: Integrated,Telescopic
- Product size (LxWxH): 595x308x175mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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TELESCOPIC HOOD 400M³/H WITH CHARCOAL FILTER, EL-60L03BL



CAT. NO: 300023

TECHNICAL DATA

- Rated voltage: 220-240V
- Frequency: 50/60Hz
- Motor power: 105W
- Lamp power: 1x1,5W LED lamp
- Total power: 106,5W
- Speed control level: 2
- Air flow: 400(m^3/h)
- Air outlet diameter: 150mm
- Noise level: 66dB
- Power cord length: 1850mm
- Control type: Rocker switch
- Charcoal filters: 2pcs, included
- Charcoal filters type: EL-CF02
- Front glass deflector: Black, included
- Energy class: B
- Colour: Black
- Installation method: Integrated,Telescopic
- Product size (LxWxH): 595x308x175mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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ELMARK
The Brand of Electricity

TELESCOPIC HOOD 400M³/H WITH CHARCOAL FILTER, EL-60L03S



B

CAT. NO: 300024

TECHNICAL DATA

- Rated voltage: 220-240V
- Frequency: 50/60Hz
- Motor power: 105W
- Lamp power: 1x1,5W LED lamp
- Total power: 106,5W
- Speed control level: 2
- Air flow: 400(m^3/h)
- Air outlet diameter: 150mm
- Noise level: 66dB
- Power cord length: 1850mm
- Control type: Rocker switch
- Charcoal filters: 2pcs, included
- Charcoal filters type: EL-CF02
- Front glass deflector: Stainless steel, included
- Energy class: B
- Colour: Silver
- Installation method: Integrated,Telescopic
- Product size (LxWxH): 595x308x175mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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Scan each QR code to see product price and availability.

TELESCOPIC HOOD 550M³/H WITH CHARCOAL FILTER, EL-60L07BL



B

CAT. NO: 300025

TECHNICAL DATA

- Rated voltage: 220-240V
- Frequency: 50/60Hz
- Motor power: 210W
- Lamp power: 1x1,5W LED lamp
- Total power: 211,5W
- Speed control level: 3
- Air flow: 550(m^3/h)
- Air outlet diameter: 150mm
- Noise level: 66dB
- Power cord length: 1850mm
- Control type: Touch
- Charcoal filters: 2pcs, included
- Charcoal filters type: EL-CF03
- Front glass deflector: Black - Included
- Energy class: B
- Colour: Black
- Installation method: Intergrated,Telescopic
- Product size (LxWxH): 595x308x255mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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Scan each QR code to see product price and availability.

ELMARK
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TELESCOPIC HOOD 630M³/H WITH CHARCOAL FILTER, EL-60L07WH



C

CAT. NO: 300026

TECHNICAL DATA

- Rated voltage: 220-240V
- Frequency: 50/60Hz
- Motor power: 215W
- Lamp power: 1x1,5W LED lamp
- Total power: 216,5W
- Speed control level: 2
- Air flow: 630(m^3/h)
- Air outlet diameter: 150mm
- Noise level: 65dB
- Power cord length: 1850mm
- Control type: Rocker switch
- Charcoal filters: 2pcs, included
- Charcoal filters type: EL-CF03
- Front glass deflector: White, included
- Energy class: C
- Colour: White
- Installation method: Integrated,Telescopic
- Product size (LxWxH): 595x308x255mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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Scan each QR code to see product price and availability.

TELESCOPIC HOOD 630M³/H WITH CHARCOAL FILTER, EL-60L07S



C

CAT. NO: 300027

TECHNICAL DATA

- Rated voltage: 220-240V
- Frequency: 50/60Hz
- Motor power: 215W
- Lamp power: 1x1,5W LED lamp
- Total power: 216,5W
- Speed control level: 2
- Air flow: 630(m^3/h)
- Air outlet diameter: 150mm
- Noise level: 65dB
- Power cord length: 1850mm
- Control type: Rocker switch
- Charcoal filters: 2pcs, included
- Charcoal filters type: EL-CF03
- Front glass deflector: Stainless steel, included
- Energy class: C
- Colour: Silver
- Installation method: Integrated,Telescopic
- Product size (LxWxH): 595x308x255mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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PYRAMID HOOD 330M³/H WITH CHARCOAL FILTER, EL-60A17S



CAT. NO: 300028

TECHNICAL DATA

- Rated voltage: 220-240V
- Frequency: 50/60Hz
- Motor power: 65W
- Lamp power: 1x1,5W LED lamp
- Total power: 66,5W
- Speed control level: 3
- Air flow: 330(m^3/h)
- Air outlet diameter: 150mm
- Noise level: 67dB
- Power cord length: 1100mm
- Control type: Push button
- Charcoal filters: 2pcs, included
- Charcoal filters type: EL-CF03
- Energy class: B
- Colour: Silver
- Installation method: Pyramid
- Product size (LxWxH): 600x450x569mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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Scan each QR code to see product price and availability.

PYRAMID HOOD 440M³/H WITH CHARCOAL FILTER, EL-60A09WH



CAT. NO: 300029

TECHNICAL DATA

- Rated voltage: 220-240V
- Frequency: 50/60Hz
- Motor power: 105W
- Lamp power: 2x1,5W LED lamp
- Total power: 108W
- Speed control level: 3
- Air flow: 440(m^3/h)
- Air outlet diameter: 150mm
- Noise level: 67dB
- Power cord length: 1100mm
- Control type: Push button
- Charcoal filters: 2pcs, included
- Charcoal filters type: EL-CF03
- Energy class: C
- Colour: White
- Installation method: Pyramid
- Product size (LxWxH): 600x500x690mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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PYRAMID HOOD 440M³/H WITH CHARCOAL FILTER, EL-60A09BL



CAT. NO: 300030

TECHNICAL DATA

- Rated voltage: 220-240V
- Frequency: 50/60Hz
- Motor power: 105W
- Lamp power: 2x1,5W LED lamp
- Total power: 108W
- Speed control level: 3
- Air flow: 440(m^3/h)
- Air outlet diameter: 150mm
- Noise level: 67dB
- Power cord length: 1100mm
- Control type: Push button
- Charcoal filters: 2pcs, included
- Charcoal filters type: EL-CF03
- Energy class: C
- Colour: Black
- Installation method: Pyramid
- Product size (LxWxH): 600x500x690mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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Scan each QR code to see product price and availability.

PYRAMID HOOD 440M³/H WITH CHARCOAL FILTER, EL-60A09S



CAT. NO: 300031

TECHNICAL DATA

- Rated voltage: 220-240V
- Frequency: 50/60Hz
- Motor power: 105W
- Lamp power: 2x1,5W LED lamp
- Total power: 108W
- Speed control level: 3
- Air flow: 440(m^3/h)
- Air outlet diameter: 150mm
- Noise level: 67dB
- Power cord length: 1100mm
- Control type: Push button
- Charcoal filters: 2pcs, included
- Charcoal filters type: EL-CF03
- Energy class: C
- Colour: Silver
- Installation method: Pyramid
- Product size (LxWxH): 600x500x690mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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The Brand of Electricity

PYRAMID HOOD 440M³/H WITH CHARCOAL FILTER, EL-90A09WH



CAT. NO: 300033

TECHNICAL DATA

- Rated voltage: 220-240V
- Frequency: 50/60Hz
- Motor power: 105W
- Lamp power: 2x1,5W LED lamp
- Total power: 108W
- Speed control level: 3
- Air flow: 440(m^3/h)
- Air outlet diameter: 150mm
- Noise level: 68dB
- Power cord length: 1100mm
- Control type: Push button
- Charcoal filters: 2pcs, included
- Charcoal filters type: EL-CF03
- Energy class: C
- Colour: White
- Installation method: Pyramid
- Product size (LxWxH): 900x500x690mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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Scan each QR code to see product price and availability.

PYRAMID HOOD 440M³/H WITH CHARCOAL FILTER, EL-90A09BL



CAT. NO: 300034

TECHNICAL DATA

- Rated voltage: 220-240V
- Frequency: 50/60Hz
- Motor power: 105W
- Lamp power: 2x1,5W LED lamp
- Total power: 108W
- Speed control level: 3
- Air flow: 440(m^3/h)
- Air outlet diameter: 150mm
- Noise level: 68dB
- Power cord length: 1100mm
- Control type: Push button
- Charcoal filters: 2pcs, included
- Charcoal filters type: EL-CF03
- Energy class: C
- Colour: Black
- Installation method: Pyramid
- Product size (LxWxH): 900x500x690mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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Scan each QR code to see product price and availability.

ELMARK
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PYRAMID HOOD 440M³/H WITH CHARCOAL FILTER, EL-90A09S



C

CAT. NO: 300035

TECHNICAL DATA

- Rated voltage: 220-240V
- Frequency: 50/60Hz
- Motor power: 105W
- Lamp power: 2x1,5W LED lamp
- Total power: 108W
- Speed control level: 3
- Air flow: 440(m³/h)
- Air outlet diameter: 150mm
- Noise level: 68dB
- Power cord length: 1100mm
- Control type: Push button
- Charcoal filters: 2pcs, included
- Charcoal filters type: EL-CF03
- Energy class: C
- Colour: Silver
- Installation method: Pyramid
- Product size (LxWxH): 900x500x690mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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Scan each QR code to see product price and availability.

T-SHAPE HOOD 340M³/H WITH CHARCOAL FILTER, EL-60M17S



CAT. NO: 300032

TECHNICAL DATA

- Rated voltage: 220-240V
- Frequency: 50/60Hz
- Motor power: 65W
- Lamp power: 1x1,5W LED lamp
- Total power: 66.5W
- Speed control level: 3
- Air flow: 340(m^3/h)
- Air outlet diameter: 150mm
- Noise level: 68dB
- Power cord length: 1100mm
- Control type: Mechanical
- Charcoal filters: 2pcs, included
- Charcoal filters type: EL-CF02
- Energy class: B
- Colour: Silver
- Installation method: T-shape
- Product size (LxWxH): 600x450x430mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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Scan each QR code to see product price and availability.

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T-SHAPE HOOD 800M³/H WITH CHARCOAL FILTER, EL-90M79BL



A

CAT. NO: 300036

TECHNICAL DATA

- Rated voltage: 220-240V
- Frequency: 50/60Hz
- Motor power: 250W
- Lamp power: 2x1,5W LED lamp
- Total power: 253W
- Speed control level: 4
- Air flow: 800(m^3/h)
- Air outlet diameter: 150mm
- Noise level: 66dB
- Power cord length: 1100mm
- Control type: Touch
- Charcoal filters: 2pcs, included
- Charcoal filters type: EL-CF03
- Energy class: A
- Colour: Silver & Black
- Installation method: T-shape
- Product size (LxWxH): 900x500x450mm

ADDITIONAL FUNCTIONS

- Booster
- Hand wave control

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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Scan each QR code to see product price and availability.

ANGLE HOOD 800M³/H WITH CHARCOAL FILTER, EL-60J72BL



A

CAT. NO: 300037

TECHNICAL DATA

- Rated voltage: 220-240V
- Frequency: 50/60Hz
- Motor power: 250W
- Lamp power: 2x1,5W LED lamp
- Total power: 253W
- Speed control level: 4
- Air flow: 800(m^3/h)
- Air outlet diameter: 150mm
- Noise level: 66dB
- Power cord length: 1100mm
- Control type: Touch
- Charcoal filters: 2pcs, included
- Charcoal filters type: EL-CF03
- Energy class: A
- Colour: Black
- Installation method: Angle
- Product size (LxWxH): 600x430x415mm

ADDITIONAL FUNCTIONS

- Booster
- Hand wave control

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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ANGLE HOOD 800M³/H WITH CHARCOAL FILTER, EL-60J72WH



CAT. NO: 300038

TECHNICAL DATA

- Rated voltage: 220-240V
- Frequency: 50/60Hz
- Motor power: 250W
- Lamp power: 2x1,5W LED lamp
- Total power: 253W
- Speed control level: 4
- Air flow: 800(m^3/h)
- Air outlet diameter: 150mm
- Noise level: 66dB
- Power cord length: 1100mm
- Control type: Touch
- Charcoal filters: 2pcs, included
- Charcoal filters type: EL-CF03
- Energy class: A
- Colour: White
- Installation method: Angle
- Product size (LxWxH): 600x430x415mm

ADDITIONAL FUNCTIONS

- Booster
- Hand wave control

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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Scan each QR code to see product price and availability.

ANGLE HOOD 800M³/H WITH CHARCOAL FILTER, EL-90J72BL



CAT. NO: 300039

TECHNICAL DATA

- Rated voltage: 220-240V
- Frequency: 50/60Hz
- Motor power: 250W
- Lamp power: 2x1,5W LED lamp
- Total power: 253W
- Speed control level: 4
- Air flow: 800(m^3/h)
- Air outlet diameter: 150mm
- Noise level: 64dB
- Power cord length: 1100mm
- Control type: Touch
- Charcoal filters: 2pcs, included
- Charcoal filters type: EL-CF03
- Energy class: A
- Colour: Black
- Installation method: Angle
- Product size (LxWxH): 896x430x415mm

ADDITIONAL FUNCTIONS

- Booster
- Hand wave control

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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Scan each QR code to see product price and availability.

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The Brand of Electricity

ANGLE HOOD 800M³/H WITH CHARCOAL FILTER, EL-90J72WH



CAT. NO: 300040

TECHNICAL DATA

- Rated voltage: 220-240V
- Frequency: 50/60Hz
- Motor power: 250W
- Lamp power: 2x1,5W LED lamp
- Total power: 253W
- Speed control level: 4
- Air flow: 800(m^3/h)
- Air outlet diameter: 150mm
- Noise level: 64dB
- Power cord length: 1100mm
- Control type: Touch
- Charcoal filters: 2pcs, included
- Charcoal filters type: EL-CF03
- Energy class: A
- Colour: White
- Installation method: Angle
- Product size (LxWxH): 896x430x415mm

ADDITIONAL FUNCTIONS

- Booster
- Hand wave control

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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Scan each QR code to see product price and availability.

CHARCOAL FILTERS



MODEL: EL-CF01

CAT. NO: 300050

Suitable with hobs with catalogue numbers:

- 300020
- 300021

MODEL: EL-CF02

CAT. NO: 300051

Suitable with hobs with catalogue numbers:

- 300022
- 300023
- 300024
- 300032

MODEL: EL-CF03

CAT. NO: 300052

Suitable with hobs with catalogue numbers:

- 300025
- 300026
- 300027
- 300028
- 300029
- 300030
- 300031
- 300033
- 300034
- 300035
- 300036
- 300037
- 300038
- 300039
- 300040

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Scan each QR code to see product price and availability.

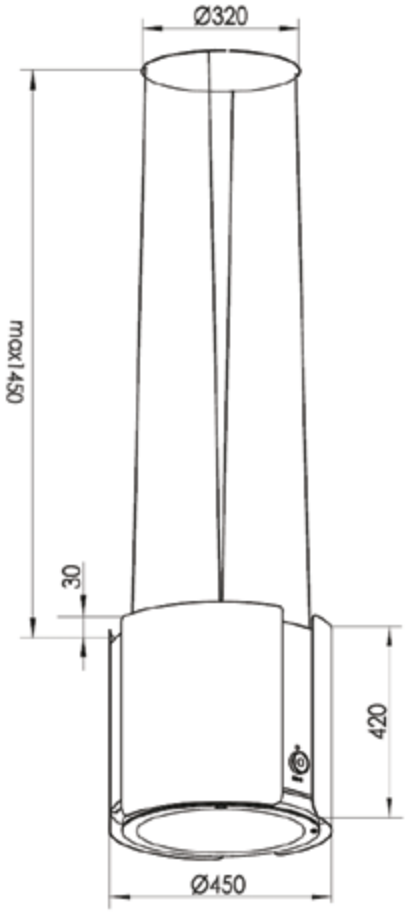
ISLAND HOODS



SMART ISLAND HOOD 400m³/h WITH FILTER, EL-IR0145C



CAT. NO: 300041



TECHNICAL DATA

- Rated voltage: 220-240V
- Frequency: 50Hz
- Motor power: 200W
- Lamp power: 1x20W LED lamp
- Total power: 220W
- Speed control level: 3
- Light control level: 2
- Air flow: 400(m^3/h)
- Noise level: 62dB
- Control type: Triple control via luminous LED knob, waving sensor and WiFi
- Smart APP: "Smart Remote King" & "Smart Life"
- Charcoal filters: Included
- Filter type: Aluminum & Carbon
- Recirculation: Yes
- Energy class: C
- Colour: Black steel and champagne gold aluminum alloy
- Installation method: Ceiling
- Product size (HxWxD): 420x450x450mm

APP INFORMATION

- Download "Smart Life" Application.
- Full info for the products, instructions can be found at www.elmarkholding.eu

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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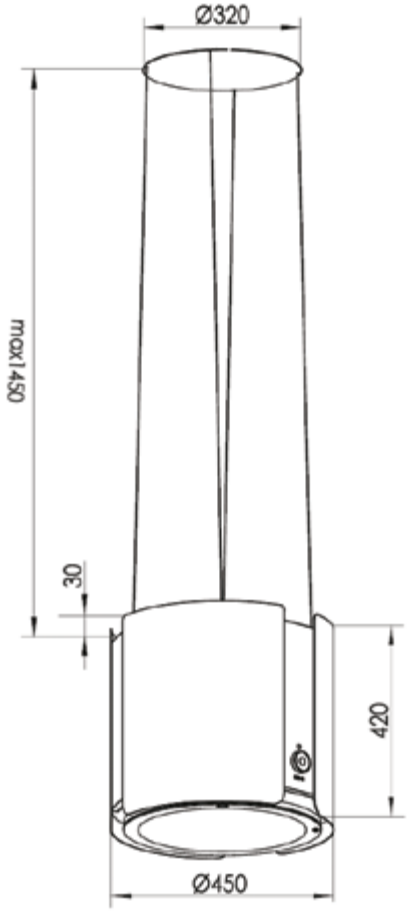
Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

SMART ISLAND HOOD 400m³/h WITH FILTER, EL-IR0145S



CAT. NO: 300042



TECHNICAL DATA

- Rated voltage: 220-240V
- Frequency: 50Hz
- Motor power: 200W
- Lamp power: 1x20W LED lamp
- Total power: 220W
- Speed control level: 3
- Light control level: 2
- Air flow: 400(m^3/h)
- Noise level: 62dB
- Control type: Triple control via luminous LED knob, waving sensor and WiFi
- Smart APP: "Smart Remote King" & "Smart Life"
- Charcoal filters: Included
- Filter type: Aluminum & Carbon
- Recirculation: Yes
- Energy class: C
- Colour: Silver steel and aluminum alloy
- Installation method: Ceiling
- Product size (HxWxD): 420x450x450mm

APP INFORMATION

- Download "Smart Life" Application.
- Full info for the products, instructions can be found at www.elmarkholding.eu

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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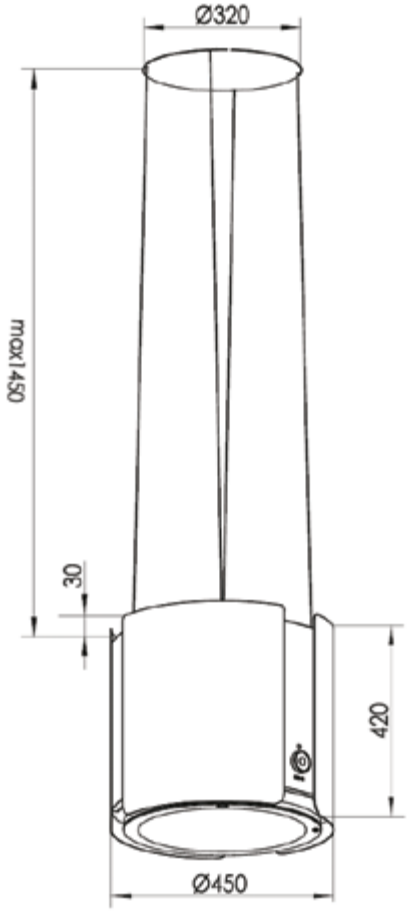
Scan each QR code to see product price and availability.

SMART ISLAND HOOD 400m³/h WITH FILTER, EL-IR0145B



CAT. NO: 300043



TECHNICAL DATA

- Rated voltage: 220-240V
- Frequency: 50Hz
- Motor power: 200W
- Lamp power: 1x20W LED lamp
- Total power: 220W
- Speed control level: 3
- Light control level: 2
- Air flow: 400(m^3/h)
- Noise level: 62dB
- Control type: Triple control via luminous LED knob, waving sensor and WiFi
- Smart APP: "Smart Remote King" & "Smart Life"
- Charcoal filters: Included
- Filter type: Aluminum & Carbon
- Recirculation: Yes
- Energy class: C
- Colour: Black steel and black aluminum alloy
- Installation method: Ceiling
- Product size (HxWxD): 420x450x450mm

APP INFORMATION

- Download "Smart Life" Application.
- Full info for the products, instructions can be found at www.elmarkholding.eu

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

SMART ISLAND HOOD 795m³/h WITH FILTER, EL-IT0290F23D2W4



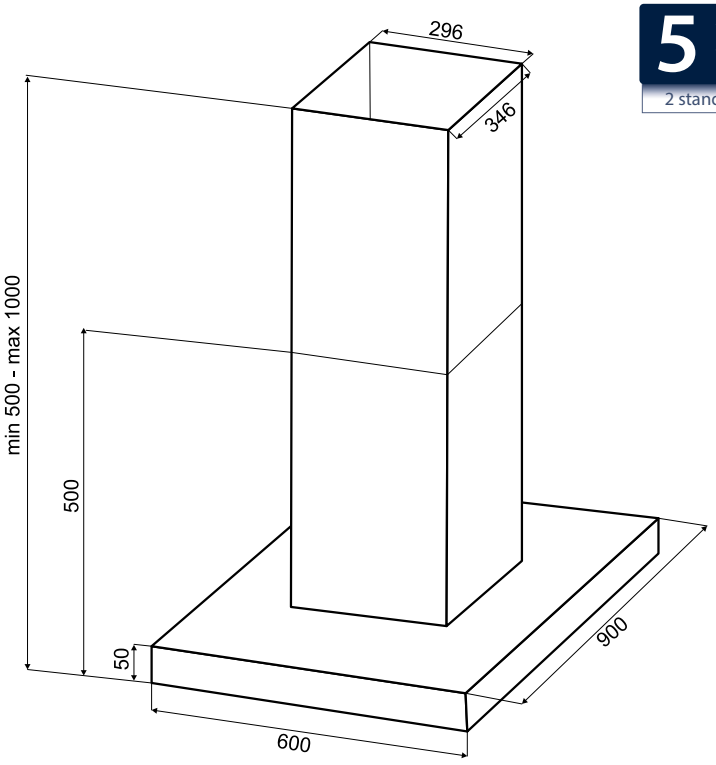
C

CAT. NO: 300044

TECHNICAL DATA

- Rated voltage: 220-240V
- Frequency: 50Hz
- Motor power: 270W
- Lamp power: 4x2W LED lamp
- Total power: 278W
- Speed control level: 3
- Air flow: 795(m³/h)
- Noise level: 68dB
- Air outlet diameter: 150mm
- Control type: Touch
- Charcoal filters: Included
- Filter type: Aluminum & Carbon
- Recirculation: Yes
- Energy class: C
- Colour: Silver with black front panel
- Installation method: Ceiling
- Product Height : 500-1000mm
- Product size (WxD): 600x900mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended



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Scan each QR code to see product price and availability.



BUILT-IN KITCHEN APPLIANCES

DISHWASHERS





Product Advantages

- High cleaning & drying efficiency
- Low water consumption
- Low noise level
- Energy efficient

Products

- Freestanding dishwashers
- Built-in dishwashers

ELMARK
The Brand of Electricity

FREESTANDING DISHWASHER 45CM 9 SET, EL-8/7636A



CAT. NO: 300003

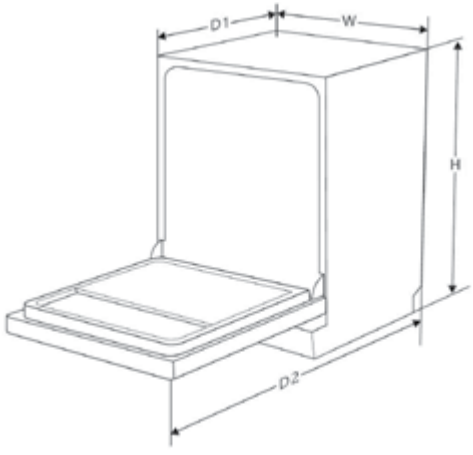
FEATURES

- High cleaning and drying efficiency: A
- Low water consumption per cycle: 11L
- Start delay: 3 / 6 / 9h
- Half load function
- Child lock
- Electronic control
- With water softener
- Aqua-stop
- Anti-bacterial filter
- Removable top

TECHNICAL DATA

- Rated voltage: 220-240V / 50Hz
- Rated power: 1800W
- Type: Freestanding
- Place setting capacity: 9
- Noise level: 49dB
- Motor type: 2-Speed
- Body colour: White
- Basket colour: Grey
- Spray arms: Upper & Lower
- Water softener: Included
- Type of inlet hose: Standard
- Inlet hose length: 1500mm
- Product size (L x W x H): 448 x 600 x 845mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended



Height (H)	845mm
Width (W)	598mm
Depth (D1)	600mm (with the door closed)
Depth (D2)	1175mm (with the door opened 90°)

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Scan each QR code to see product price and availability.

ENERGY CHARACTERISTIC

- Energy efficiency (EN60434): E
- Energy consumption per cycle: 0,704KWH
- Water consumption per cycle: 9L
- Cleaning efficiency: A
- Drying efficiency: A

6 PROGRAMS

Intensive: For heaviest soiled crockery, and normally soiled pots, pans, dishes etc. With dried-on food.

Universal: For normally soiled loads, such as pots, plates, glasses and lightly soiled pans.

ECO: This is standard program, it is suitable to clean normally soiled tableware and it is the most efficient program in terms of its combined energy and water consumption for that type of tableware.

Glass: For lightly soiled crockery and glass.

90 min: For normally soiled loads that need quick wash.

Rapid: A shorter wash for lightly soiled loads that do not need drying.



ADDITIONAL FUNCTIONS

- **Delay -/+:** Press the "+"button to add the delay time or press the "-"button to decrease the delay time, 3H/6H and 9H delay can be defined.
- **Half-load:** When you have about or less than half of full place settings dishware to wash, you can choose this function to save energy and water. (It can only be used with Intensive, Universal, ECO, 90 min and Glass.)
- **Child lock:** This option allows you to lock the buttons on the control panel - except the Power button - so children cannot accidentally start the dishwasher by pressing the buttons on the panel. To lock or unlock the buttons on the control panel, press and hold the Delay button + Half-load button for 3 seconds simultaneously.

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Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

FREESTANDING DISHWASHER 60CM 12 SET, EL-12/5201K



CAT. NO: 300001

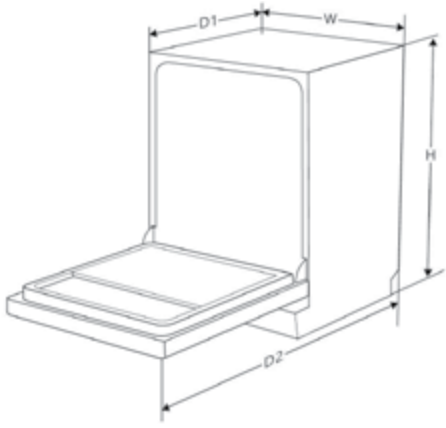
FEATURES

- High cleaning and drying efficiency: A
- Low water consumption per cycle: 11L
- Start delay: 3 / 6 / 9h
- Half load function
- Child lock
- Extra drying function
- Electronic control
- With water softener
- Aqua-stop
- Anti-bacterial filter
- Removable top

TECHNICAL DATA

- Rated voltage: 220-240V / 50Hz
- Rated power: 1800W
- Type: Freestanding
- Place setting capacity: 12
- Noise level: 55dB
- Motor type: 2-Speed
- Body colour: White body with black panel
- Basket colour: Grey
- Spray arms: Upper & Lower
- Water softener: Included
- Type of inlet hose: Standard
- Inlet hose length: 1500mm
- Product size (L x W x H): 598 x 600 x 845mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended



Height (H)	845mm
Width (W)	598mm
Depth (D1)	600mm (with the door closed)
Depth (D2)	1175mm (with the door opened 90°)

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Scan each QR code to see product price and availability.

ENERGY CHARACTERISTIC



- Energy efficiency (EN60434): E
- Energy consumption per cycle: 0,923KWH
- Water consumption per cycle: 11L
- Cleaning efficiency: A
- Drying efficiency: A

6 PROGRAMS

Intensive: For heaviest soiled crockery, and normally soiled pots, pans, dishes etc. With dried-on food.

Universal: For normally soiled loads, such as pots, plates, glasses and lightly soiled pans.

ECO: This is standard program, it is suitable to clean normally soiled tableware and it is the most efficient program in terms of its combined energy and water consumption for that type of tableware.

Glass: For lightly soiled crockery and glass.

90 min: For normally soiled loads that need quick wash.

Rapid: A shorter wash for lightly soiled loads that do not need drying.

ADDITIONAL FUNCTIONS

- **Delay -/+:** Press the "+"button to add the delay time or press the "-"button to decrease the delay time, 3H/6H and 9H delay can be defined.
- **Half-load:** When you have about or less than half of full place settings dishware to wash, you can choose this function to save energy and water. (It can only be used with Intensive, Universal, ECO, 90 min and Glass.)
- **Extra Drying:** This function can make the drying effect better. (It can only be used with Intensive, Universal, ECO, 90 min and Glass.)
- **Child lock:** This option allows you to lock the buttons on the control panel - except the Power button - so children cannot accidentally start the dishwasher by pressing the buttons on the panel. To lock or unlock the buttons on the control panel, press and hold the Delay button + Half-load button for 3 seconds simultaneously.

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Scan each QR code to see product price and availability.

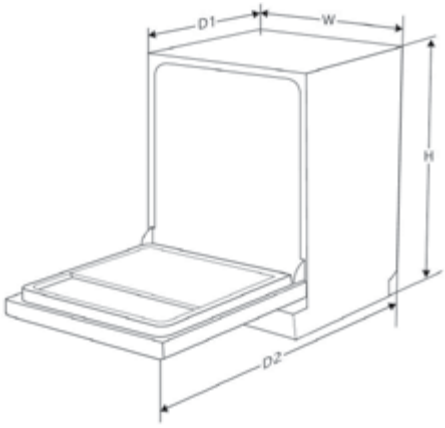
ELMARK
The Brand of Electricity

FREESTANDING DISHWASHER 60CM 15 SET, EL-12/U7635S

PREMIUM class



CAT. NO: 300004



Height (H)	845mm
Width (W)	598mm
Depth (D1)	600mm (with the door closed)
Depth (D2)	1175mm (with the door opened 90°)

FEATURES

- BLDC Inverter motor
- High cleaning and drying efficiency: A
- Low water consumption per cycle: 9.8L
- Start delay: 1-24h
- Dual zone
- Child lock
- Touch control
- LED illumination
- Extra drying function
- Strong wash function
- Energy save function
- Auto open
- Third Layer Cutlery Basket
- Height loaded adjustable upper basket (with system)
- With water softener
- Aqua-stop
- Anti-bacterial filter
- Removable top

TECHNICAL DATA

- Rated voltage: 220-240V / 50Hz
- Rated power: 1800W
- Type: Freestanding
- Place setting capacity: 15
- Noise level: 44dB
- Motor type: BLDC Inverter
- Body colour: Inox
- Basket colour: Dark grey
- Spray arms: Upper, Lower & Top
- Water softener: Included
- Type of inlet hose: Standard
- Inlet hose length: 1500mm
- Product size (L x W x H): 598 x 600 x 845mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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Scan each QR code to see product price and availability.

ENERGY CHARACTERISTIC



- Energy efficiency (EN60434): C
- Energy consumption per cycle: 0,758KWH
- Water consumption per cycle: 9.8L
- Cleaning efficiency: A
- Drying efficiency: A

8 PROGRAMS

Auto: For lightly, normally or heavily soiled crockery with or without dried-on food.

Intensive: For heaviest soiled crockery, and normally soiled pots, pans, dishes etc. With dried-on food.

Universal: For normally soiled loads, such as pots, plates, glasses and lightly soiled pans.

ECO: This is standard program, it is suitable to clean normally soiled tableware and it is the most efficient program in terms of its combined energy and water consumption for that type of tableware.

Glass: For lightly soiled crockery and glass.

90 min: For normally soiled loads that need quick wash.

Rapid: A shorter wash for lightly soiled loads that do not need drying.

Soak: To rinse dishes that you plan to wash later that day.

ADDITIONAL FUNCTIONS

- **Delay**: Press the button to increase the delay start time. Delay a cycle for up to 24 hours in one-hour increments. After setting the delay time, press the Start/Pause button to start.
- **Child lock**: This option allows you to lock the buttons on the control panel - except the Power button - so children cannot accidentally start the dishwasher by pressing the buttons on the panel. To lock or unlock the buttons on the control panel, press and hold the Delay button + Half-load button for 3 seconds simultaneously.
- **Extra Drying**: This function can make the drying effect better. (It can only be used with Intensive, Universal, ECO, 90 min and Glass.)
- **Power wash**: For very dirty and hard to clean dishes. (It can only be used with Auto, Intensive, Universal, ECO, Glass, 90 min)
- **Turbo Speed**: Reduce the program time. (It can only be used with Intensive, Universal, ECO, Glass, 90 min)

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ELMARK
The Brand of Electricity

FREESTANDING DISHWASHER 60CM 14 SET, EL-12/7617U



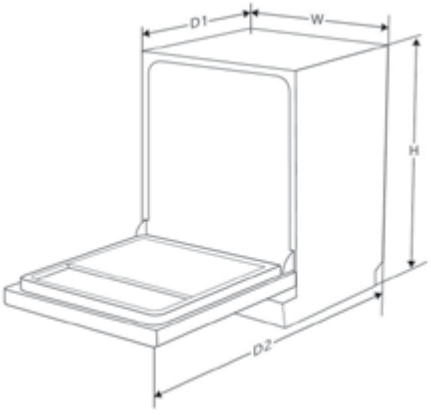
CAT. NO: 300005

FEATURES

- High cleaning and drying efficiency: A
- Low water consumption per cycle: 10L
- Start delay: 1-24h
- Dual zone
- Child lock
- Electronic control
- LED illumination
- Extra drying function
- Strong wash function
- Auto open
- Third Layer Cutlery Basket
- Height unloaded adjustable upper basket (with system)
- With water softener
- Aqua-stop
- Anti-bacterial filter
- Removable top

TECHNICAL DATA

- Rated voltage: 220-240V / 50Hz
- Rated power: 1800W
- Type: Freestanding
- Place setting capacity: 14
- Noise level: 47dB
- Motor type: 2 speed
- Body colour: White
- Basket colour: Grey
- Spray arms: Upper, Lower & Top
- Water softener: Included
- Type of inlet hose: Standard
- Inlet hose length: 1500mm
- Product size (L x W x H): 598 x 600 x 845mm



Height (H)	845mm
Width (W)	598mm
Depth (D1)	600mm (with the door closed)
Depth (D2)	1175mm (with the door opened 90°)

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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ENERGY CHARACTERISTIC



- Energy efficiency (EN60434): D
- Energy consumption per cycle: 0,849KWH
- Water consumption per cycle: 10L
- Cleaning efficiency: A
- Drying efficiency: A

8 PROGRAMS

Auto: For lightly, normally or heavily soiled crockery with or without dried-on food.

Intensive: For heaviest soiled crockery, and normally soiled pots, pans, dishes etc. With dried-on food.

Universal: For normally soiled loads, such as pots, plates, glasses and lightly soiled pans.

ECO: This is standard program, it is suitable to clean normally soiled tableware and it is the most efficient program in terms of its combined energy and water consumption for that type of tableware.

Glass: For lightly soiled crockery and glass.

90 min: For normally soiled loads that need quick wash.

Rapid: A shorter wash for lightly soiled loads that do not need drying.

Soak: To rinse dishes that you plan to wash later that day.

ADDITIONAL FUNCTIONS

- **Delay**: Press the button to increase the delay start time. Delay a cycle for up to 24 hours in one-hour increments. After setting the delay time, press the Start/Pause button to start.
- **Child lock**: This option allows you to lock the buttons on the control panel - except the Power button - so children cannot accidentally start the dishwasher by pressing the buttons on the panel. To lock or unlock the buttons on the control panel, press and hold the Delay button + Half-load button for 3 seconds simultaneously.
- **Extra Drying**: This function can make the drying effect better. (It can only be used with Intensive, Universal, ECO, 90 min and Glass.)
- **Power wash**: For very dirty and hard to clean dishes. (It can only be used with Auto, Intensive, Universal, ECO, Glass, 90 min)
- **Express**: Reduce the program time. (It can only be used with Intensive, Universal, ECO, Glass, 90 min)

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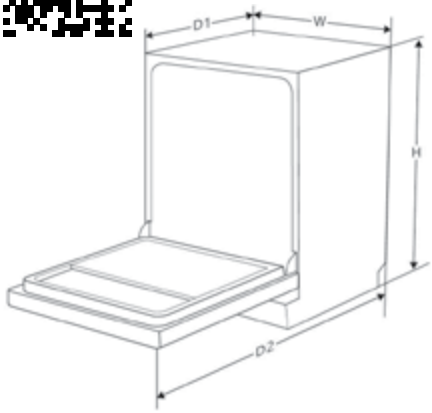
ELMARK
The Brand of Electricity

BUILT-IN DISHWASHER 45CM 10 SET, EL-12/U7714D

PREMIUM class C



CAT. NO: 300008



Height (H)	815mm
Width (W)	448mm
Depth (D1)	550mm (with the door closed)
Depth (D2)	1150mm (with the door opened 90°)

FEATURES

- High cleaning and drying efficiency: A
- Low water consumption per cycle: 8L
- Start delay: 1-24h
- Dual zone
- Child lock
- Touch control
- LED illumination
- Extra drying function
- Auto open
- Third Layer Cutlery Basket
- Height loaded adjustable upper basket (with system)
- With water softener
- Aqua-stop
- Anti-bacterial filter
- Floor indicator

TECHNICAL DATA

- Rated voltage: 220-240V / 50Hz
- Rated power: 1800W
- Type: Built-in
- Place setting capacity: 10
- Noise level: 44dB
- Motor type: BLDC Inverter
- Colour: Silver panel and galvanized body
- Basket colour: Dark grey
- Spray arms: Upper, Lower & Top
- Water softener: Included
- Type of inlet hose: Standard
- Inlet hose length: 1500mm
- Product size (L x W x H): 448 x 550 x 815mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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ENERGY CHARACTERISTIC

- Energy efficiency (EN60434): C
- Energy consumption per cycle: 0,593KWH
- Water consumption per cycle: 8L
- Cleaning efficiency: A
- Drying efficiency: A

8 PROGRAMS



Auto: For lightly, normally or heavily soiled crockery with or without dried-on food.



Intensive: For heaviest soiled crockery, and normally soiled pots, pans, dishes etc. With dried-on food.



Universal: For normally soiled loads, such as pots, plates, glasses and lightly soiled pans.



90 min: For normally soiled loads that need quick wash.



Glass: For lightly soiled crockery and glass.



ECO: This is standard program, it is suitable to clean normally soiled tableware and it is the most efficient program in terms of its combined energy and water consumption for that type of tableware.



Rapid: A shorter wash for lightly soiled loads that do not need drying.



Soak: To rinse dishes that you plan to wash later that day.

ADDITIONAL FUNCTIONS

- **Delay**: Press the button to increase the delay start time. Delay a cycle for up to 24 hours in one-hour increments. After setting the delay time, press the Start/Pause button to start.
- **Child lock**: This option allows you to lock the buttons on the control panel - except the Power button - so children cannot accidentally start the dishwasher by pressing the buttons on the panel. To lock or unlock the buttons on the control panel, press and hold the Delay button + Half-load button for 3 seconds simultaneously.
- **Extra Drying**: This function can make the drying effect better. (It can only be used with Intensive, Universal, ECO, 90 min and Glass.)
- **Power wash**: For very dirty and hard to clean dishes. (It can only be used with Auto, Intensive, Universal, ECO, Glass, 90 min)
- **Turbo Speed**: Reduce the program time. (It can only be used with Intensive, Universal, ECO, Glass, 90 min)
- **Energy save**: When you have less plates to wash ,you can choose it. (It can only be used with Intensive, Universal, Eco, Glass, 90Min.)

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ELMARK
The Brand of Electricity

BUILT-IN DISHWASHER 60CM 12 SET, EL-12/5315A

ECO class E





CAT. NO: 300002

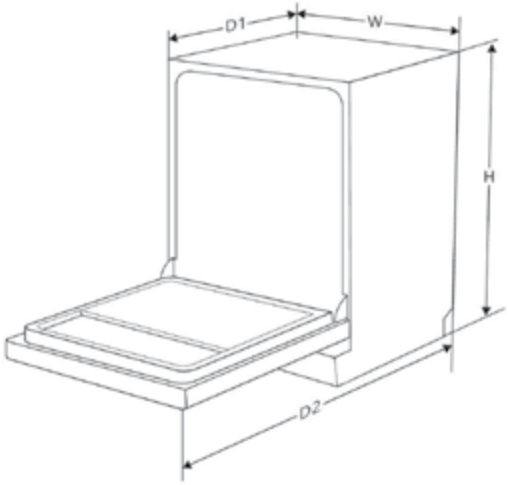
FEATURES

- High cleaning and drying efficiency: A
- Low water consumption per cycle: 11L
- Start delay: 1-24h
- Half load
- Electronic control
- Height unloaded adjustable upper basket (with system)
- With water softener
- Aqua-stop
- Anti-bacterial filter
- Floor indicator

TECHNICAL DATA

- Rated voltage: 220-240V / 50Hz
- Rated power: 1800W
- Type: Built-in
- Place setting capacity: 12
- Noise level: 55dB
- Motor type: 2 speed
- Colour: Silver panel and galvanized body
- Basket colour: Grey
- Spray arms: Upper & Lower
- Water softener: Included
- Type of inlet hose: Standard
- Inlet hose length: 1500mm
- Product size (L x W x H): 598 x 550 x 815mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended



Height (H)	815mm
Width (W)	598mm
Depth (D1)	550mm (with the door closed)
Depth (D2)	1150mm (with the door opened 90°)

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Scan each QR code to see product price and availability.

ENERGY CHARACTERISTIC

- Energy efficiency (EN60434): E
- Energy consumption per cycle: 0,923KWH
- Water consumption per cycle: 11L
- Cleaning efficiency: A
- Drying efficiency: A

6 PROGRAMS



Intensive: For heaviest soiled crockery, and normally soiled pots, pans, dishes etc. With dried-on food.



Universal: For normally soiled loads, such as pots, plates, glasses and lightly soiled pans.



ECO: This is standard program, it is suitable to clean normally soiled tableware and it is the most efficient program in terms of its combined energy and water consumption for that type of tableware.



Glass: For lightly soiled crockery and glass.



90 min: For normally soiled loads that need quick wash.



Rapid: A shorter wash for lightly soiled loads that do not need drying.

ADDITIONAL FUNCTIONS

- **Delay**: Press the button to increase the delay start time. Delay a cycle for up to 24 hours in one-hour increments. After setting the delay time, press the Start/Pause button to start.
- **Half-load**: When you have about or less than half of full place settings dishware to wash, you can choose this function to save energy and water. (It can only be used with Intensive, Universal, ECO, 90 min and Glass.)

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ELMARK
The Brand of Electricity

BUILT-IN DISHWASHER 60CM 15 SET, EL-12/U7713D

PREMIUM class C





CAT. NO: 300006

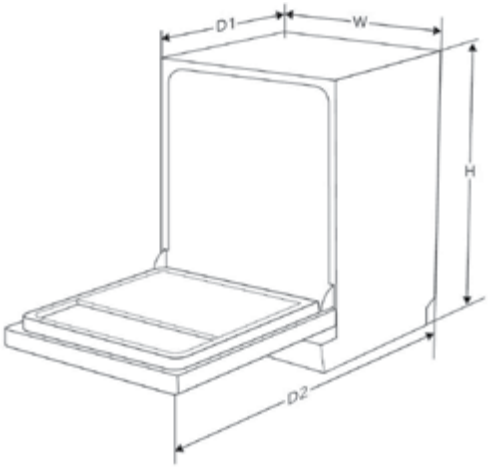
FEATURES

- High cleaning and drying efficiency: A
- Low water consumption per cycle: 9.8L
- Start delay: 1-24h
- Dual zone
- Touch control
- LED illumination
- Extra drying function
- Auto open
- Third Layer Cutlery Basket
- Height loaded adjustable upper basket (with system)
- With water softener
- Aqua-stop
- Anti-bacterial filter
- Floor indicator

TECHNICAL DATA

- Rated voltage: 220-240V / 50Hz
- Rated power: 1800W
- Type: Built-in
- Place setting capacity: 15
- Noise level: 44dB
- Motor type: BLDC Inverter
- Colour: Silver panel and galvanized body
- Basket colour: Dark grey
- Spray arms: Upper, Lower & Top
- Water softener: Included
- Type of inlet hose: Standard
- Inlet hose length: 1500mm
- Product size (L x W x H): 598 x 550 x 815mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended



Height (H)	815mm
Width (W)	598mm
Depth (D1)	550mm (with the door closed)
Depth (D2)	1150mm (with the door opened 90°)

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Scan each QR code to see product price and availability.

ENERGY CHARACTERISTIC

- Energy efficiency (EN60434): C
- Energy consumption per cycle: 0,758KWH
- Water consumption per cycle: 9.8L
- Cleaning efficiency: A
- Drying efficiency: A

8 PROGRAMS



Auto: For lightly, normally or heavily soiled crockery with or without dried-on food.



Intensive: For heaviest soiled crockery, and normally soiled pots, pans, dishes etc. With dried-on food.



Universal: For normally soiled loads, such as pots, plates, glasses and lightly soiled pans.



ECO: This is standard program, it is suitable to clean normally soiled tableware and it is the most efficient program in terms of its combined energy and water consumption for that type of tableware.



Glass: For lightly soiled crockery and glass.



90 min: For normally soiled loads that need quick wash.



Rapid: A shorter wash for lightly soiled loads that do not need drying.



Soak: To rinse dishes that you plan to wash later that day.

ADDITIONAL FUNCTIONS

- **Delay**: Press the button to increase the delay start time. Delay a cycle for up to 24 hours in one-hour increments. After setting the delay time, press the Start/Pause button to start.
- **Power wash**: For very dirty and hard to clean dishes. (It can only be used with Auto, Intensive, Universal, ECO, Glass, 90 min)
- **Turbo Speed**: Reduce the program time. (It can only be used with Intensive, Universal, ECO, Glass, 90 min)
- **Energy save**: When you have less plates to wash ,you can choose it. (It can only be used with Intensive, Universal, Eco, Glass, 90Min.)

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ELMARK
The Brand of Electricity

BUILT-IN DISHWASHER 60CM 14 SET, EL-12/7713D

C





CAT. NO: 300007

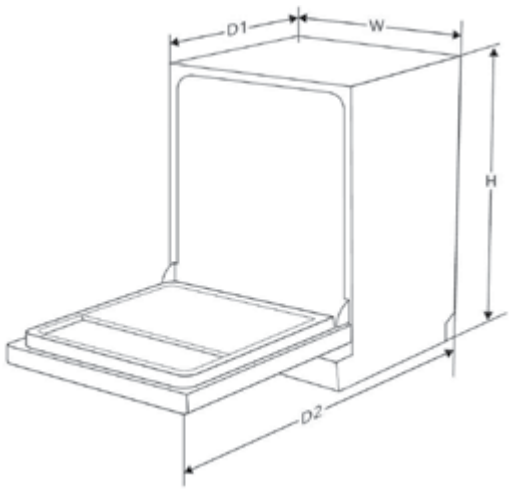
FEATURES

- High cleaning and drying efficiency: A
- Low water consumption per cycle: 10L
- Start delay: 1-24h
- Dual zone
- Touch control
- Extra drying function
- Auto open
- Third Layer Cutlery Basket
- Height loaded adjustable upper basket (with system)
- With water softener
- Aqua-stop
- Anti-bacterial filter
- Floor indicator

TECHNICAL DATA

- Rated voltage: 220-240V / 50Hz
- Rated power: 1800W
- Type: Built-in
- Place setting capacity: 14
- Noise level: 47dB
- Motor type: 2 speed
- Colour: Silver panel and galvanized body
- Basket colour: Dark grey
- Spray arms: Upper, Lower & Top
- Water softener: Included
- Type of inlet hose: Standard
- Inlet hose length: 1500mm
- Product size (L x W x H): 598 x 550 x 815mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended



Height (H)	815mm
Width (W)	448mm
Depth (D1)	550mm (with the door closed)
Depth (D2)	1150mm (with the door opened 90°)

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Scan each QR code to see product price and availability.

ENERGY CHARACTERISTIC

- Energy efficiency (EN60434): C
- Energy consumption per cycle: 0,758KWH
- Water consumption per cycle: 9.8L
- Cleaning efficiency: A
- Drying efficiency: A

8 PROGRAMS



Auto: For lightly, normally or heavily soiled crockery with or without dried-on food.



Intensive: For heaviest soiled crockery, and normally soiled pots, pans, dishes etc. With dried-on food.



Universal: For normally soiled loads, such as pots, plates, glasses and lightly soiled pans.



ECO: This is standard program, it is suitable to clean normally soiled tableware and it is the most efficient program in terms of its combined energy and water consumption for that type of tableware.



Glass: For lightly soiled crockery and glass.



90 min: For normally soiled loads that need quick wash.



Rapid: A shorter wash for lightly soiled loads that do not need drying.



Soak: To rinse dishes that you plan to wash later that day.

ADDITIONAL FUNCTIONS

- **Delay**: Press the button to increase the delay start time. Delay a cycle for up to 24 hours in one-hour increments. After setting the delay time, press the Start/Pause button to start.
- **Power wash**: For very dirty and hard to clean dishes. (It can only be used with Auto, Intensive, Universal, ECO, Glass, 90 min)
- **Express**: Reduce the program time. (It can only be used with Intensive, Universal, ECO, Glass, 90 min)
- **Extra Drying**: This function can make the drying effect better. (It can only be used with Intensive, Universal, ECO, 90 min and Glass.)

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HOME APPLIANCES

laundry

WASHERS & DRYERS





Products

- Washing machines
- Dryers

Product Advantages

- Powerful BLDC Inverter Motor
- Honeycomb inner drum
- WBS intelligent shock absorption system
- Energy efficient

Honeycomb Inner Drum

The honeycomb shape help lock the clothes fiber.



Water Film Inner Drum

wall can form a
ce wear and tear

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PREMIUM FRONT LOAD WASHER BLDC INVERTER MOTOR 10KG, EL-1468DP

PREMIUM class



CAT. NO: 300250/DG

TECHNICAL DATA

- Rated voltage: 220-240V / 50Hz
- Wash capacity: 10kg
- Motor type: BLDC inverter motor
- Noise level: 75dB
- IP degree: IPX4
- Colour: Dark grey
- Diameter of door: 505mm
- Open door angle: 130°
- Door lock: Digital
- Drum shape: Honeycomb
- Drum material: SUS430
- Control: Touch
- Temperature: normal, 30, 40, 60, 85°C
- Spin speed: NO, 600, 800, 1200, 1400rpm
- NET Weight: 64kg
- Size (WxDxH): 598 x 608 x 845mm

ENERGY CHARACTERISTIC

- Energy class: B
- Noise level: B
- Spin class: C
- Water consumption per cycle: 52L
- Energy consumption: 0,59KWh
- Wash power: 250W
- Spin power: 500W
- Water heating power: 1800W

PROGRAMS

- Intelligent
- Mix
- Fiber
- 20°C
- Cotton
- Intensive
- Child
- Heavy
- Wool
- Spin
- Quick 15`
- Quick 30`
- Eco 40-60
- 85°C wash
- Tub clean

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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Scan each QR code to see product price and availability.

FEATURES



BLDC Inverter motor: It`s best performing motor among non-direct drive motors. Powerful, energy efficient, durable and economical

SUS430 Honeycomb inner drum: The inner barrel is made of stainless steel which is rust resistant and can withstand high temperature. The honeycomb- shaped wall strengthen the rubbing force of the laundry and make it more clean but the shapes of drum wall form a water film to reduce wear and tear on clothes.

Auto weighing: It can intelligently scene the weight of the clothes in the inner drum and automatically judge how much water to put-in, so as to use water more efficiently.

Drum self-clean: Hot water combined with water spray technology, fill the inner drum in all directions and effectively inhibit the growth of bacteria and prevent secondary pollution of clothes.

High temperature wash: Washing clothes with hot water up to 80°C can effectively sterilize.

Quick wash 15: Can wash small loads of clothes in a short time, saving energy and water.

Start delay: Set the washing machine start time or end time in advance from 1 to 24h. When the timer ends, the washing machine will automatically start or end the program. Arrange their time more flexibly.

Custom program: Can adjust the washing program according to habits and needs, such as water temperature, rotation speed, rinsing times, washing time and etc.

Power-OFF memory: In the event of a sudden power failure, this function can remember the running program situation and to continue running after power restore, avoiding repeated start of the program and saving time.

Wide door: : Larger space to put clothes in, or take them out.

Touch buttons: Make the function selection easy

WBS intelligent shock absorption system: Through the three balance system of suspension, counterweight and support the washing machine runs more smoothly, efficiently and energy-saving

Child lock: When the washing machine is running, it can prevent potential accident caused by children accidentally touching the buttons.

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High Temp Drum Clean

Hot water with high temperature combined with water spray technology, fill the inner drum in all directions and effectively inhabit the growth of bacteria and prevent secondary pollution of clothes.



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PREMIUM FRONT LOAD WASHER AND DRYER WITH BLDC INVERTER MOTOR 10/6KG, EL-1468DPH

PREMIUM class



CAT. NO: 300251/DG

PROGRAMS

- Eco 40-60
- Mix
- Intensive
- Heavy
- Dry
- Spin
- Tub clean
- 20°C
- Wool
- Silk
- Quick 15`
- 1h Wash & Dry
- Child lock
- Underwear
- Air wash
- Sterilization
- Steam pre wash
- High temperature wash

TECHNICAL DATA

- Rated voltage: 220-240V / 50Hz
- Wash capacity: 10kg
- Dry capacity: 6kg
- Motor type: BLDC inverter motor
- Noise level: 75dB
- IP degree: IPX4
- Colour: Dark grey
- Diameter of door: 505mm
- Open door angle: 130°
- Door lock: Digital
- Drum shape: Honeycomb
- Drum material: SUS430
- Control: Touch
- Temperature: normal, 30, 40, 60, 85°C
- Spin speed: NO, 600, 800, 1200, 1400rpm
- NET Weight: 66kg
- Size (WxDxH): 598 x 608 x 845mm

ENERGY CHARACTERISTIC

- Energy class: B
- Noise level: B
- Spin class: C
- Drying energy class: E
- Water consumption per cycle: 52L
- Energy consumption: 0,56KWh
- Wash power: 250W
- Spin power: 500W
- Water heating power: 1800W
- Drying power: 1300W

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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Scan each QR code to see product price and availability.

FEATURES



BLDC Inverter motor: It`s best performing motor among non-direct drive motors. Powerful, energy efficient, durable and economical



1h Wash and Dry: Fast, clean and dry.



Air wash: No need to wash. The constant temperature air of 50°C penetrates the clothes fibers, which can effectively remove odors and keep the clothes fresh and fluffy.



SUS430 Honeycomb inner drum: The inner barrel is made of stainless steel which is rust resistant and can withstand high temperature. The honeycomb- shaped wall strengthen the rubbing force of the laundry and make it more clean but the shapes of drum wall form a water film to reduce wear and tear on clothes.



Auto weighing: It can intelligently scene the weight of the clothes in the inner drum and automatically judge how much water to put-in, so as to use water more efficiently.



Drum self-clean: Hot water combined with water spray technology, fill the inner drum in all directions and effectively inhibit the growth of bacteria and prevent secondary pollution of clothes.



High temperature wash: Washing clothes with hot water up to 80°C can effectively sterilize.



Quick wash 15: Can wash small loads of clothes in a short time, saving energy and water.



Start delay: Set the washing machine start time or end time in advance from 1 to 24h. When the timer ends, the washing machine will automatically start or end the program. Arrange their time more flexibly.



Custom program: Can adjust the washing program according to habits and needs, such as water temperature, rotation speed, rinsing times, washing time and etc.



Power-OFF memory: In the event of a sudden power failure, this function can remember the running program situation and to continue running after power restore, avoiding repeated start of the program and saving time.



Wide door: : Larger space to put clothes in, or take them out.



Touch buttons: Make the function selection easy



WBS intelligent shock absorption system: Through the three balance system of suspension, counterweight and support the washing machine runs more smoothly, efficiently and energy-saving



Child lock: When the washing machine is running, it can prevent potential accident caused by children accidentally touching the buttons.

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Scan each QR code to see product price and availability.

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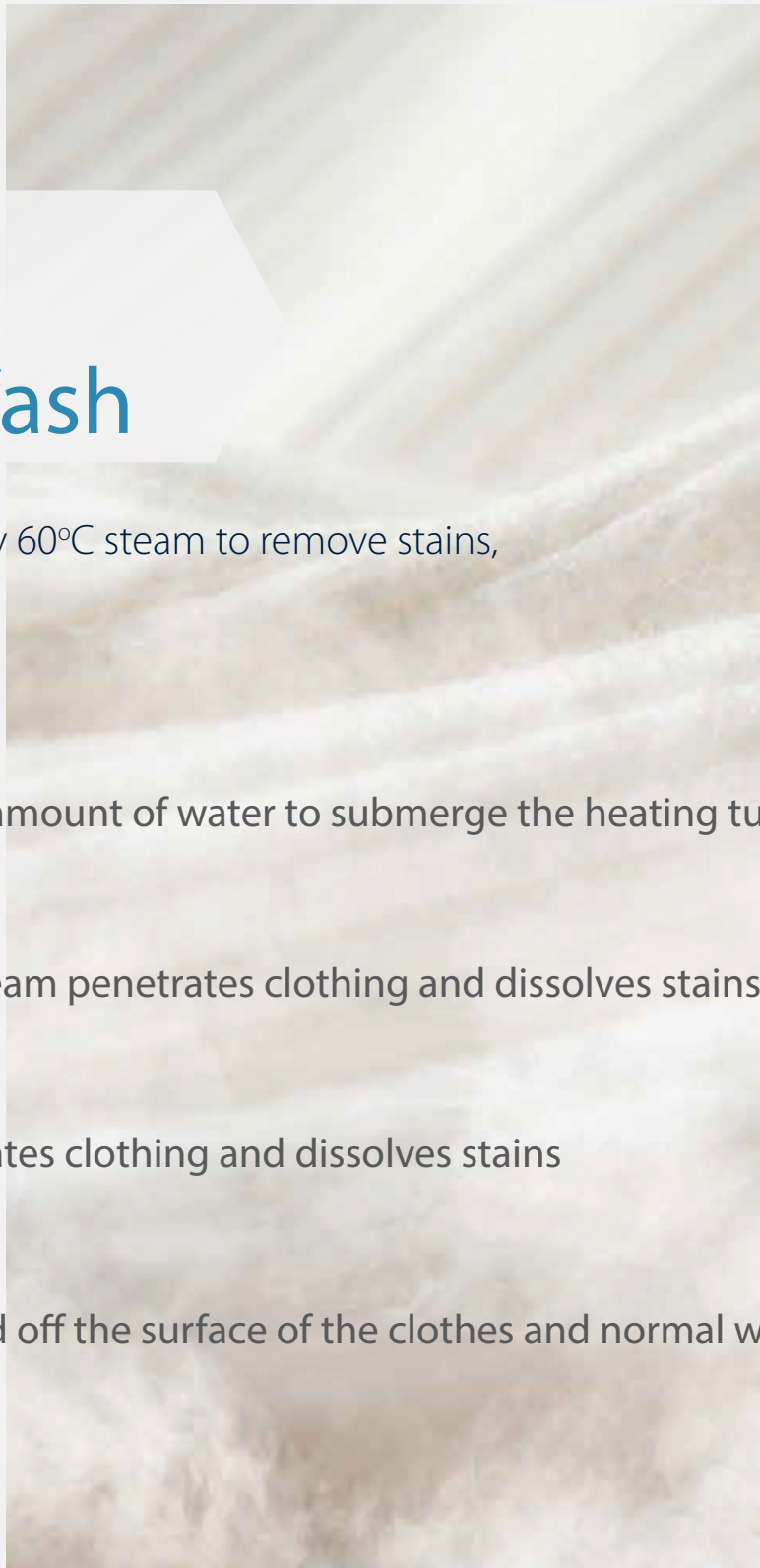

3D Steam PreWash

Deeply penetrate clothes by 60°C steam to remove stains, deodorize and sterilize

1 — Inject a small amount of water to submerge the heating tu

2 — By heating, steam penetrates clothing and dissolves stains

3 — Steam penetrates clothing and dissolves stains

4 — Stain is cleared off the surface of the clothes and normal w program is on.

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ube

vashing

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STANDARD FRONT LOAD WASHER BLDC INVERTER MOTOR 10KG, EL-1441DP

STANDARD class



CAT. NO: 300253/WH

TECHNICAL DATA

- Rated voltage: 220-240V / 50Hz
- Wash capacity: 10kg
- Motor type: BLDC inverter motor
- Noise level: 75dB
- IP degree: IPX4
- Colour: White
- Diameter of door: 505mm
- Open door angle: 130°
- Door lock: Digital
- Drum shape: Honeycomb
- Drum material: SUS430
- Control: Touch
- Temperature: normal, 20, 40, 60, 80°C
- Spin speed: NO, 400, 800, 1200, 1400rpm
- NET Weight: 63kg
- Size (WxDxH): 598 x 608 x 845mm

ENERGY CHARACTERISTIC

- Energy class: B
- Noise level: B
- Spin class: C
- Water consumption per cycle: 52L
- Energy consumption: 0,59KWh
- Wash power: 250W
- Spin power: 500W
- Water heating power: 1800W

PROGRAMS

- Mixed
- Quick 15`
- Wool
- Jeans
- Spin
- Rinse + spin
- 20°C
- Eco 40-60
- Cotton
- Kids wear
- Night wash
- Gentile
- Bulky
- Drum clean
- High temperature wash
- Steam pre-wash

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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Scan each QR code to see product price and availability.

FEATURES

BLDC Inverter motor: It`s best performing motor among non-direct drive motors. Powerful, energy efficient, durable and economical

3D Steam pre-wash: Deeply penetrate clothes by high temperature steam to remove stains, deodorize and sterilize.

Night wash: Reduced motor speed for washing and spinning for quieter nighttime laundry.

SUS430 Honeycomb inner drum: The inner barrel is made of stainless steel which is rust resistant and can withstand high temperature. The honeycomb- shaped wall strengthen the rubbing force of the laundry and make it more clean but the shapes of drum wall form a water film to reduce wear and tear on clothes.

Auto weighing: It can intelligently scene the weight of the clothes in the inner drum and automatically judge how much water to put-in, so as to use water more efficiently.

Drum self-clean: Hot water combined with water spray technology, fill the inner drum in all directions and effectively inhibit the growth of bacteria and prevent secondary pollution of clothes.

High temperature wash: Washing clothes with hot water up to 80°C can effectively sterilize.

Quick wash 15: Can wash small loads of clothes in a short time, saving energy and water.

Start delay: Set the washing machine start time or end time in advance from 1 to 24h. When the timer ends, the washing machine will automatically start or end the program. Arrange their time more flexibly.

Custom program: Can adjust the washing program according to habits and needs, such as water temperature, rotation speed, rinsing times, washing time and etc.

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Wide door: : Larger space to put clothes in, or take them out.

Touch buttons: Make the function selection easy

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Child lock: When the washing machine is running, it can prevent potential accident caused by children accidentally touching the buttons.

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STANDARD STEAM WASH FRONT LOAD WASHER WITH BLDC INVERTER MOTOR 8KG, EL-1241DP

STANDARD class



CAT. NO: 300254/WH

TECHNICAL DATA

- Rated voltage: 220-240V / 50Hz
- Wash capacity: 8kg
- Motor type: BLDC inverter motor
- Noise level: 72dB
- IP degree: IPX4
- Body colour: White
- Diameter of door: 505mm
- Door type: Electronic
- Door colour: Black
- Drum shape: Honeycomb
- Drum material: SUS430
- Control: Touch
- Temperature: normal, 20, 40, 60, 80°C
- Spin speed: NO, 400, 800, 1000 rpm
- NET Weight: 54,5kg
- Size (WxDxH): 598 x 555 x 845mm

ENERGY CHARACTERISTIC

- Energy class: A
- Water consumption per cycle: 48L
- Energy consumption: 0,47KWh
- Wash power: 250W
- Spin power: 500W
- Water heating power: 1800W

PROGRAMS

- Mixed
- Cotton
- Kid
- Wear
- Night
- Gentle
- Shirt
- Bulky
- Drum clean
- High temp
- 20°C
- Eco 40-60°
- Rinse + spin
- Spin
- Jeans
- Wool
- Quick 15
- Steam pre-wash
- Steam wash function

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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Scan each QR code to see product price and availability.

FEATURES

BLDC Inverter motor: It`s best performing motor among non-direct drive motors. Powerful, energy efficient, durable and economical

3D Steam pre-wash: Deeply penetrate clothes by high temperature steam to remove stains, deodorize and sterilize.

Steam wash function: Steam helps relax the fabric fibres during the wash, which results in fewer creases and wrinkles in your clothes.

Night wash: Reduced motor speed for washing and spinning for quieter nighttime laundry.

SUS430 Honeycomb inner drum: The inner barrel is made of stainless steel which is rust resistant and can withstand high temperature. The honeycomb- shaped wall strengthen the rubbing force of the laundry and make it more clean but the shapes of drum wall form a water film to reduce wear and tear on clothes.

Auto weighing: It can intelligently scene the weight of the clothes in the inner drum and automatically judge how much water to put-in, so as to use water more efficiently.

Drum self-clean: Hot water combined with water spray technology, fill the inner drum in all directions and effectively inhibit the growth of bacteria and prevent secondary pollution of clothes.

High temperature wash: Washing clothes with hot water up to 80°C can effectively sterilize.

Quick wash 15: Can wash small loads of clothes in a short time, saving energy and water.

Start delay: Set the washing machine start time or end time in advance from 1 to 24h. When the timer ends, the washing machine will automatically start or end the program. Arrange their time more flexibly.

Custom program: Can adjust the washing program according to habits and needs, such as water temperature, rotation speed, rinsing times, washing time and etc.

Power-OFF memory: In the event of a sudden power failure, this function can remember the running program situation and to continue running after power restore, avoiding repeated start of the program and saving time.

Wide door: : Larger space to put clothes in, or take them out.

Touch buttons: Make the function selection easy

WBS intelligent shock absorption system: Through the three balance system of suspension, counterweight and support the washing machine runs more smoothly, efficiently and energy-saving

Child lock: When the washing machine is running, it can prevent potential accident caused by children accidentally touching the buttons.

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STANDARD STEAM WASH FRONT LOAD WASHER AND DRYER WITH BLDC INVERTER MOTOR 8/6KG, EL-1241DPH

STANDARD class



CAT. NO: 300255/WH

TECHNICAL DATA

- Rated voltage: 220-240V / 50Hz
- Wash capacity: 8kg
- Dry capacity: 6kg
- Motor type: BLDC inverter motor
- Noise level: 72dB
- IP degree: IPX4
- Body colour: White
- Diameter of door: 505mm
- Door lock: Electronic
- Drum shape: Honeycomb
- Drum material: SUS430
- Control: Touch
- Temperature: normal, 20, 40, 60, 80°C
- Spin speed: NO, 400, 800, 1000 rpm
- NET Weight: 56kg
- Size (WxDxH): 598 x 555 x 845mm

ENERGY CHARACTERISTIC

- Energy class: B
- Water consumption per cycle: 48L
- Energy consumption: 0,55KWh
- Wash power: 250W
- Spin power: 500W
- Water heating power: 1800W

PROGRAMS

- Mixed
- Cotton
- Kid
- Wear
- Night
- Gentle
- Shirt
- Bulky
- Drum clean
- High temp
- 20°C
- Eco 40-60°
- Rinse + spin
- Spin
- Jeans
- Wool
- Quick 15
- Steam pre-wash
- Steam wash function

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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Scan each QR code to see product price and availability.

FEATURES

BLDC Inverter motor: It`s best performing motor among non-direct drive motors. Powerful, energy efficient, durable and economical

3D Steam pre-wash: Deeply penetrate clothes by high temperature steam to remove stains, deodorize and sterilize.

Steam wash function: Steam helps relax the fabric fibres during the wash, which results in fewer creases and wrinkles in your clothes.

Night wash: Reduced motor speed for washing and spinning for quieter nighttime laundry.

SUS430 Honeycomb inner drum: The inner barrel is made of stainless steel which is rust resistant and can withstand high temperature. The honeycomb- shaped wall strengthen the rubbing force of the laundry and make it more clean but the shapes of drum wall form a water film to reduce wear and tear on clothes.

Auto weighing: It can intelligently scene the weight of the clothes in the inner drum and automatically judge how much water to put-in, so as to use water more efficiently.

Drum self-clean: Hot water combined with water spray technology, fill the inner drum in all directions and effectively inhibit the growth of bacteria and prevent secondary pollution of clothes.

High temperature wash: Washing clothes with hot water up to 80°C can effectively sterilize.

Quick wash 15: Can wash small loads of clothes in a short time, saving energy and water.

Start delay: Set the washing machine start time or end time in advance from 1 to 24h. When the timer ends, the washing machine will automatically start or end the program. Arrange their time more flexibly.

Custom program: Can adjust the washing program according to habits and needs, such as water temperature, rotation speed, rinsing times, washing time and etc.

Power-OFF memory: In the event of a sudden power failure, this function can remember the running program situation and to continue running after power restore, avoiding repeated start of the program and saving time.

Wide door: : Larger space to put clothes in, or take them out.

Touch buttons: Make the function selection easy

WBS intelligent shock absorption system: Through the three balance system of suspension, counterweight and support the washing machine runs more smoothly, efficiently and energy-saving

Child lock: When the washing machine is running, it can prevent potential accident caused by children accidentally touching the buttons.

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DUAL Smart Sensor

HEAT Pump



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Monitor the temperature and humidity of the inner drum in real time to prevent the clothes from being deformed, wrinkled and shrunk due to excessive drying.

Temperature control

- High temperature - stop heating
- Low temperature - start heating

Humidity control

- Wet clothes - start heating
- Dry clothes - stop heating



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PREMIUM HEAT PUMP TUMBLE DRYER 8KG, EL-WL68

PREMIUM class



CAT. NO: 300252/DG

TECHNICAL DATA

- Rated voltage: 220-240V / 50Hz
- Drying type: Heat pump
- Drying capacity: 8kg
- Power: 700W
- Motor type: Universal
- Water tank capacity: 4,7L
- Refrigerant: R290
- Noise level: 70dB
- IP degree: IPX4
- Colour: Dark grey
- Diameter of door: 480mm
- Open door angle: 150°
- Control: Touch
- Spin speed: 50-55rpm
- NET Weight: 45kg
- Size (WxDxH): 598 x 625 x 845mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

PROGRAMS

- Mixed
- Synthetics
- Cotton
- Shirts
- Sports
- Jeans
- Delicate
- Quick dry
- Bedding
- Down
- Towel
- Baby care
- Refresh
- Wool
- Steam
- Underwear



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Scan each QR code to see product price and availability.

FEATURES

Heat pump technology: The new heat pump system can make the dryer run more efficiently, save energy and protect the environment.

Drying level selection: Choose the drying degree of clothes according to their needs- Light, Standard or Super.

Quick dry: Daily clothes that have been spinet in washing machine, such as shirts, can be quickly dried in 30 minutes without waiting too long.

Steam dry: The steam generated by the atomizer can penetrate deeply into the clothes and effectively remove the wrinkles of the dry clothes that have been in the closet for a long time.

Gentle dry: Drying gently at the temperature of 42°C can keep clothes fluffy and soft without damaging them.

Wool: Exclusive drying program for wool.

Overheat protection: When the system detected that the temperature in the drum exceeds the normal value, it will automatically stop heating to prevent the risks.

Dual smart sensor: The temperature sensor and humidity sensor monitor the temperature and humidity of the inner drum in real time to prevent the clothes from being deformed, wrinkled and shrunk due to excessive drying.

Smart clean reminder: When the filter needs to be cleaned or water tank is full, the machine will automatically remind the user to avoid affecting the normal drying performance.

Touch buttons: Make the function selection easy.

Start delay: Set the washing machine start time or end time in advance from 1 to 24h. When the timer ends, the washing machine will automatically start or end the program. Arrange their time more flexibly.

Safety STOP: I During the drying process, if the user opens the door, the machine will automatically stop the program and resume operation after the door is closed to prevent accidents.

R290 Refrigerant: Refrigerant with excellent thermal performance. Will not have a direct impact on the green house effect and is very environmentally friendly.

Anti-Winding: The inner drum will rotate counterclockwise for 5s after rotating clockwise for 10 minutes, turning the clothes inside to prevent them from being entangled.

LED display: The LED display allows the user to clearly see the drying time and progress, as well as other functions.

Child lock: When the drying machine is running, it can prevent potential accident caused by children accidentally touching the buttons.

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ELMARK
The Brand of Electricity

STANDARD HEAT PUMP TUMBLE DRYER 9KG, EL-WL16

STANDARD class



CAT. NO: 300257/WH

TECHNICAL DATA

- Rated voltage: 220-240V / 50Hz
- Drying type: Heat pump
- Drying capacity: 9kg
- Power: 700W
- Motor type: Universal
- Water tank capacity: 4,1L
- Noise level: 70dB
- IP degree: IPX4
- Body colour: White
- Door colour: White
- Diameter of door: 480mm
- Door type: PTC
- Soft Button + Knob
- Spin speed: 50-55rpm
- NET Weight: 45kg
- Size (WxDxH): 598 x 625 x 845mm

PROGRAMS

- Mixed
- Synthetics
- Cotton
- Shirts
- Sports
- Jeans
- Delicate
- Quick dry
- Bedding
- Down
- Towel
- Refresh
- Child lock

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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FEATURES

Heat pump technology: The new heat pump system can make the dryer run more efficiently, save energy and protect the environment.

Drying level selection: Choose the drying degree of clothes according to their needs- Light, Standard or Super.

Quick dry: Daily clothes that have been spinet in washing machine, such as shirts, can be quickly dried in 30 minutes without waiting too long.

Gentle dry: Drying gently at the temperature of 42°C can keep clothes fluffy and soft without damaging them.

Overheat protection: When the system detected that the temperature in the drum exceeds the normal value, it will automatically stop heating to prevent the risks.

Dual smart sensor: The temperature sensor and humidity sensor monitor the temperature and humidity of the inner drum in real time to prevent the clothes from being deformed, wrinkled and shrunk due to excessive drying.

Smart clean reminder: When the filter needs to be cleaned or water tank is full, the machine will automatically remind the user to avoid affecting the normal drying performance.

Touch buttons: Make the function selection easy.

Start delay: Set the washing machine start time or end time in advance from 1 to 24h. When the timer ends, the washing machine will automatically start or end the program. Arrange their time more flexibly.

Safety STOP: I During the drying process, if the user opens the door, the machine will automatically stop the program and resume operation after the door is closed to prevent accidents.

Anti-Winding: The inner drum will rotate counterclockwise for 5s after rotating clockwise for 10 minutes, turning the clothes inside to prevent them from being entangled.

LED display: The LED display allows the user to clearly see the drying time and progress, as well as other functions.

Child lock: When the drying machine is running, it can prevent potential accident caused by children accidentally touching the buttons.

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Scan each QR code to see product price and availability.

HOME APPLIANCES

refrigeration

REFRIGERATORS & COOLERS





Products

- Multi-Door Refrigerators
- Double-Door Refrigerators
- Single-Door Refrigerators
- Chest Freezers
- Wine and beverage coolers

Product Advantages

- No Frost function
- Inverter compressor
- Dual cooling system
- Energy efficient

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The Brand of Electricity

NO FROST MULTI (FRENCH) DOOR REFRIGERATOR 516L, EL-671R



CAT. NO: 300190

FEATURES

- NO FROST: Prevents ice and moisture build up in both the fridge and freezer.
- Inverter compressor
- Electronic Touch control with LED display: The temperature of different compartment can be accurately displayed and precisely controlled by the to touchable screen.
- Freezer recessed handles for gut aesthetic look
- Separated fruits and vegetables boxes for more convenient storage
- Dual cooling system: Prevent smells mixing, keep temperature uniform and his accurately adjustment
- 3D air cooling: Ensures food stays fresh longer. Keeps original taste, shape and colour.
- Platinum fresh: Plasma sterilization technology can ensure the deodorization of the Freezer and preserve the nutrition and flavor of the food.
- Smart sensor: Will adjust the cooling temperature automatically according to the requirement of the food and keep fresh.

TECHNICAL DATA

- Climate: T/ST/N/SN
- Energy class: E
- Colour: Inox
- Net volume: 516L
- Refrigerator volume: 345L
- Freezer volume: 170L
- External display
- Dimensions (WxDxH): 833x653x1898mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended



Scan each QR code to see product price and availability.

DUAL Cooling System

Dual Cooling System divide fridge zones and freezers, ensuring 2 independent working cycles.



- ✓ Prevent smells mixing
- ✓ Keep temperature uniform
- ✓ Adjust temperature accurately



3D Air Cooling

3D air cooling ensures food stays fresh longer. Keeps original taste, shape and color.





- ✓ Fresh color
- ✓ Original taste
- ✓ Original shape

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Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity

NO FROST MULTI DOOR REFRIGERATOR 516L, EL-670R



CAT. NO: 300191

FEATURES

- NO FROST: Prevents ice and moisture build up in both the fridge and freezer.
- Inverter compressor
- Electronic Touch control with LED display: The temperature of different compartment can be accurately displayed and precisely controlled by the to touchable screen.
- Freezer recessed handles for gut aesthetic look
- Separated fruits and vegetables boxes for more convenient storage
- Dual cooling system: Prevent smells mixing, keep temperature uniform and his accurately adjustment
- 3D air cooling: Ensures food stays fresh longer. Keeps original taste, shape and colour.
- Platinum fresh: Plasma sterilization technology can ensure the deodorization of the Freezer and preserve the nutrition and flavor of the food.
- Smart sensor: Will adjust the cooling temperature automatically according to the requirement of the food and keep fresh.

TECHNICAL DATA

- Climate: T/ST/N/SN
- Energy class: E
- Colour: Inox
- Net volume: 516L
- Refrigerator volume: 345L
- Freezer volume: 170L
- External display
- Dimensions (WxDxH): 833x653x1898mm



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DUAL Cooling System

Dual Cooling System divide fridge zones and freezers, ensuring 2 independent working cycles.



- ✓ Prevent smells mixing
- ✓ Keep temperature uniform
- ✓ Adjust temperature accurately



3D Air Cooling

3D air cooling ensures food stays fresh longer. Keeps original taste, shape and color.





- ✓ Fresh color
- ✓ Original taste
- ✓ Original shape

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NO FROST SIDE BY SIDE REFRIGERATOR 516L WITH HOME BAR AND ICE MAKER, EL-657R



CAT. NO: 300192

FEATURES

- NO FROST: Prevents ice and moisture build up in both the fridge and freezer.
- With super freezing and super cooling function
- Electronic Touch control with LED display: The temperature of different compartment can be accurately displayed and precisely controlled by the to touchable screen.
- Multi air flow design
- Separated fruits and vegetables boxes for more convenient storage
- Dual cooling system: Prevent smells mixing, keep temperature uniform and his accurately adjustment
- 3D air cooling: Ensures food stays fresh longer. Keeps original taste, shape and colour.
- Platinum fresh: Plasma sterilization technology can ensure the deodorization of the Freezer and preserve the nutrition and flavor of the food.
- Automatic ice maker
- Child lock function
- Vacation mode
- Home bar with easy touch open door

TECHNICAL DATA

- Climate: T/ST/N/SN
- Energy class: E
- Colour: Inox
- Net volume: 516L
- Refrigerator volume: 334L
- Freezer volume: 182L
- External display
- Dimensions (WxDxH): 895x745x1788mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended



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AUTOMATIC Ice Maker



3 Ice-making modes

- ✓ Ice water
- ✓ Crushed ice
- ✓ Ice block



HOME Bar Design

With easy-touch open devise you can take drinks as you needed without opening the door.



Electronic Control with LED DISPLAY

The temperature of different compartment can be accurately displayed and precisely controlled by to the touchable screen.



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NO FROST SIDE BY SIDE REFRIGERATOR 548L, EL-689R



CAT. NO: 300193

FEATURES

- NO FROST: Prevents ice and moisture build up in both the fridge and freezer.
- With super freezing and super cooling function
- Electronic Touch control with LED display: The temperature of different compartment can be accurately displayed and precisely controlled by the to touchable screen.
- Multi air flow design
- Separated fruits and vegetables boxes for more convenient storage
- Dual cooling system: Prevent smells mixing, keep temperature uniform and his accurately adjustment
- 3D air cooling: Ensures food stays fresh longer. Keeps original taste, shape and colour.
- Platinum fresh: Plasma sterilization technology can ensure the deodoration of the Freezer and preserve the nutrition and flavor of the food.
- Automatic ice maker
- Child lock function
- Vacation mode

TECHNICAL DATA

- Climate: T/ST/N/SN
- Energy class: E/F
- Colour: Inox
- Net volume: 548L
- Refrigerator volume: 350L
- Freezer volume: 198L
- External display
- External door handle
- Dimensions (WxDxH): 895x745x1788mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended



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Scan each QR code to see product price and availability.

AUTOMATIC Ice Maker



3 Ice-making modes

- ✓ Ice water
- ✓ Crushed ice
- ✓ Ice block



Electronic Control with LED DISPLAY



The temperature of different compartment can be accurately displayed and precisely controlled by to the touchable screen.

ELMARK
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NO FROST COMBI REFRIGERATOR 310L, EL-403RW



CAT. NO: 300194

FEATURES

- NO FROST: Prevents ice and moisture build up in both the fridge and freezer.
- Assist close: By big door angle is triggered alarm. Auto closed door when there by small gap.
- Fish and meat compartment: Create a box with approach to 0°, suitable for meat and fish which would keep they fresh longer.
- With fast cooling function
- Electronic Touch control with LED display: The temperature of different compartment can be accurately displayed and precisely controlled by the to touchable screen.
- Multi air flow design
- Large fruit and vegetables crisper
- Dual cooling system: Prevent smells mixing, keep temperature uniform and his accurately adjustment
- LED light
- 2L bottle rack
- Reversible door
- Low noise

TECHNICAL DATA

- Climate: ST/N/SN
- Energy class: E
- Colour: White
- Net volume: 310L
- Refrigerator volume: 224L
- Freezer volume: 86L
- External display
- Dimensions (WxDxH): 595x645x1880mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended



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Assist-close

Automatic closing of the door
when it is imperceptibly open.



Dual temperature control

Double precise temperature control, the temperature of the fridge and freezing zone is accurate to every degree, the food could be kept fresh for long time.



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ELMARK
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NO FROST COMBI REFRIGERATOR 310L, EL-403R



CAT. NO: 300195

FEATURES

- NO FROST: Prevents ice and moisture build up in both the fridge and freezer.
- Assist close: By big door angle is triggered alarm. Auto closed door when there by small gap.
- Fish and meat compartment: Create a box with approach to 0°, suitable for meat and fish which would keep they fresh longer.
- With fast cooling function
- Electronic Touch control with LED display: The temperature of different compartment can be accurately displayed and precisely controlled by the to touchable screen.
- Multi air flow design
- Large fruit and vegetables crisper
- Dual cooling system: Prevent smells mixing, keep temperature uniform and his accurately adjustment
- LED light
- 2L bottle rack
- Reversible door
- Low noise

TECHNICAL DATA

- Climate: ST/N/SN
- Energy class: E/
- Colour: Inox
- Net volume: 310L
- Refrigerator volume: 224L
- Freezer volume: 86L
- External display
- Dimensions (WxDxH): 595x645x1880mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended



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Scan each QR code to see product price and availability.

Assist-close

Automatic closing of the door
when it is imperceptibly open.



Dual temperature control

Double precise temperature control, the temperature of the fridge and freezing zone is accurate to every degree, the food could be kept fresh for long time.



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Scan each QR code to see product price and availability.

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LOW FROST COMBI REFRIGERATOR 260L, EL-348R



CAT. NO: 300196

FEATURES

- Assist close: By big door angle is triggered alarm. Auto closed door when there by small gap.
- Fish and meat compartment: Create a box with approach to 0°, suitable for meat and fish which would keep they fresh longer.
- Mechanical temperature control
- Large fruit and vegetables crisper
- Dual cooling system: Prevent smells mixing, keep temperature uniform and his accurately adjustment
- LED light
- 2L bottle rack
- Reversible door
- Transparent drawers



TECHNICAL DATA

- Climate: ST/N
- Energy class: E
- Colour: White
- Net volume: 260L
- Refrigerator volume: 198L
- Freezer volume: 62L
- Dimensions (WxDxH): 545x580x1800mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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Scan each QR code to see product price and availability.

DOUBLE DOOR REFRIGERATOR 235L, EL-312R



CAT. NO: 300197

FEATURES

- Active-C Fresh: Keep the air fresh and clean
- Humidity control
- Large door bins for 2 L Bottles
- Mechanical temperature control
- Fruit and vegetables crisper
- Dual cooling system: Prevent smells mixing, keep temperature uniform and his accurately adjustment
- LED light



TECHNICAL DATA

- Climate: T/ST/N
- Energy class: E
- Colour: White
- Net volume: 235L
- Refrigerator volume: 194L
- Freezer volume: 41L
- Dimensions (WxDxH): 550x550x1590mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

Active-C Fresh

Keep the air fresh and clean.



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Scan each QR code to see product price and availability.

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SINGLE DOOR REFRIGERATOR 360L, EL-481R



CAT. NO: 300198

FEATURES

- NO FROST: Prevents ice and moisture build up in both the fridge and freezer.
- High humidity preservation system: By collecting and recycling the evaporated water, the humidity of the refrigerator compartment can be increase over 60%., extend the freshness of the fruits and vegetables.
- Zero clearance: Box can be easily pull out when door opened at 90°. Easy to place refrigerator against wall
- Vegetable crisper with humidity control: Provide a longer freshness.
- Multi air and uniform flow: Can assures the even circulation of the cold air throughout the entire compartment.
- Electronic control with LED
- Reversible door

TECHNICAL DATA

- Climate: T/ST/N/SN
- Energy class: E
- Colour: White
- Net volume: 360L
- Dimensions (WxDxH): 595x618x1850mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended





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Scan each QR code to see product price and availability.

Freezers



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SINGLE DOOR FREEZER 273L, EL-364F



CAT. NO: 300199

FEATURES

- NO FROST: Prevents ice and moisture build up in the freezer
- High humidity preservation system: By collecting and recycling the evaporated water, the humidity of the refrigerator compartment can be increase over 60%., extend the freshness of the fruits and vegetables.
- Zero clearance: Box can be easily pull out when door opened at 90°. Easy to place refrigerator against wall
- Vegetable crisper with humidity control: Provide a longer freshness.
- Multi air and uniform flow: Can assures the even circulation of the cold air throughout the entire compartment.
- Electronic control with LED
- Reversible door

TECHNICAL DATA

- Climate: T/ST/N/SN
- Energy class: E
- Colour: White
- Net volume: 273L
- Dimensions (WxDxH): 595x618x1850mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended





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CHEST FREEZER 198L, EL-259F



CAT. NO: 300202

FEATURES

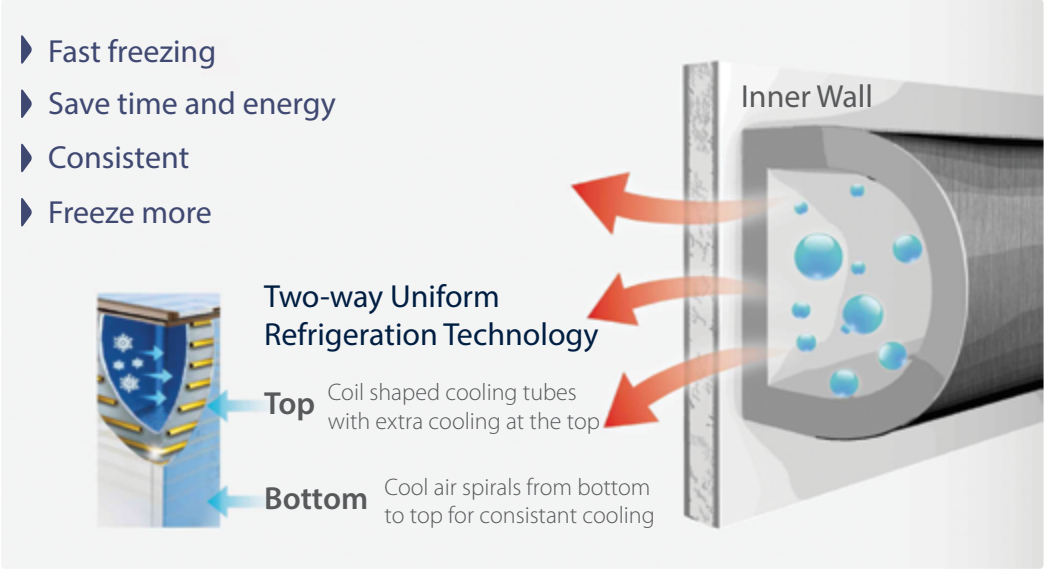
- Fitted D-Shaped tube refrigeration
- Two way uniform refrigeration technology
- Hovering door: can be opened and staying at different angles from 45° to 75°
- Adjustable thermostat
- Easy to clean
- Removable storage basket
- Built-in hinge
- Convenient drain tube
- High temperature alarm
- Spiral evaporator

TECHNICAL DATA

- Climate: T/ST/N/SN
- Energy class: E
- Colour: White
- Net volume: 198L
- Dimensions (WxDxH): 812x550x850mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

Fitted D-Shaped Tube Refrigeration



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CHEST FREEZER 295L, EL-384F



CAT. NO: 300203

FEATURES

- Fitted D-Shaped tube refrigeration
- Two way uniform refrigeration technology
- Hovering door: can be opened and staying at different angles from 45° to 75°
- Adjustable thermostat
- Easy to clean
- Removable storage basket
- Built-in hinge
- Convenient drain tube

TECHNICAL DATA

- Climate: T/ST/N/SN
- Energy class: E
- Colour: White
- Net volume: 295L
- Dimensions (WxDxH): 1115x670x850mm

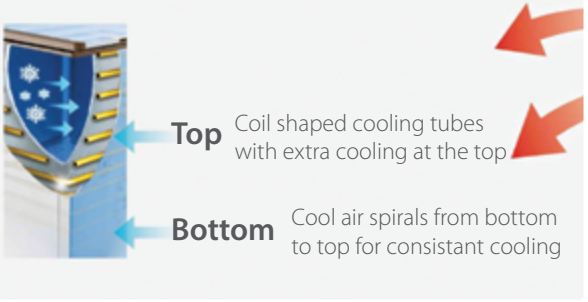
5 YEARS TOTAL WARRANTY
2 standard + 3 extended

Hovering Door

The door can be opened and staying at different angles from 45° to 75°



Two-way Uniform Refrigeration Technology



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Built-in Refrigerators



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BUILT-IN NO FROST REFRIGERATOR 248L, EL-332R.BI



CAT. NO: 300220

FEATURES

- NO FROST: Prevents ice and moisture build up in the freezer
- Dual cooling system: Prevent smells mixing, keep temperature uniform and his accurately adjustment
- Touch control
- Sliding box for pizza



TECHNICAL DATA

- Climate: T/ST/N/SN
- Energy class: E
- Net volume: 248L
- Refrigerator volume: 180L
- Freezer volume: 68L
- Dimensions (WxDxH): 540x545x1772mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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BUILT-IN NO FROST REFRIGERATOR 300L, EL-390R.BI



CAT. NO: 300221

FEATURES

- NO FROST: Prevents ice and moisture build up in both the fridge and freezer.
- Dual cooling system: Prevent smells mixing, keep temperature uniform and his accurately adjustment
- Touch control
- Sliding box for pizza



TECHNICAL DATA

- Climate: T/ST/N/SN
- Energy class: E
- Net volume: 300L
- Refrigerator volume: 213L
- Freezer volume: 87L
- Dimensions (WxDxH): 540x545x1940mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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BUILT-IN NO FROST SINGLE DOOR REFRIGERATOR 304L, EL-402R.BI



CAT. NO: 300222

FEATURES

- NO FROST: Prevents ice and moisture build up in both the fridge and freezer.
- Dual cooling system: Prevent smells mixing, keep temperature uniform and his accurately adjustment
- Touch control
- LED light



TECHNICAL DATA

- Climate: T/ST/N/SN
- Energy class: E
- Net volume: 300L
- Dimensions (WxDxH): 540x545x1772mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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BUILT-IN NO FROST SINGLE DOOR REFRIGERATOR / FREEZER 212L, EL-285F.BI



CAT. NO: 300223

FEATURES

- NO FROST: Prevents ice and moisture build up in both the fridge and freezer.
- Dual cooling system: Prevent smells mixing, keep temperature uniform and his accurately adjustment
- Touch control
- LED light
- Sliding box for pizza
- Convertible for freezer or fridge



TECHNICAL DATA

- Climate: T/ST/N/SN
- Energy class: E
- Net volume: 212L
- Dimensions (WxDxH): 540x545x1772mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

Scan each QR code to see product price and availability.

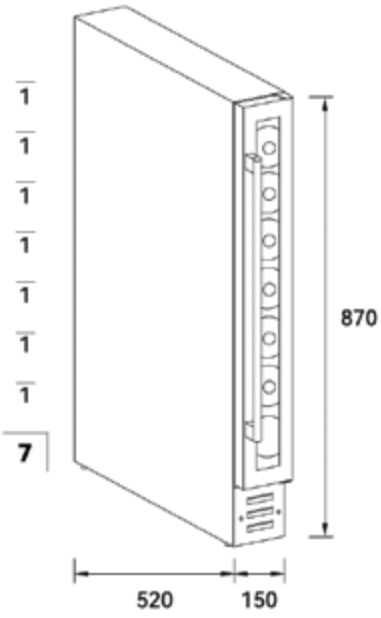
WINE COOLERS



BUILT-UNDER WINE COOLER FOR 7 BOTTLES WITH SINGLE COOLING ZONE, EL-UWC7S



CAT. NO: 300225



FEATURES

- Electronic touchpad control
- LED display and stylish lights
- Full glass door
- Wide temperature range
- Adjustable feet
- UV-Resistant double pane glass: UV-resistant & Well insulated
- Interior light control system: Interior light ON and OFF automatically by opening & closing the door
- Active charcoal filter: Eliminate odors inside

TECHNICAL DATA

- Climate class: SN / N / ST
- Energy class: G
- Rated voltage: 220-240V/50Hz
- Power: 60W
- Bottle capacity: 7
- Volume: 20L
- Cooling zone: 1
- Temperature range: 5-20°C
- Temp. control: Electronic
- Door style: Black full glass door
- Energy class: G
- Cooling system: Circulated fan cooling system with R600a
- Refrigerant: R600a
- Noise level: 42dB
- Defrosting: Auto
- Shelf: no shelves- moulded cavity
- LED lighting: Included
- Display type: LED
- Controller: Touch
- Mounting type: Under countertop or cabinetry
- Leg: Adjustable
- Net weight: 17.6kg
- Dimensions (W x D x H): 150 x 525 x 870mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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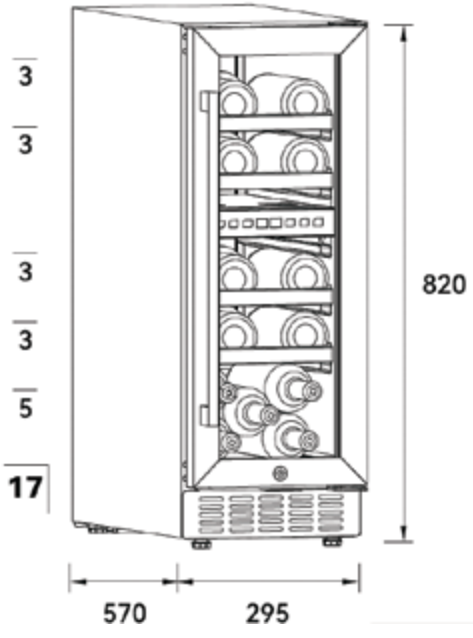
BUILT-UNDER WINE COOLER FOR 17 BOTTLES WITH DUAL COOLING ZONE, EL-UWC17D



CAT. NO: 300226



FEATURES

- Electronic touch pad control
- LED display and stylish lights
- Full glass door
- Wide dual temperature range
- Adjustable feet
- UV-Resistant double pane glass: UV-resistant & Well insulated
- Interior light control system: Interior light ON and OFF automatically by opening & closing the door
- Active charcoal filter: Eliminate odors inside

TECHNICAL DATA

- Climate class: SN / N / ST
- Energy class: G
- Rated voltage: 220-240V/50Hz
- Power: 65W
- Bottle capacity: 17
- Volume: 52L
- Cooling zone: 2
- Temperature range UP: 5-22°C
- Temperature range DOWN: 5-22°C
- Temp. control: Electronic
- Door style: Black full glass door
- Energy class: G
- Cooling system: Circulated fan cooling system with R600a
- Refrigerant: R600a
- Noise level: 42dB
- Defrosting: Auto
- Shelf: 4 Beech wooden shelves
- LED lighting: Included
- Display type: LED
- Controller: Touch
- Mounting type: Under countertop or cabinetry
- Leg: Adjustable
- Net weight: 26.5kg
- Dimensions (W x D x H): 275 x 570 x 820mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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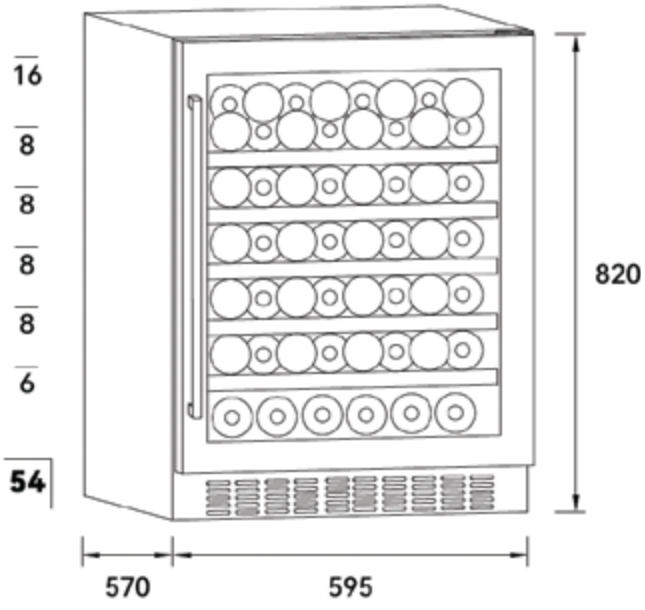
BUILT-UNDER WINE COOLER FOR 46 BOTTLES WITH DUAL COOLING ZONE, EL-UWC46D



CAT. NO: 300227

5 YEARS TOTAL WARRANTY
2 standard + 3 extended



FEATURES

- Electronic touchpad control
- LED display and stylish lights
- Full glass door
- Wide dual temperature range
- Adjustable feet
- UV-Resistant double pane glass: UV-resistant & Well insulated
- Interior light control system: Interior light ON and OFF automatically by opening & closing the door
- Active charcoal filter: Eliminate odors inside

TECHNICAL DATA

- Climate class: SN / N / ST
- Rated voltage: 220-240V/50Hz
- Power: 70W
- Bottle capacity: 46
- Volume: 129L
- Cooling zone: 2
- Temperature range UP: 5-22°C
- Temperature range DOWN: 5-22°C
- Temp. control: Electronic
- Door style: Black full glass door
- Energy class: G
- Cooling system: Circulated fan cooling system with R600a
- Refrigerant: R600a
- Noise level: 43dB
- Defrosting: Auto
- Shelf: 5 Beech wooden shelves
- LED lighting: Included
- Display type: LED
- Controller: Touch
- Mounting type: Under countertop or cabinetry
- Leg: Adjustable
- Net weight: 42.4kg
- Dimensions (W x D x H): 595 x 570 x 820mm

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Scan each QR code to see product price and availability.

BUILT-UNDER DOUBLE DOOR COOLER FOR 63 CANS & 20 BOTTLES WITH DUAL COOLING ZONE, EL-UWC63D



CAT. NO: 300228

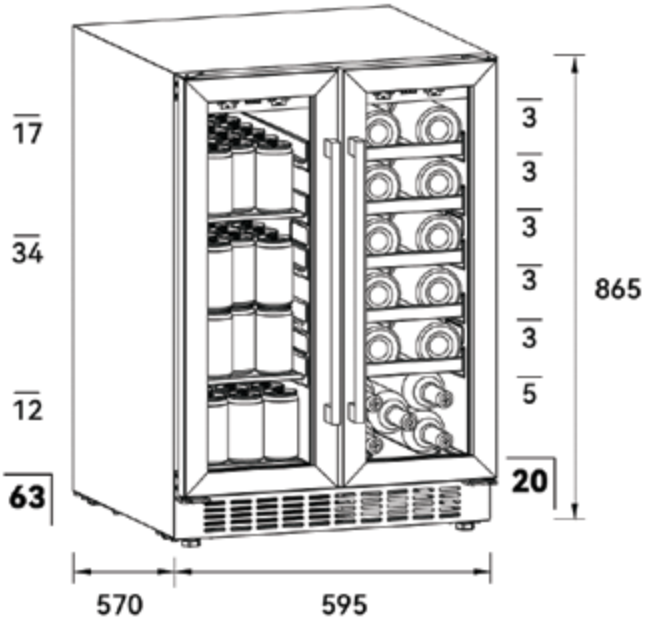
5 YEARS TOTAL WARRANTY
2 standard + 3 extended

FEATURES

- Dual cooling and drinks zone
- Electronic touchpad control
- LED display and stylish lights
- Full glass door
- Wide dual temperature range
- Adjustable feet
- UV-Resistant double pane glass: UV-resistant & Well insulated
- Interior light control system: Interior light ON and OFF automatically by opening & closing the door
- Active charcoal filter: Eliminate odors inside

TECHNICAL DATA

- Climate class: SN / N / ST
- Rated voltage: 220-240V/50Hz
- Power: 70W
- Cans capacity: 63
- Bottle capacity: 20
- Volume: 123L
- Cooling zone: 2
- Temperature range LEFT: 5-20°C
- Temperature range RIGHT: 5-20°C
- Temp. control: Electronic
- Door style: Black full glass door
- Energy class: G
- Cooling system: Circulated fan cooling system with R600a
- Refrigerant: R600a
- Noise level: 43dB
- Defrosting: Auto
- Shelf: 3 Glass shelves and 5 Beech wooden shelves
- LED lighting: Included
- Display type: LED
- Controller: Touch
- Mounting type: Under countertop or cabinetry
- Leg: Adjustable
- Net weight: 46.1kg
- Dimensions (W x D x H): 595 x 570 x 865mm



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Scan each QR code to see product price and availability.

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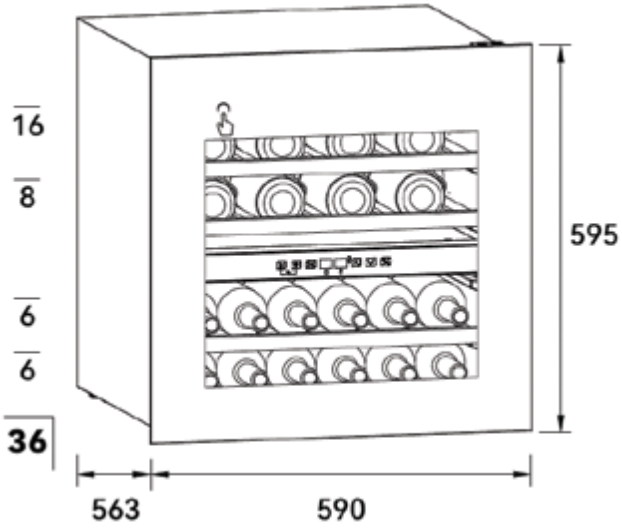
BUILT-IN WINE COOLER FOR 36 BOTTLES WITH DUAL COOLING ZONE, EL-BIWC36D



CAT. NO: 300231



FEATURES

- Handless door with PUSH PULL system
- Electronic touch pad control
- LED display and stylish lights
- Full glass door
- Wide dual temperature range
- UV-Resistant double pane glass: UV-resistant & Well insulated
- Interior light control system: Interior light ON and OFF automatically by opening & closing the door
- Active charcoal filter: Eliminate odors inside

TECHNICAL DATA

- Climate class: SN / N / ST
- Rated voltage: 220-240V/50Hz
- Power: 65W
- Bottle capacity: 36
- Volume: 85L
- Cooling zone: 2
- Temperature range UP: 5-22°C
- Temperature range DOWN: 5-22°C
- Temp. control: Electronic
- Door style: Black full glass door
- Energy class: G
- Cooling system: Circulated fan cooling system with R600a
- Refrigerant: R600a
- Noise level: 42dB
- Defrosting: Auto
- Shelf: 3 Beech wooden shelves
- LED lighting: Included
- Display type: LED
- Controller: Touch
- Mounting type: Built-in
- Net weight: 32.3kg
- Dimensions (W x D x H): 590 x 563 x 595mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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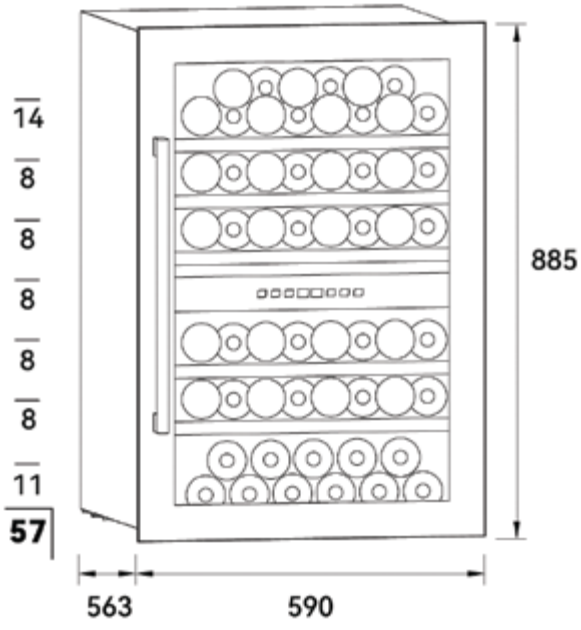
Scan each QR code to see product price and availability.

BUILT-IN WINE COOLER FOR 57 BOTTLES WITH DUAL COOLING ZONE, EL-BIWC57D



CAT. NO: 300232



FEATURES

- Electronic touch pad control
- LED display and stylish lights
- Full glass door
- Wide dual temperature range
- UV-Resistant double pane glass: UV-resistant & Well insulated
- Interior light control system: Interior light ON and OFF automatically by opening & closing the door
- Active charcoal filter: Eliminate odors inside

TECHNICAL DATA

- Climate class: SN / N / ST
- Rated voltage: 220-240V/50Hz
- Power: 65W
- Bottle capacity: 57
- Volume: 145L
- Cooling zone: 2
- Temperature range UP: 5-22°C
- Temperature range DOWN: 5-22°C
- Temp. control: Electronic
- Door style: Black full glass door
- Energy class: G
- Cooling system: Circulated fan cooling system with R600a
- Refrigerant: R600a
- Noise level: 43dB
- Defrosting: Auto
- Shelf: 5 Beech wooden shelves
- LED lighting: Included
- Display type: LED
- Controller: Touch
- Mounting type: Built-in
- Net weight: 42kg
- Dimensions (W x D x H): 590 x 563 x 885mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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ELMARK
The Brand of Electricity

FREE-STANDING SINGLE ZONE WINE COOLER 130L, EL-169C



CAT. NO: 300201

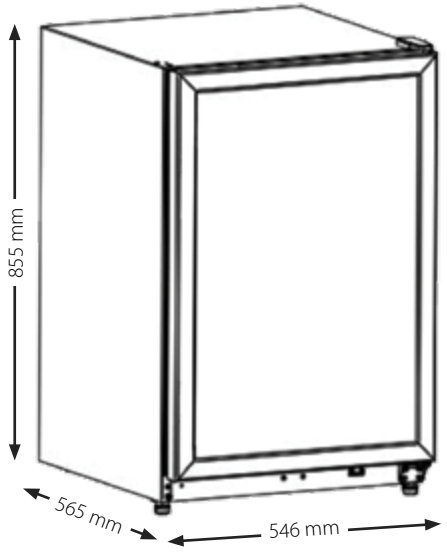
FEATURES

- Electronic control
- Steinless steel handle
- Wooden shelf
- Open door alarm

TECHNICAL DATA

- Climate: N/SN
- Energy class: G
- Colour: Black
- Net volume: 130L
- Botle capacity: 45
- Dimensions (WxDxH): 546x565x855mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended





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Scan each QR code to see product price and availability.

FREE-STANDING WINE COOLER FOR 77 BOTTLES WITH DUAL COOLING ZONE, EL-FSWC77D



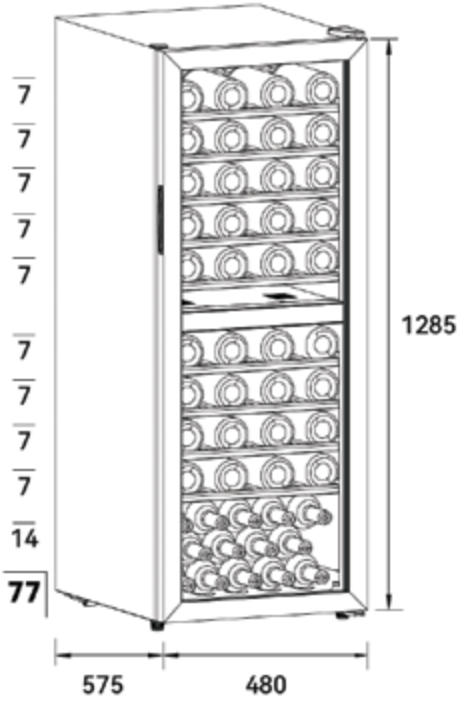
CAT. NO: 300230

FEATURES

- Electronic touch pad control
- LED display and stylish lights
- Full glass door
- Wide dual temperature range
- Adjustable feet
- UV-Resistant double pane glass: UV-resistant & Well insulated
- Interior light control system: Interior light ON and OFF automatically by opening & closing the door
- Active charcoal filter: Eliminate odors inside

TECHNICAL DATA

- Climate class: SN / N / ST
- Rated voltage: 220-240V/50Hz
- Power: 60W
- Bottle capacity: 77
- Volume: 193L
- Cooling zone: 2
- Temperature range UP: 5-22°C
- Temperature range DOWN: 5-22°C
- Temp. control: Electronic
- Door style: Black full glass door
- Energy class: G
- Cooling system: Circulated fan cooling system with R600a
- Refrigerant: R600a
- Noise level: 43dB
- Defrosting: Frost free
- Shelf: 5 Beech wooden shelves
- LED lighting: Included
- Display type: LED
- Controller: Touch
- Mounting type: Free-standing
- Leg: Adjustable
- Net weight: 43.9kg
- Dimensions (W x D x H): 480 x 575 x 1285mm



5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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Scan each QR code to see product price and availability.

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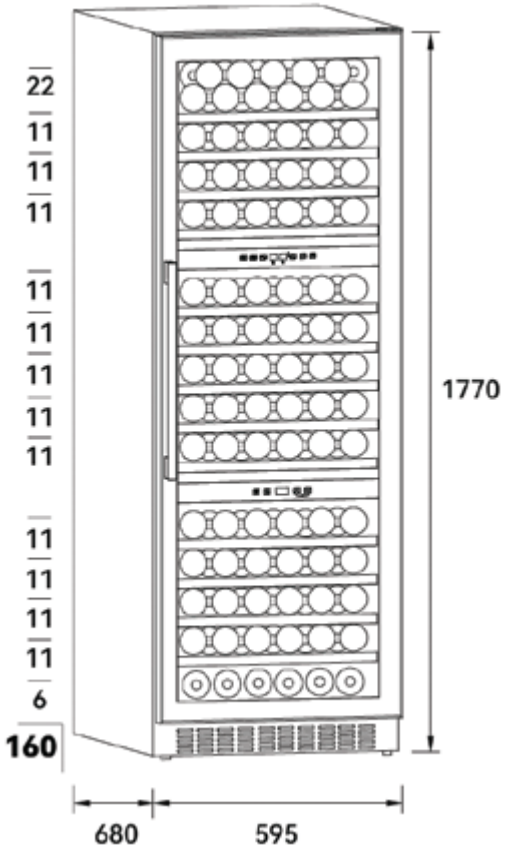
FREE-STANDING / BUILT-UNDER WINE COOLER FOR 171 BOTTLES WITH SINGLE COOLING ZONE, EL-UWC171S



CAT. NO: 300229



FEATURES

- Electronic touch pad control
- LED display and stylish lights
- Full glass door
- Wide temperature range
- Adjustable feet
- UV-Resistant double pane glass: UV-resistant & Well insulated
- Interior light control system: Interior light ON and OFF automatically by opening & closing the door
- Active charcoal filter: Eliminate odors inside

TECHNICAL DATA

- Climate class: SN / N / ST
- Rated voltage: 220-240V/50Hz
- Power: 65W
- Bottle capacity: 171
- Volume: 424L
- Cooling zone: 1
- Temperature range: 5-20°C
- Temp. control: Electronic
- Door style: Black full glass door
- Energy class: G
- Cooling system: Circulated fan cooling system with R600a
- Refrigerant: R600a
- Noise level: 43dB
- Defrosting: Auto
- Shelf: 15 Beech wooden shelves
- LED lighting: Included
- Display type: LED
- Controller: Touch
- Mounting type: Free-standing or under countertop or cabinetry
- Leg: Adjustable
- Net weight: 88kg
- Dimensions (W x D x H): 595 x 680 x 1770mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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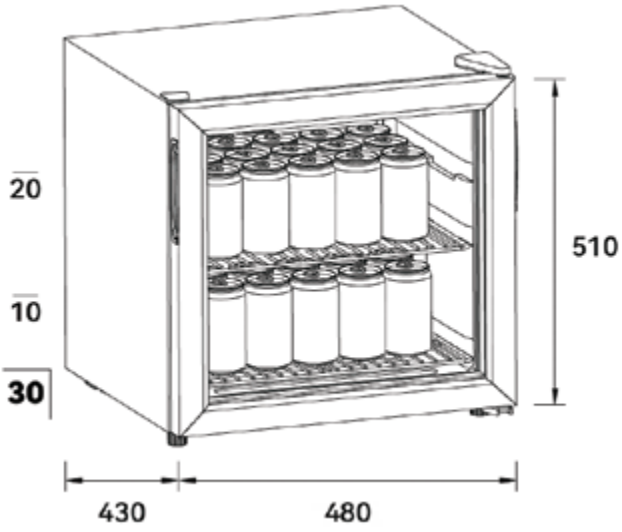
Scan each QR code to see product price and availability.

BEVERAGE COOLER FOR 30 CANS SINGLE ZONE, EL-YC40



CAT. NO: 300224

5 YEARS TOTAL WARRANTY
2 standard + 3 extended



FEATURES

- Electronic touch pad control
- LED display and stylish lights
- Adjustable feet
- UV-Resistant double pane glass: UV-resistant & Well insulated
- Interior light control system: Interior light ON and OFF automatically by opening & closing the door
- Active charcoal filter: Eliminate odors inside

TECHNICAL DATA

- Climate class: SN / N / ST
- Rated voltage: 220-240V/50Hz
- Power: 60W
- Cans capacity: 30
- Volume: 40L
- Cooling zone: 1
- Temperature range: 0-10°C
- Temp. control: Electronic
- Door style: Black plastic door frame
- Energy class: G
- Cooling system: Circulated fan cooling system with R600a
- Refrigerant: R600a
- Noise level: 42dB
- Defrosting: Frost free
- Shelf: 1 Chrome wire shelf
- LED lighting: Included
- Display type: LED
- Controller: Touch
- Mounting type: Free-standing
- Leg: Adjustable
- Net weight: 18.8kg
- Dimensions (W x D x H): 480 x 430 x 510mm



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home appliances

ELECTRIC WATER HEATERS & AIR HEATERS





Products

- Over sink water heaters
- Under sink water heaters
- Round water heaters 30L to 100L
- Smart water heaters 50L to 100L
- Bathroom air heaters
- Free standing air heaters
- Patio outdoor halogen heater

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A



CRANE INSTANT OVER SINK WATER HEATER, EL70035-J

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

300111

FEATURES:

- Compact size, flexible installation
- Express heating without extra waiting
- Dual powerful protection: built-in temperature sensor, automatically cuts off the power when detecting conditions of dry heating or overheat
- Durable red copper heating element: resistant to corrosion and scaling
- Legible panel with easily- operating rotary knob: 3 level temperature adjustment

TECHNICAL DATA

- Model: EL70035-J
- Variant: Crane
- Type: Open
- Rated Voltage: 220-240V AC
- Rated Power: 3500W
- Rated current: 16A
- Max. outlet water temperature: 55°C
- Max. temperature: 95°C
- Diameter of wire: 1.5mm^2
- Rated pressure: 0MPa
- Minimum flow rate: 2.5L/min
- Minimum pressure: 0.03MPa
- Maximum pressure: 0.3MPa
- Annual consumption of electricity AEC: 464kWh/annum
- Protection against electric shock: Class I
- Mounting: Wall mounting
- IP degree: IPX4
- Dimension (HxWxD): 159x272x112mm
- Pipe size: 1/2"
- Energy class: A

A



COMBI INSTANT OVER SINK WATER HEATER, EL70065-J

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

300112

FEATURES:

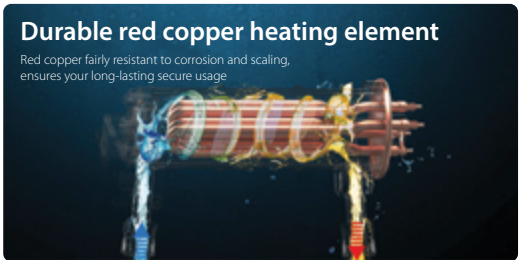
- Compact size, flexible installation
- Express heating without extra waiting
- Dual powerful protection: built-in temperature sensor, automatically cuts off the power when detecting conditions of dry heating or overheat
- Durable red copper heating element: resistant to corrosion and scaling
- Legible panel with easily- operating rotary knob: 3 level temperature adjustment

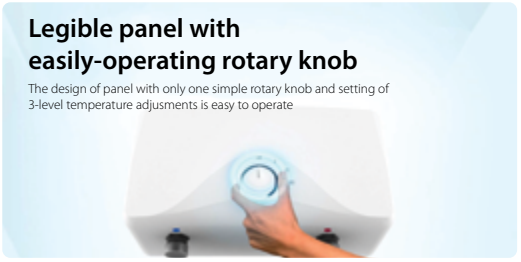
TECHNICAL DATA

- Model: EL70065-J
- Variant: Combi
- Type: Open
- Rated Voltage: 220-240V AC
- Rated Power: 6500W
- Rated current: 30A
- Max. outlet water temperature: 55°C
- Max. temperature: 95°C
- Diameter of wire: 4mm^2
- Rated pressure: 0MPa
- Minimum flow rate: 2.5L/min
- Minimum pressure: 0.03MPa
- Maximum pressure: 0.3MPa
- Annual consumption of electricity AEC: 466.2kWh/annum
- Protection against electric shock: Class I
- Mounting: Wall mounting
- IP degree: IPX4
- Dimension (HxWxD): 159x272x112mm
- Pipe size: 1/2"
- Energy class: A









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MINI UNDER SINK INSTANT WATER HEATER, EL57-EA2

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

300110

FEATURES:

- Super MINI body, easy to install
- 5.7kW high power product, heating only takes 3S
- Easy touch operation: clear and intuitive status display
- Precise temperature control: ±1°C
- AI intelligent constant temperature conversion
- Cast aluminum heater, anti-corrosion and more durable
- Adhesion layer: The prefect marriage of enamel layer and steel plate layer with micro-powder materials.
- Hydro-power separation
- Dry heating prevention
- Self-check protection
- Fire protection
- Ground protection
- Over pressure protection
- Over temperature protection
- Fire protection

TECHNICAL DATA

- Model: EL57-EA2
- Rated Voltage: 220-240V AC
- Rated Power: 5700W
- Rated current: 24.8A
- Rated Pressure: 0.8 Mpa
- Max. water temperature: 55°C
- Temperature range: 30-48°C
- Minimum flow rate: 1.5L/min
- Diameter of wire: 2.5mm^2
- Annual consumption of electricity AEC: 466kWh/annum
- Protection against electric shock: Class I
- Mounting: Wall mounting
- IP degree: IPX4
- Dimension (LxDxH): 220x70x185mm
- Pipe size: 1/2"
- Energy class: A

3S FAST HEAT, UNLIMITED HOT WATER OUTPUT

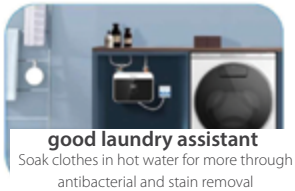
5.7kW high-power product, heating only takes 3S, allowing warmth to reach every corner quickly



good kitchen partner
Warn water to wash vegetables and dishes without hurting hands



good for bathroom use
Warn water to wash your face and brush your teeth without irritation



good laundry assistant
Soak clothes in hot water for more through antibacterial and stain removal

good laundry assistant
Soak clothes in hot water for more thorough antibacterial and stain removal

SIMPLE AND RELIABLE OPERATING SYSTEM

easy to use

1—After turning on the power, touch to switch the machine on and off
2—Adjustment button after power on
Temp: 30-48°, and step 1°
Power: switch at 3.6.4.4 and 5.7kW



CLEAR AND INTUITIVE STATUS DISPLAY

clear display

A—Always on when there is no fault
B—Always on when grounded normally
C—Lights up when temperature adjustment or temperature display
D—Lights up when power adjustment or turns off when done

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300101

SMALL SIZE UNDER SINK TANK WATER HEATER 7L, EL07-15A KITCHEN PRO

TECHNICAL DATA

- Model: EL07-15A
- Rated Voltage: 220-240V AC
- Rated Power: 1500W
- Volume: 7L
- Rated Pressure: 0.75 Mpa
- Maximum temperature of the thermostat Tmax: 65°C
- Mixed water at 40°C V40: 4L
- Annual consumption of electricity AEC: 514kWh/annum
- Protection against electric shock: Class I
- Mounting: Vertical
- IP degree: IPX4
- Dimension (LxDxH): 234x234x390mm
- Pipe size: 1/2"
- Energy class: A

FEATURES:

- Small size, easy to install
- Three steps temperature adjustment
- TI-enamel tech: ultimate protection against rust and corrosion. The sapphire layer provides several times the corrosion resistance compared to standard inner tank designs.
- Decarburization steel plate layer: Made of high quality steel (1.5mm) and carbon content of less than 0.12, stronger impact resistant for 80,000 times.
- Adhesion layer: The prefect marriage of enamel layer and steel plate layer with micro-powder materials.
- Anti-dry heating
- Anti-high pressure
- Anti-over heat

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

CONTINUOUS FLOW OF HOT WATER

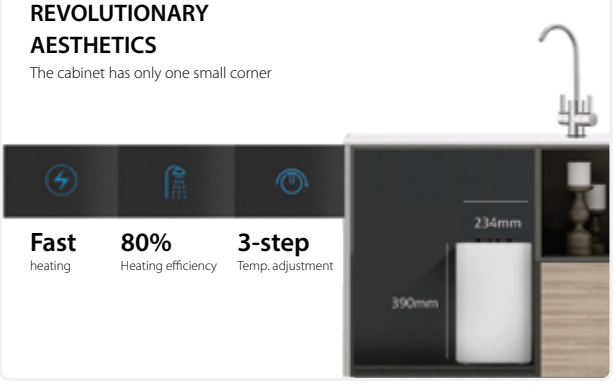


80% Heating efficiency

2100W heating power
Rapid warming
Ultra short water outlet
Reduce heat loss

REVOLUTIONARY AESTHETICS

The cabinet has only one small corner



THREE-STEP TEMPERATURE ADJUSTMENT



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OVER SINK TANK WATER HEATER 10L, EL10-20VGA KITCHEN PRO



300100

FEATURES:

- Compact size, easy to install
- Single weld line design: reduce over 67% water leakage risk than 3 weld lines
- Anti-dry heating
- Anti-high pressure
- Anti-over heat

TECHNICAL DATA

- Model: EL10-20VGA
- Rated Voltage: 220-240V AC
- Rated Power: 2000W
- Volume: 10L
- Rated Pressure: 0.75 Mpa
- Maximum temperature of the thermostat Tmax: 65°C
- Mixed water at 40°C V40: 15L
- Annual consumption of electricity AEC: 517.48kWh/annum
- Protection against electric shock: Class I
- Mounting: Vertical
- IP degree: IPX4
- Dimension (HxWxD): 324x324x315mm
- Pipe size: 1/2"
- Energy class: A



5 YEARS TOTAL WARRANTY
2 standard + 3 extended

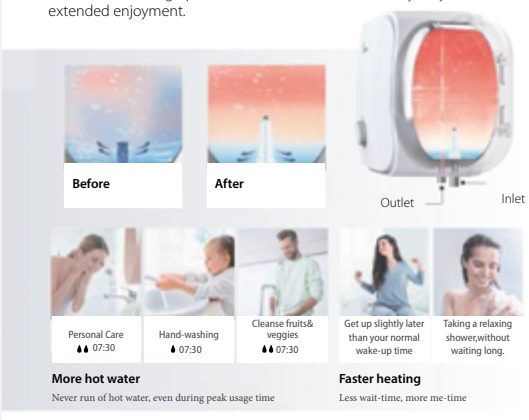
MORE HEAT PRESERVED, LESS ENERGY CONSUMED

The thick polyurethane insulation layer slows down the heat loss in the tank, and as such reduces the energy consumption caused by unnecessary repetitive heating.



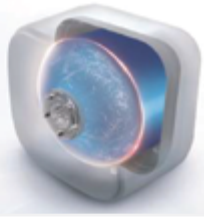
FLOWGUIDE TECHNOLOGY

Supported by our FlowGuide, the utilization of hot water is greatly enhanced, allowing up to 20% more hot water availability for your extended enjoyment.



SINGLE WELD LINE DESIGN

New titanium enamel tank with single weld line design, reduces over 67% water leakage risk than 3 weld lines.



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ROUND SHAPE TANK WATER HEATERS FROM 30L TO 100L

TECHNICAL DATA

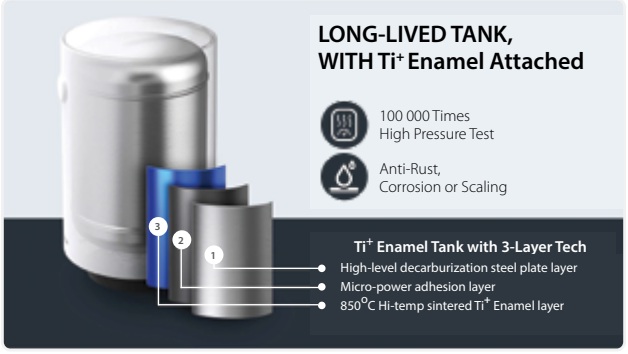
- Models: EL30-20F3; EL50-20F3; EL80-20F3; EL100-20F3
- Rated Voltage: 220-240V AC
- Rated Power: 2000W
- Rated Current: 8.69A
- Volume: 30L; 50L; 80L; 100L
- Rated Pressure: 0.75 Mpa
- Temperature range: 30-75°C
- Control panel: Mechanical
- Thermostat: Capillary
- Inner tank: Sapphire Ti⁺ enamel coated
- Heating element: Sapphire Ti⁺ enamel coated
- Protection against electric shock: Class I
- Mounting: Vertical
- IP degree: IPX4
- Dimension (DxH)/Net weight:
  - 30L: 340x605mm / 14.8kg
  - 50L: 385x770mm / 17.8kg
  - 80L: 450x805mm / 25.5kg
  - 100L: 450x970mm / 30.9kg
- Pipe size: G1/2"
- Energy class: C

FEATURES:

- High quality long lived sapphire Ti⁺ enamel coated water tank
- High corrosion and rust resistance
- 100 000 times high pressure test
- Sapphire Ti⁺ enamel coated heating element made of SUS116L stainless steel
- Anti- bacterial copper inlet valve
- SGS certificated 99.99% Ag⁺ anti-bacterial water inlet
- Multiple protection with guarantee for long-lasting secure usage
  - Over heat protection
  - Anti-dry heating protection
  - Anti-high pressure protection
  - IPX4 water-proof body

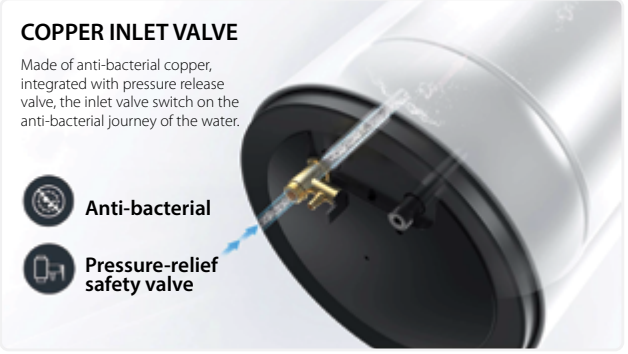
5 YEARS TOTAL WARRANTY
2 standard + 3 extended

Catalogue number	Model	Capacity (L)	Rated power (W)	Diameter (mm)	Height (mm)
300120	EL30-20F3	30	2000	340	605
300121	EL50-20F3	50	2000	385	770
300122	EL80-20F3	80	2000	450	805
300123	EL100-20F3	100	2000	450	970









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SMART SQUARE VERTICAL AND HORIZONTAL MOUNTING TANK WATER HEATERS 50L TO 100L



TECHNICAL DATA

- Models: EL50-20EFTW; EL80-20EFTW; EL100-20EFTW; EL50-30EFTW; EL80-30EFTW
- Rated Voltage: 220-240V AC
- Rated Power: 2000W & 3000W
- Rated Current: 8.69A & 13.04A
- Volume: 46L; 73L; 92L
- Rated Pressure: 0.75 Mpa
- Temperature range: 25-75°C
- Control panel: Electronic
- Thermostat: Capillary
- Inner tank: Sapphire Ti+ enamel coated
- Heating element: Sapphire Ti+ enamel coated
- Protection against electric shock: Class I
- Mounting: Vertical/Horizontal
- IP degree: IPX4
- Dimension (LxWxH)/Net weight:
  - 46L: 344x359x825mm / 23.2kg
  - 73L: 454x469x729mm / 28.3kg
  - 92L: 454x469x879mm / 32.2kg
- Pipe size: G1/2"
- Energy class: B

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

FEATURES:

- SMART control via Dollin Smart APP
- Both horizontal and vertical mounting possibility
- Three-level power adjustment: 800W, 1200W and 2000W
- iECO mode: Memory habit and automatic heating in multiple time periods relative to consumption needs, based on 7 days.
- High quality long lived sapphire Ti+ enamel coated water tank
- High corrosion and rust resistance
- 100 000 times high pressure test
- Sapphire Ti+ enamel coated heating element made of SUS116L stainless steel
- Anti- bacterial copper inlet valve
- SGS certificated 99.99% Ag+ anti-bacterial water inlet
- High temperature sterilization: ABT- program eliminate 99.99% of bacteria in the water with at 80°C high temperature, before the water touches your skin.
- Multiple protection with guarantee for long-lasting secure usage
  - Over heat protection
  - Anti-dry heating protection
  - Anti-high pressure protection
  - IPX4 water-proof body

Catalogue number	Model	Capacity (L)	Rated power (W)	Length (mm)	Width (mm)	Height (mm)
300124	EL50-20EFTW	46	2000	344	359	825
300125	EL80-20EFTW	73	2000	454	569	729
300126	EL100-20EFTW	92	2000	454	469	879
300127	EL80-30EFTW	73	3000	454	469	729
300128	EL100-30EFTW	92	3000	454	469	879

Option to choose the power output

800W/1200W/2000W three-speed adjustment ,meet different domestic water needs, convenient and energy-saving in



in power-on state:
press "POWER" once, display change to 1STEP"(800W);
press it again , the display change to "2 STEP" (1200W);
Press it the third time, the display change to "3 STEP" (2000W).



800W
Daily washing in the morning and evening, economical and energy saving.



1200W
Simple shower after daily work, refreshing and convenient.



2000W
It is applicable to place with large number of people.

High Temperature Sterilization

Kill 99% bacteria in the water

Heat to 80 degrees high temperature, effectively kill Escherichia coli, Staphylococcus aureus in water, with anti-bacteria inlet and outlet pipes, reaching up to 99% antibacterial effect.



HIGH QUALITY COMPONENTS

Sapphire

Advance enamel tech, ultimate protection against rust and corrosion. The sapphire layer(0.15-0.5mm) provides several times the corrosion resistance compared to standard inner tank designs.

Sapphire

Top quality with superior heating performances,Scale and sediment build up on the surface of standard elements leads to electricity waste and premature failure, our sapphire enamel coated helps to prevent sediment formation and extend the life span of the products.



Flexible Installation Design With Your Favorite Style



Both horizontal and vertical directions, embedded installation can be realized according to your decoration style.

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SMART DOUBLE SUS444 TANK WATER HEATERS FOR BOTH VERTICAL AND HORIZONTAL MOUNTING 80L AND 100L

TECHNICAL DATA

- Models: EL80-30ED1 & EL100-30ED1
- Rated Voltage: 220-240V AC
- Rated Power: 3000W
- Rated Current: 13.04A
- Volume: 73L & 92L
- Rated Pressure: 0.75 Mpa
- Temperature range: 35-75℃
- Control panel: Electronic
- Thermostat: Capillary
- Inner tank: SUS444-low carbon, low nitrogen, ferritic stainless steel
- Heating element: Sapphire Ti+ enamel coated
- Protection against electric shock: Class I
- Mounting: Vertical/Horizontal
- IP degree: IPX4
- Dimension (LxWxH):
  - 73L: 570x323x900mm
  - 92L: 570x323x1090mm
- Pipe size: G1/2"
- Energy class: B

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

FEATURES:

- Made from SUS444 stronger corrosion resistant water tank
- SMART control via Dollin Smart APP- real time online monitoring and control of working status
- Single or double tank heating mode- Hot water volume can be set as needed, with 50% energy saving!
- Both horizontal and vertical mounting possibility
- Ultra thin body from 323mm
- Five-level temperature control with indicator light: 35℃; 45℃; 55℃; 65℃; 75℃
- ECO mode button: automatically switch temperature of 55℃
- High corrosion and rust resistance
- 100 000 times high pressure test
- Sapphire Ti+ enamel coated heating element made of SUS116L stainless steel
- Anti- bacterial copper inlet valve
- SGS certificated 99.99% Ag+ anti-bacterial water inlet
- Multiple protection with guarantee for long-lasting secure usage
  - Over heat protection
  - Anti-dry heating protection
  - Anti-high pressure protection
- IPX4 water-proof body

Catalogue number	Model	Capacity (L)	Rated power (W)	Length (mm)	Width (mm)	Height (mm)
300129	EL80-30EFTW	73	3000	570	323	900
300130	EL100-30EFTW	92	3000	570	323	1090



ED1 DOUBLE TANK

- Five-level temperature control with indicator light
- One button for ECO mode
- Long press "Set" button to open WiFi function



Smart Volume Variation Technology™ Hot water volume can be set as needes, with 50% energy saving



Single-tank Heating mode
Only heating one inner tank. It is applicable to occasion with less water consumption



Double-tank Heating mode
Heating two inner tanks. It is applicable to place with large number of people.

FLEXIBLE INSTALLATION



Either Vertically, Horizontally or Semi-hidden mounting.

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Scan each QR code to see product price and availability.

AIR HEATERS



ELMARK
The Brand of Electricity



500350

WATERPROOF ELECTRIC GLASS BATHROOM FAN HEATER 2000W, IP23

TECHNICAL DATA

- Model: EL-20C
- Rated voltage: 220-240V AC
- Max. power: 2000W
- Heating power levels: 1000W/2000W
- Heating element: Ceramic
- Display: LED
- Control: Touch
- Timer: 24h
- Temperature range: 15-50°C adjustable
- Protection: overheat
- IP grade: IP23
- Mounting: On the wall
- Colour: Black glass and dark grey body
- Remote control: Included
- Dimensions w/o rack (LxWxH): 295x115x520mm

FEATURES:

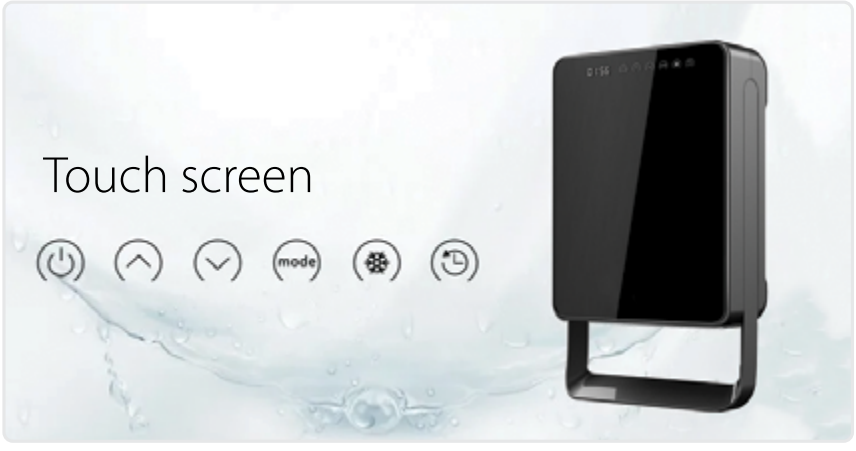
- Touch screen
- Ceramic heating element
- Two heating power: 1000W/2000W
- Pyroelectric human body induction control: human perception sensor
- Dual overheating protection
- Anti-frost function
- Adjustable temperature: 15-50°C
- 24-hour timer
- Ultra-thin glass
- Thin body: only 115mm
- Easy to install
- With towel rack

5 YEARS TOTAL WARRANTY
2 standard + 3 extended



Class bathroom heater EL-20C

- Using heating coil
- Time switch
- Wall-mounted towel rack
- Waterproof grade IPX2
- Pyroelectric human body induction control
- The retractable cradle satisfies packing space ans actual for airer demand.



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Scan each QR code to see product price and availability.



WATERPROOF ELECTRIC BATHROOM FAN HEATER 2000W, IP23

500351

TECHNICAL DATA

- Model: EL-20F
- Rated voltage: 220-240V AC
- Max. power: 2000W
- Heating power levels: 1000W/2000W
- Heating element: Heating wire
- Display: Without
- Control: Mechanical
- Adjustable temperature range: 15-35°C
- Protection: overheat
- IP grade: IP23
- Mounting: On the wall
- Colour: White
- Tower rack: Without
- Dimensions w/o rack (LxWxH): 330x125x410mm

FEATURES:

- Two heating power: 1000W/2000W
- Overheating protection
- Adjustable temperature
- Thin body: only 125mm
- Easy to install

5 YEARS TOTAL WARRANTY
2 standard + 3 extended



WATERPROOF ELECTRIC BATHROOM QUARTZ HEATER 1200W, IPX4

500368

TECHNICAL DATA

- Model: EL-QH1200G
- Rated voltage: 220-240V AC
- Max power: 1200W
- Heating power levels: 600W/1200W
- Heating element: Quartz
- Control: Pull cord
- Protection: overheat
- IP grade: IPX4
- Mounting: On the wall
- Colour: Silver
- Dimensions (LxWxH): 565x140x170mm

FEATURES:

- Two heating power: 600W/1200W
- Adjustable temperature
- Pull cord switch
- Easy to install

5 YEARS TOTAL WARRANTY
2 standard + 3 extended

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Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity



500354

2 IN 1 ELECTRIC TOWEL RACK WITH TIMER 160W, IPX4

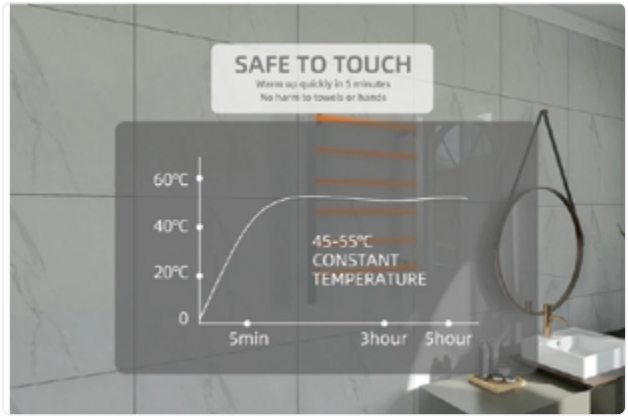
FEATURES:

- 2 in 1: Wall or floor installation
- Easy install: Minimum installation required. Flexible left or right outlet to fix different electrical socket position
- Service: No need liquid
- Quick Heat-up: 5 minutes heat up to 45-55°C, constant temperature for safe touch.
- High durability: Can hold above 20 kg

TECHNICAL DATA

- Model: EL-ETR160
- Rated voltage: 220-240V AC
- Rated power: 160W
- Heating tubes: 10
- Timer: 2/4h
- Body material: Aluminum
- Color: Silver
- Cable length: 1.4m
- IP Degree: IPX4
- Wall mounted size (LxWxH): 520x100x935mm
- Freestanding size (LxWxH): 530x365x1035mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended







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Scan each QR code to see product price and availability.



SQUARE TUBES ELECTRIC BATHROOM TOWEL WARMER 70W, IPX4

500355

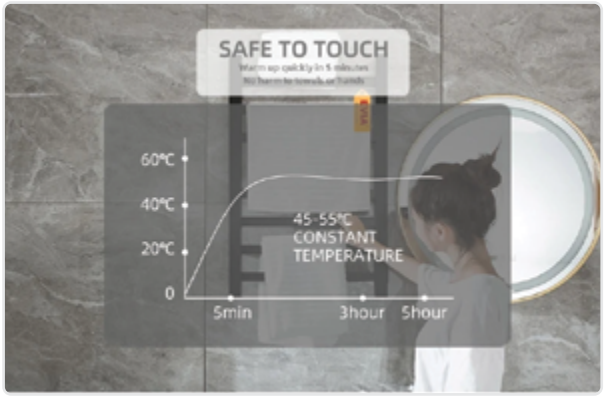
FEATURES:

- Easy install: Minimum installation required. Flexible left or right outlet to fix different electrical socket position
- Service: No need liquid
- Quick Heat-up: 5 minutes heat up to 45-55°C, constant temperature for safe touch.

TECHNICAL DATA

- Model: EL-ETR70
- Rated voltage: 220-240V AC
- Rated power: 70W
- Heating tubes: 4
- Heating type: Electric heating wire
- Body material: Aluminum
- Color: White
- Surface finishing: Oxidized
- Cable length: 1.4m
- IP Degree: IPX4
- Mounting: On the wall
- Dimension (LxWxH): 520x100x420mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended









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Scan each QR code to see product price and availability.

ELMARK
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500356

SQUARE TUBES ELECTRIC BATHROOM TOWEL WARMER 130W, IPX4

FEATURES:

- Easy install: Minimum installation required. Flexible left or right outlet to fix different electrical socket position
- Service: No need liquid
- Quick Heat-up: 5 minutes heat up to 45-55°C, constant temperature for safe touch.

TECHNICAL DATA

- Model: EL-ETR130
- Rated voltage: 220-240V AC
- Rated power: 130W
- Heating tubes: 7
- Heating type: Electric heating wire
- Body material: Aluminum
- Color: White
- Surface finishing: Oxidized
- Cable length: 1.4m
- IP Degree: IPX4
- Mounting: On the wall
- Dimension (LxWxH): 520x100x800mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended











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Scan each QR code to see product price and availability.

ELECTRIC BATHROOM TOWEL WARMER 75W, IPX4



500357

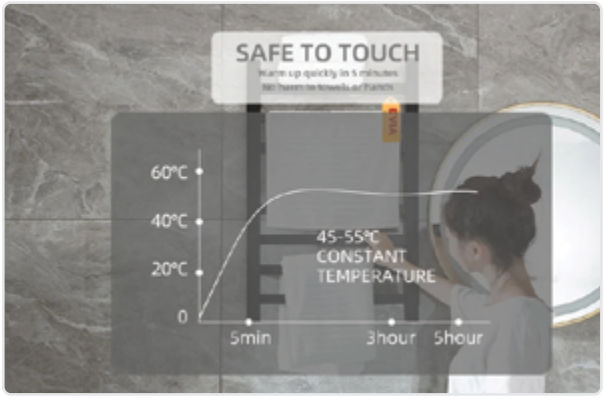
FEATURES:

- Easy install: Minimum installation required. Flexible left or right outlet to fix different electrical socket position
- Service: No need liquid
- Quick Heat-up: 5 minutes heat up to 45-55°C, constant temperature for safe touch.

TECHNICAL DATA

- Model: EL-ETR75
- Rated voltage: 220-240V AC
- Rated power: 75W
- Heating tubes: 4
- Heating type: Electric heating wire
- Body material: Aluminum
- Color: Black
- Surface finishing: Oxidized
- Cable length: 1.4m
- IP Degree: IPX4
- Mounting: On the wall
- Dimension (LxWxH): 500x160x420mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended









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Scan each QR code to see product price and availability.

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ELECTRIC BATHROOM TOWEL WARMER 140W, IPX4

500358

FEATURES:

- Easy install: Minimum installation required. Flexible left or right outlet to fix different electrical socket position
- Service: No need liquid
- Quick Heat-up: 5 minutes heat up to 45-55°C, constant temperature for safe touch.

TECHNICAL DATA

- Model: EL-ETR140
- Rated voltage: 220-240V AC
- Rated power: 140W
- Heating tubes: 7
- Heating type: Electric heating wire
- Body material: Aluminum
- Color: Black
- Surface finishing: Oxidized
- Cable length: 1.4m
- IP Degree: IPX4
- Mounting: On the wall
- Dimension (LxWxH): 520x120x810mm

5 YEARS TOTAL WARRANTY
2 standard + 3 extended











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Scan each QR code to see product price and availability.

FOLDABLE ELECTRIC CLOTHES DRYER 230W



500352

FEATURES:

- Fast Drying: Designed for fast warming or drying of fabrics, good for delicates.
- Foldable & Lightweight: Fold it and put it behind the door when not in use.
- Strengthen parts: 15kg loading capacity, equivalent to 30 T-shirt.
- Wings with clips: Newly designed clips to fix the wings to the body when folded, making storage easier.
- Quick Heat-up: 5 minutes heat up to 45-55°C, constant temperature for safe touch.

TECHNICAL DATA

- Model: EL-ED230
- Rated voltage: 220-240V AC
- Rated power: 230W
- Heating tubes: 20
- Heating type: Electric heating wire
- Drying space: 12m
- Body material: Aluminum
- Color: White
- Surface finishing: Oxidized
- Cable length: 1.4m
- IP Degree: IPX1
- Mounting: Freestanding
- Dimension (LxWxH): 1470x540x940mm
- Folded dimension (LxWxH): 1130x540x54mm

3 YEARS TOTAL WARRANTY
2 standard + 1 extended







500353

COVER FOR FAST DRYING FOR EL-ED230

- Material: 210D Oxford cloth
- Dimension: 1460x530x700mm







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Scan each QR code to see product price and availability.

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500363

ELECTRIC SHOE DRYER 40W 2 PAIRS, WHITE

FEATURES:

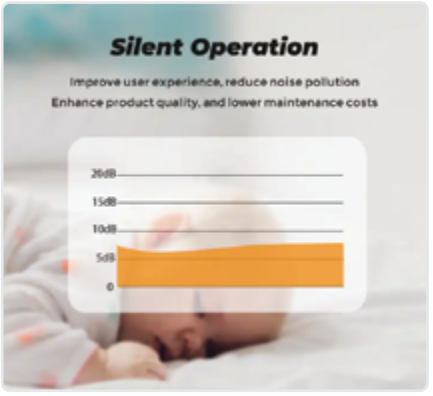
- Fast Drying
- Sterilization: Avoid bacteria breeding and bad smell
- Safe drying: 45-55°C constant safe temperature. Gentle heat for shoes care.

TECHNICAL DATA

- Model: EL-ESD40
- Rated voltage: 220-240V AC
- Rated power: 40W
- Heating tubes: 4
- Heating type: Electric heating wire
- Body material: Aluminium
- Color: White
- Surface finishing: Painted
- Cable length: 1.4m
- IP Degree: IPX4
- Mounting: Freestanding
- Dimension (LxWxH): 400x365x310mm

3 YEARS TOTAL WARRANTY
3 standard + 0 extended







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Scan each QR code to see product price and availability.

BUILT-IN DOMESTIC VENTILATION



3 YEARS TOTAL WARRANTY
3 standard
+ 0 extended

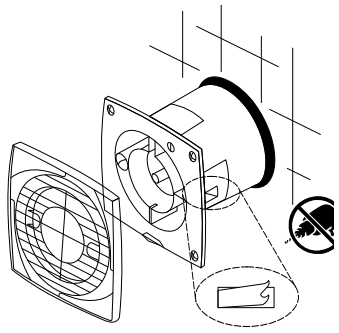
AXIAL FANS, FOR EXHAUST VENTILATION | EASY MOUNTING SERIES Ø100 & Ø120

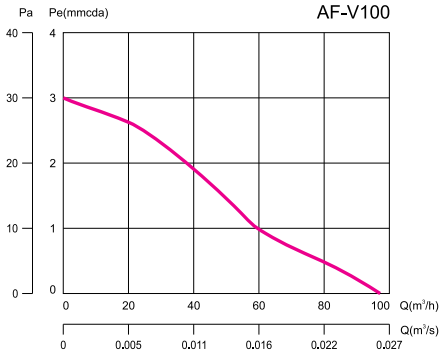
AREAS OF APPLICATION:
Kitchens, Showers, Bathrooms, Utility spaces

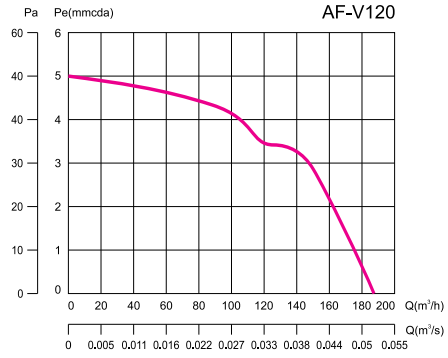
OPTIONS:
- V-Valve: Back flow preventing. Fan is equipped with a valve
- VT- Timer + Valve: Adjustable operating time from 3 to 15 minutes.
Fan is equipped with a valve.
- VH- Higro-Timer + Valve: Humidistat detects humidity
starting from 40% to 90%, includes adjustable
- Timer from 3 minutes to 15 minutes. Fan is equipped with a valve.
- Compatible with 100 and 120 mm PVC or flexible air ducts

MOTOR:
- Equipped with thermal cut out protection
- Low power consumption
- High materials quality and high efficiency
- Ambient temperature max 130°C
- IP-X4
- Insulation class B

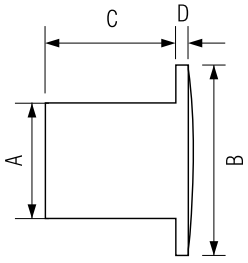
DESIGN:
- Easy mounting system
- Very slim front panel
- Plastic housing and impeller
- Modern design and aesthetic look











ØA: 98 mm | B: 140 mm | C: 98 mm | D: 10 mm

AF-V100

500120

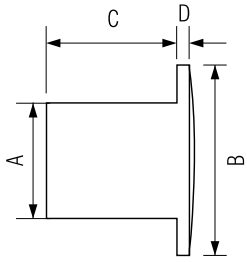
AXIAL FAN WITH VALVE Ø100

TECHNICAL DATA
- Diameter: 100mm
- Dimensions: ØA: 98/B: 140/C: 98/D: 10mm
- Voltage: 220-240V
- Power: 15W
- Revolutions per minute: 2500
- Maximum air capacity: 98 m3/h
- Sound pressure level: 41 db(A)
- Body color: White

Backdraft Valve

Scan each QR code to see product price and availability.





500122

AXIAL FAN WITH VALVE & TIMER Ø100

TECHNICAL DATA

- Diameter: 100mm
- Dimensions: ØA: 98/B: 140/C: 98/D: 10mm
- Voltage: 220-240V
- Power: 15W
- Revolutions per minute: 2500
- Maximum air capacity: 98 m3/h
- Sound pressure level: 41 db(A)
- Body color: White

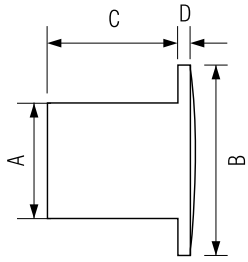


Backdraft Valve | Timer

ØA: 98 mm | B: 140 mm | C: 98 mm | D: 10 mm

AF-VT100





500124

AXIAL FAN WITH VALVE & HYGRO-TIMER Ø100

TECHNICAL DATA

- Diameter: 100mm
- Dimensions: ØA: 98/B: 140/C: 98/D: 10mm
- Voltage: 220-240V
- Power: 15W
- Revolutions per minute: 2500
- Maximum air capacity: 98 m3/h
- Sound pressure level: 41 db(A)
- Body color: White

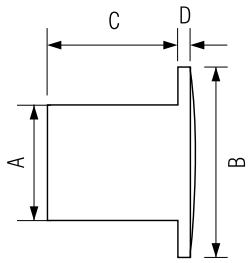


Backdraft Valve | Hygro-Timer

ØA: 98 mm | B: 140 mm | C: 98 mm | D: 10 mm

AF-VH100





500121

AXIAL FAN WITH VALVE Ø120

TECHNICAL DATA

- Diameter: 120mm
- Dimensions: ØA: 118/B: 170/C: 100/D: 13mm
- Voltage: 220-240V
- Power: 20W
- Revolutions per minute: 2450
- Maximum air capacity: 192 m3/h
- Sound pressure level: 43 db(A)
- Body color: White



Backdraft Valve

ØA: 118 mm | B: 170 mm | C: 100 mm | D: 13 mm

AF-V120

3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

3 YEARS TOTAL WARRANTY
3 standard
+ 0 extended

ELMARK
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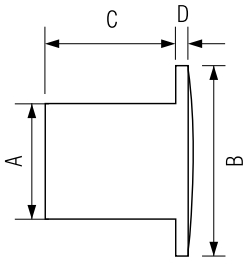


ØA: 118 mm | B: 170 mm | C: 100 mm | D: 13 mm

AF-VT120

500123

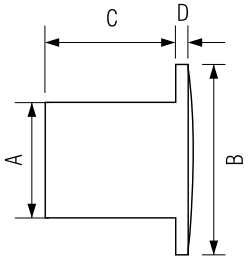
AXIAL FAN WITH VALVE & TIMER Ø120

TECHNICAL DATA

- Diameter: 120mm
- Dimensions: ØA: 118/B: 170/C: 100/D: 13mm
- Voltage: 220-240V
- Power: 20W
- Revolutions per minute: 2450
- Maximum air capacity: 192 m3/h
- Sound pressure level: 43 db(A)
- Body color: White

Backdraft Valve | Timer





ØA: 118 mm | B: 170 mm | C: 100 mm | D: 13 mm

AF-VH120

500125

AXIAL FAN WITH VALVE & HYGRO-TIMER Ø120

TECHNICAL DATA

- Diameter: 120mm
- Dimensions: ØA: 118/B: 170/C: 100/D: 13mm
- Voltage: 220-240V
- Power: 20W
- Revolutions per minute: 2450
- Maximum air capacity: 192 m3/h
- Sound pressure level: 43 db(A)
- Body color: White

Backdraft Valve | Hygro-Timer

** All fans with a diameter of 120mm can be installed in an air duct with a diameter of 150mm, after adding reducing connector with catalogue number 500170.*

Scan each QR code to see product price and availability.

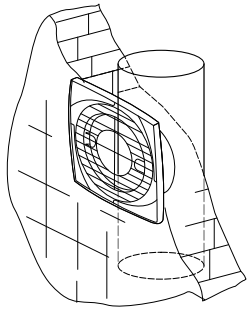
AXIAL FANS, FOR EXHAUST VENTILATION | AS SERIES Ø100

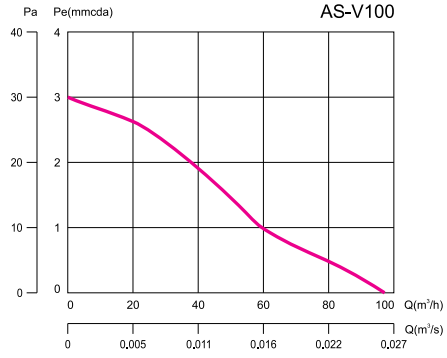
AREAS OF APPLICATION:
Kitchens, Showers, Bathrooms, Utility spaces

OPTIONS:
- Options:
- V-Valve: Back flow preventing. Fan is equipped with a valve
- Compatible with 100 mm PVC or flexible air ducts

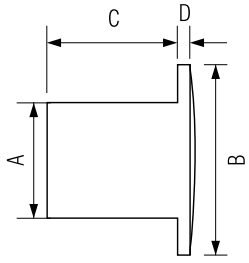
MOTOR:
- Equipped with thermal cut out protection
- Low power consumption
- High materials quality and high efficiency
- IP-X4
- Insulation class B

DESIGN:
- Very slim front panel
- Plastic housing and impeller
- Modern design and aesthetic look









ØA: 98 mm | B: 140 mm | C: 75 mm | D: 10 mm

AS-V100

500119

AXIAL FAN WITH VALVE Ø100

TECHNICAL DATA
- Diameter: 100mm
- Dimensions: ØA: 98/B: 140/C: 75/D: 10mm
- Voltage: 220-240V
- Power: 15W
- Revolutions per minute: 2500
- Maximum air capacity: 98 m3/h
- Sound pressure level: 41 db(A)
- Body color: White

Backdraft Valve

3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

AXIAL FANS, FOR EXHAUST VENTILATION | ALS SILENT SERIES Ø100 & Ø120

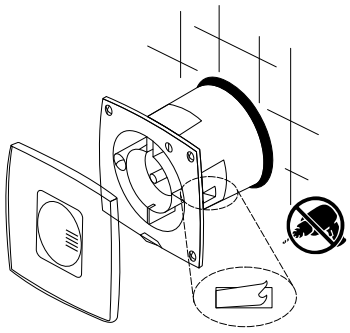
AREAS OF APPLICATION:

Kitchens, Showers, Bathrooms, Utility spaces

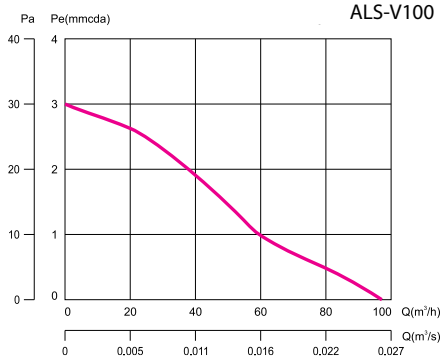
OPTIONS:
- V-Valve: Back flow preventing. Fan is equipped with a valve
- Compatible with 100 and 120 mm PVC or flexible air ducts

MOTOR:
- Equipped with thermal cut out protection
- Low power consumption
- High materials quality and high efficiency
- IP-X4
- Insulation class B

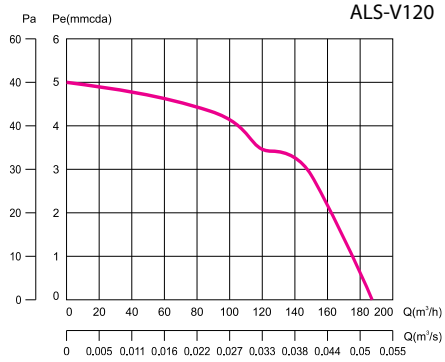
DESIGN:
- Easy mounting system
- Very slim front panel
- Plastic housing and impeller
- Modern design and aesthetic look



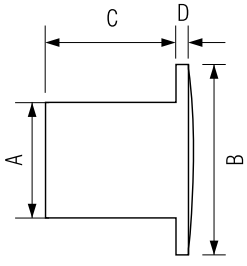
ALS-V100



ALS-V120







● 500141
○ 500140

AXIAL FAN WITH VALVE Ø100

TECHNICAL DATA
- Diameter: 100mm
- Dimensions: ØA: 98/B: 140/C: 98/D: 10mm
- Voltage: 220-240V
- Power: 15W
- Revolutions per minute: 2500
- Maximum air capacity: 98 m3/h
- Sound pressure level: 37 db(A)
- Body color: Silver | White

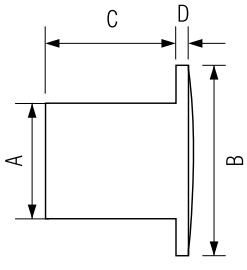
ØA: 98 mm | B: 140 mm | C: 98 mm | D: 10 mm

ALS-V100



Backdraft Valve | Silent





● 500143
○ 500142

AXIAL FAN WITH VALVE Ø120

TECHNICAL DATA
- Diameter: 120mm
- Dimensions: ØA: 118/B: 170/C: 100/D: 13mm
- Voltage: 220-240V
- Power: 20W
- Revolutions per minute: 2450
- Maximum air capacity: 192 m3/h
- Sound pressure level: 43 db(A)
- Body color: Silver | White

ØA: 98 mm | B: 140 mm | C: 98 mm | D: 10 mm

ALS-V120



Backdraft Valve | Silent

** All fans with a diameter of 120mm can be installed in an air duct with a diameter of 150mm, after adding reducing connector with catalogue number 500170.*

3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

AXIAL FANS, FOR EXHAUST VENTILATION | AN SILENT SERIES Ø100 & Ø120

AREAS OF APPLICATION:

Kitchens, Showers, Bathrooms, Utility spaces

OPTIONS:

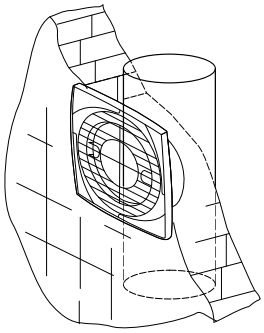
- Back flow preventing- fan is equipped with a valve.
- Compatible with 100 and 120 mm PVC or flexible air ducts.

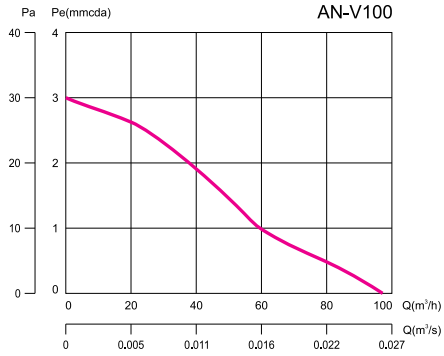
MOTOR:

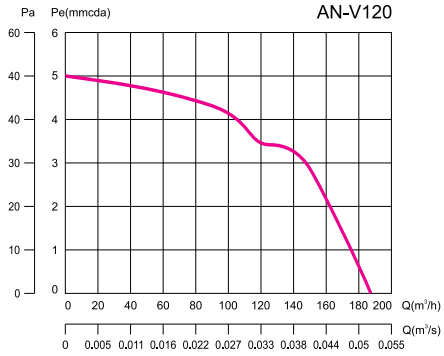
- Equipped with thermal cut out protection
- Low power consumption
- High materials quality and high efficiency
- IP-X4
- Insulation class B

DESIGN:

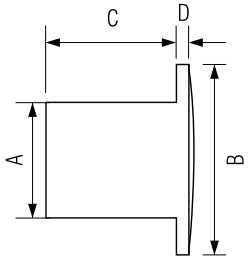
- Short back tube
- Plastic housing and impeller
- Modern design and aesthetic look











500115

AXIAL FAN WITH VALVE Ø100

TECHNICAL DATA

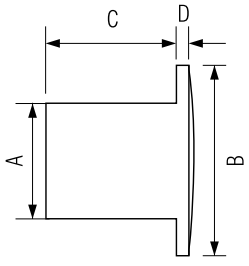
- Diameter: 100mm
- Dimensions: ØA: 98/B: 153/C: 45/D: 37mm
- Voltage: 220-240V
- Power: 15W
- Revolutions per minute: 2500
- Maximum air capacity: 98 m3/h
- Sound pressure level: 41 db(A)
- Body color: White

ØA: 98 mm | B: 153 mm | C: 45 mm | D: 37 mm

AF-VT100

Backdraft Valve





500116

AXIAL FAN WITH VALVE Ø120

TECHNICAL DATA

- Diameter: 100mm
- Dimensions: ØA: 98/B: 140/C: 98/D: 10mm
- Voltage: 220-240V
- Power: 20W
- Revolutions per minute: 2450
- Maximum air capacity: 190 m3/h
- Sound pressure level: 43 db(A)
- Body color: White

ØA: 98 mm | B: 153 mm | C: 45 mm | D: 37 mm

AF-VH100

Backdraft Valve

** All fans with a diameter of 120mm can be installed in an air duct with a diameter of 150mm, after adding reducing connector with catalogue number 500170.*

Scan each QR code to see product price and availability.

3 YEARS TOTAL WARRANTY
3 standard + 0 extended

3 YEARS TOTAL WARRANTY
3 standard
+ 0 extended

AXIAL FANS, FOR EXHAUST VENTILATION | MX EASY MOUNTING SERIES Ø100 WITH EXTRA DECORATIVE FRAMES

AREAS OF APPLICATION:

Kitchens, Showers, Bathrooms, Utility spaces

OPTIONS:

V-Valve: Back flow preventing. Fan is equipped with a valve
VP-Pull Cord Switch + ON/OFF switching via pull cord switch and back flow preventing.
VT- Timer + Valve: Adjustable operating time up 3 to 15
minutes. Fan is equipped with a valve.
VH- Higro-Timer + Valve: Humidistat detects humidity starting from 40% to 90%, includes adjustable
VS- Sensor + Valve: Microwaves sensor with 360°detection angle. Fan is equipped with a valve.
Compatible with 100 mm PVC or flexible air ducts

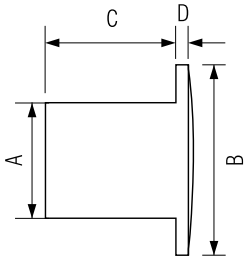
MOTOR:

Equipped with thermal cut out protection
Low power consumption
High materials quality and high efficiency
IP-X4
Insulation class B

DESIGN:

Easy mounting system
Compatible with PVC, glass and aluminum decorative frames for successful integration on all design
Plastic housing and impeller
Modern design and aesthetic look





ØA: 100 mm | B: 140 mm | C: 98 mm | D: 10 mm

MX-V100

500148

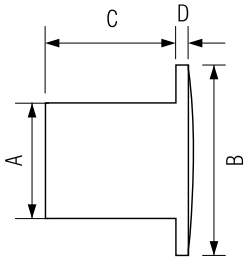
MODULAR AXIAL FAN WITH VALVE Ø100 WITHOUT DECORATIVE FRAME

TECHNICAL DATA

- Diameter: 100mm
- Dimensions: ØA: 100/B: 140/C: 98/D: 10mm
- Voltage: 220-240V
- Power: 15W
- Revolutions per minute: 2500
- Maximum air capacity: 98 m3/h
- Sound pressure level: 31 db(A)
- Body color: White

Backdraft Valve





ØA: 100 mm | B: 140 mm | C: 98 mm | D: 10 mm

MX-VP100

500149

MODULAR AXIAL FAN WITH VALVE Ø100 AND PULL CORD SWITCH WITHOUT DECORATIVE FRAME

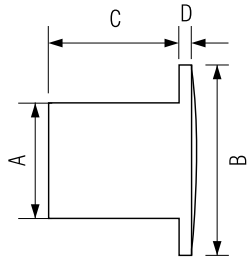
TECHNICAL DATA

- Diameter: 100mm
- Dimensions: ØA: 100/B: 140/C: 98/D: 10mm
- Voltage: 220-240V
- Power: 15W
- Revolutions per minute: 2500
- Maximum air capacity: 98 m3/h
- Sound pressure level: 31 db(A)
- Body color: White

Backdraft Valve | Pull Cord Switch

Scan each QR code to see product price and availability.





ØA: 98 mm | B: 140 mm | C: 98 mm | D: 10 mm

MX-VT100

500150

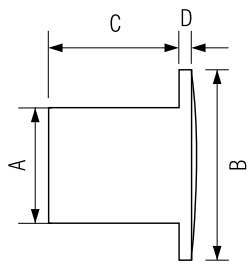
MODULAR AXIAL FAN WITH VALVE Ø100 AND TIMER WITHOUT DECORATIVE FRAME

TECHNICAL DATA

- Diameter: 100mm
- Dimensions: ØA: 100/B: 140/C: 98/D: 10mm
- Voltage: 220-240V
- Power: 15W
- Revolutions per minute: 2500
- Maximum air capacity: 98 m3/h
- Sound pressure level: 31 db(A)
- Body color: White

Backdraft Valve | Timer





ØA: 98 mm | B: 140 mm | C: 98 mm | D: 10 mm

MX-VH100

500153

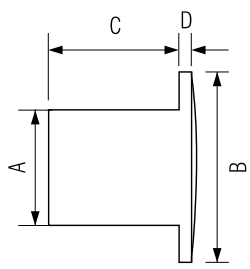
MODULAR AXIAL FAN WITH VALVE Ø100 AND HYGROTIMER WITHOUT DECORATIVE FRAME

TECHNICAL DATA

- Diameter: 100mm
- Dimensions: ØA: 100/B: 140/C: 98/D: 10mm
- Voltage: 220-240V
- Power: 15W
- Revolutions per minute: 2500
- Maximum air capacity: 98 m3/h
- Sound pressure level: 31 db(A)
- Body color: White

Backdraft Valve | Hygro-Timer





ØA: 98 mm | B: 140 mm | C: 98 mm | D: 10 mm

MX-VS100

500154

MODULAR AXIAL FAN WITH VALVE Ø100 AND SENSOR WITHOUT DECORATIVE FRAME

TECHNICAL DATA

- Diameter: 100mm
- Dimensions: ØA: 100/B: 140/C: 98/D: 10mm
- Voltage: 220-240V
- Power: 15W
- Sensor detection range: 2-8m
- Sensor detection angle: 360°
- Timer: 10s - 12m
- Revolutions per minute: 2500
- Maximum air capacity: 98 m3/h
- Sound pressure level: 31 db(A)
- Body color: White

Backdraft Valve | Sensor

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

PVC DECORATIVE FRAMES FOR MODULAR AXIAL FANS MX-100 SERIES

L: 160 mm H: 160 mm

500155

PVC DECORATIVE FLAT FRAME FOR MODULAR AXIAL FANS MX-100 SERIES, WHITE

TECHNICAL DATA

- Dimensions LxH: 160x160mm
- Colour: White
- Material: PVC



L: 160 mm H: 160 mm

500156

PVC DECORATIVE FLAT FRAME FOR MODULAR AXIAL FANS MX-100 SERIES, ANTHRACITE

TECHNICAL DATA

- Dimensions LxH: 160x160mm
- Colour: Anthracite
- Material: PVC



L: 160 mm H: 160 mm

500157

PVC DECORATIVE FLAT FRAME FOR MODULAR AXIAL FANS MX-100 SERIES, STONE

TECHNICAL DATA

- Dimensions LxH: 160x160mm
- Colour: Stone
- Material: PVC



L: 160 mm H: 160 mm

500158

PVC DECORATIVE FLAT FRAME FOR MODULAR AXIAL FANS MX-100 SERIES, CERAMIC

TECHNICAL DATA

- Dimensions LxH: 160x160mm
- Colour: Ceramic
- Material: PVC

Scan each QR code to see product price and availability.

GLASS DECORATIVE FRAMES FOR MODULAR AXIAL FANS MX-100 SERIES



L: 175 mm H: 175 mm

500159

GLASS DECORATIVE FLAT FRAME FOR MODULAR AXIAL FANS MX-100 SERIES, WHITE

TECHNICAL DATA

- Dimensions LxH: 175x175mm
- Colour: White
- Material: Glass



L: 175 mm H: 175 mm

500163

GLASS DECORATIVE FLAT FRAME FOR MODULAR AXIAL FANS MX-100 SERIES, GREY

TECHNICAL DATA

- Dimensions LxH: 175x175mm
- Colour: Grey
- Material: Glass



L: 175 mm H: 175 mm

500164

GLASS DECORATIVE FLAT FRAME FOR MODULAR AXIAL FANS MX-100 SERIES, BLACK

TECHNICAL DATA

- Dimensions LxH: 175x175mm
- Colour: Black
- Material: Glass



L: 175 mm H: 175 mm

500165

GLASS DECORATIVE FLAT FRAME FOR MODULAR AXIAL FANS MX-100 SERIES, METAL BLACK

TECHNICAL DATA

- Dimensions LxH: 175x175mm
- Colour: Metal black
- Material: Glass

Scan each QR code to see product price and availability.

GLASS, PVC&ALUMINUM DECORATIVE FRAMES FOR MODULAR AXIAL FANS MX-100 SERIES



L: 175 mm H: 175 mm

500166

GLASS DECORATIVE FLAT FRAME FOR MODULAR AXIAL FANS MX-100 SERIES, DARK WOOD

TECHNICAL DATA

- Dimensions LxH: 175x175mm
- Colour: Dark wood
- Material: Glass



L: 175 mm H: 175 mm

500167

GLASS DECORATIVE FLAT FRAME FOR MODULAR AXIAL FANS MX-100 SERIES, LIGHT WOOD

TECHNICAL DATA

- Dimensions LxH: 175x175mm
- Colour: Light wood
- Material: Glass



L: 170 mm H: 170 mm

500168

ALUMINUM DECORATIVE FLAT FRAME FOR MODULAR AXIAL FANS MX-100 SERIES, MATT SILVER

TECHNICAL DATA

- Dimensions LxH: 170x170mm
- Colour: Matt silver
- Material: PVC & aluminum



L: 170 mm H: 170 mm

500169

ALUMINUM DECORATIVE FLAT FRAME FOR MODULAR AXIAL FANS MX-100 SERIES, MATT GOLD

TECHNICAL DATA

- Dimensions LxH: 170x170mm
- Colour: Matt gold
- Material: PVC & aluminum

Scan each QR code to see product price and availability.

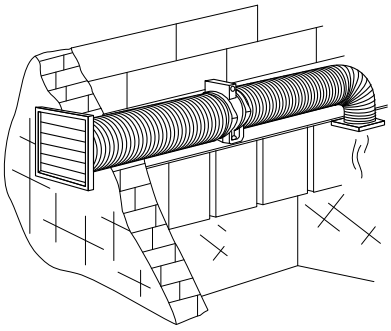
AXIAL FANS, FOR EXHAUST VENTILATION | AC SERIES Ø100 & Ø120

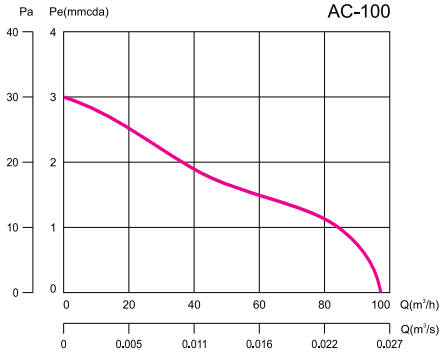
AREAS OF APPLICATION:
Kitchens, Showers, Bathrooms, Utility spaces, Supply ventilation

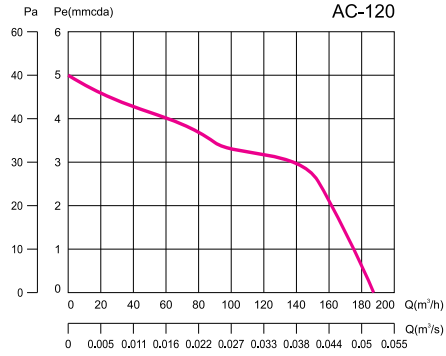
OPTIONS:
- Compatible with 100 and 120 mm PVC or flexible air ducts
- Possibility to mounting in the ventilation systems

MOTOR:
- Equipped with thermal cut out protection
- Low power consumption
- High materials quality and high efficiency
- Do not use in rooms where the temperature is above 40°C
- IP-X4
- Insulation class B

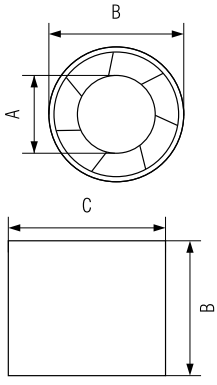
DESIGN:
- Plastic housing and impeller
- Modern design and aesthetic look
- Designed for ventilation where you want to stop spreading humidity and unpleasant smells.











ØA: 60 mm | B: 97 mm | C: 92 mm

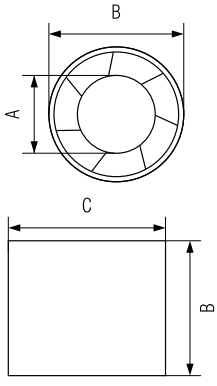
AF-VT100

500117

AXIAL IN-LINE FAN Ø100

TECHNICAL DATA
- Diameter: 100mm
- Dimensions: ØA: 60/B: 97/C: 92mm
- Voltage: 220-240V
- Power: 15W
- Revolutions per minute: 2500
- Maximum air capacity: 98 m3/h
- Sound pressure level: 41 db(A)
- Body color: White





ØA: 118 mm | B: 170 mm | C: 100 mm

AC-V120

500118

AXIAL IN-LINE FAN Ø120

TECHNICAL DATA
- Diameter: 120mm
- Dimensions: ØA: 118/B: 170/C: 100mm
- Voltage: 220-240V
- Power: 20W
- Revolutions per minute: 2450
- Maximum air capacity: 190 m3/h
- Sound pressure level: 43 db(A)
- Body color: White

3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.





A: 249 mm | B: 103 mm | C: 32 mm

ODOR EXTRACTORS FOR WC, BIOVENT

APPLICATION:

BioVent WC axial fan for extracting odors directly from the toilet bowl. The BioVent fan is installed in selected toilet systems using the pipes and elbows that are included in the package.

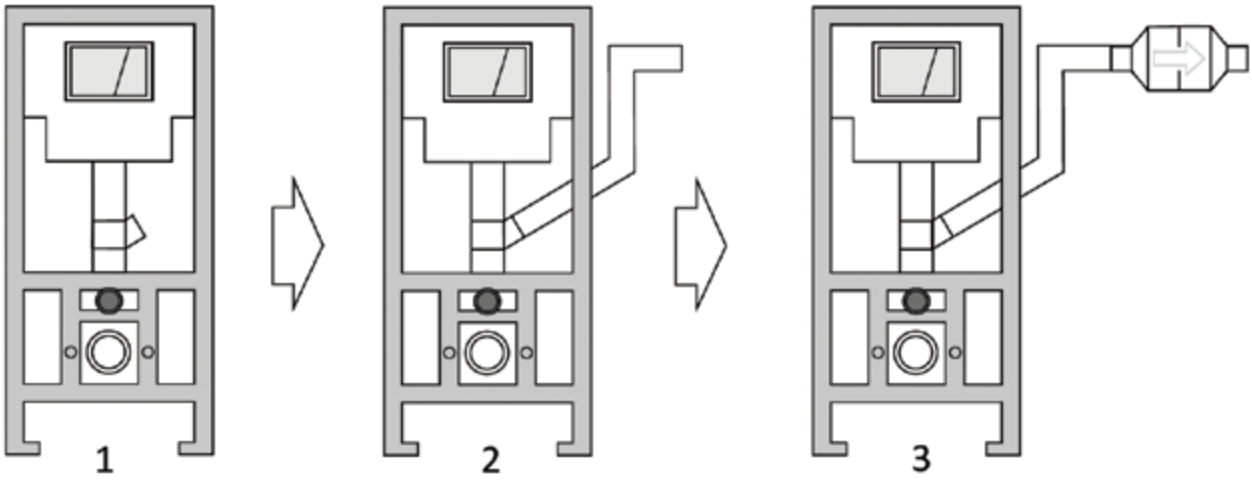
BioVent extracts odors directly from the toilet bowl, so you don't have to use an air freshener or open a window as it extracts unpleasant odors as they occur.

We offer BioVent axial fan for GEBERIT, ROCA and GROHE toilet system.

TECHNICAL DATA:

Voltage: 220-240V AC
Power: 15W
Air capacity: 52 m3/h
Body color: White
Body material: Plastic
IP degree: IPX4
Dimensions (AxB): 249x103mm
Air inlet diameter (C): 32mm

Catalogue number	Options
500197/GEB	GEBERIT: Suitable with DUOFIX BASIC
500197/R	ROCA: Suitable with PRO and DUPLO
500197/GR	GROHE: Suitable with RAPID SL



3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.

DOMESTIC FANS



3 YEARS TOTAL WARRANTY
3 standard
+ 0 extended



Ø: 265 mm | H: 920 mm

EL-F05

500259 STAND FAN WITH REMOTE CONTROL

TECHNICAL DATA

- Model: EL-F05
- Rated voltage: 220-240V AC
- Rated power: 50W
- Control: Mechanical
- Fan speed: Low- Medium- High
- Oscillating: 70 degree horizontal and 90 degree vertical
- Wind modes: Natural- sleep- normal
- Remote control: included
- Base diameter: 265mm
- Height: 920mm
- Net weight: 4.5kg



Ø: 320 mm | H: 927 mm

EL-FS5J

500261 TOWEL FAN WITH REMOTE CONTROL

TECHNICAL DATA

- Model: EL-FS5J
- Rated voltage: 220-240V AC
- Rated power: 50W
- Control panel: Mechanical
- Fan speed: Low- Medium- High
- Swing degree: 40 automatic
- Wind modes: Natural- sleep- normal
- Remote control: included
- Base diameter: 320mm
- Height: 927mm
- Net weight: 3.2kg



Ø: 340 mm | H: 1200mm

EL-FS1D

500260 TOWER FAN WITH REMOTE CONTROL AND TIMER

TECHNICAL DATA

- Model: EL-FS1D
- Rated voltage: 220-240V AC
- Rated power: 50W
- Control panel: Touch
- Display: LED
- Timer: 12h
- Fan speed: Low- Medium- High
- Swing degree: 40 automatic
- Wind modes: Natural- sleep- normal
- Remote control: included
- Base diameter: 340mm
- Height: 1200mm
- •Net weight: 3.7kg

Scan each QR code to see product price and availability.



L: 235 mm | W: 260 mm | H: 567 mm

EL-205DLR

500270 AIR COOLER WITH FAN, HUMIDIFY AND AIR FILTRATION

FUNCTION

- Fan
- Cooler
- Humidifier
- Air filtration

TECHNICAL DATA

- Model: EL-205DLR
- Rated voltage: 220-240V AC
- Rated power: 80W
- Maximum air capacity: 280m3/h
- Control panel: Touch
- Display: LED
- Timer: 7h
- Water tank capacity: 7L
- Cooling pad: Honeycomb
- Fan speed: Low- Medium- High
- Swing degree: 40 automatic
- Wind modes: Natural- sleep- normal
- Remote control: included
- Ice pack: 2pcs included
- Wheels: included
- Dimension (LxWxH): 235x260x567mm
- Net weight: 3.6kg



L: 235 mm | W: 260 mm | H: 567 mm

EL-298DLR

500271 AIR COOLER WITH FAN, HUMIDIFY AND AIR FILTRATION

FUNCTION

- Fan
- Cooler
- Humidifier
- Air filtration

TECHNICAL DATA

- Model: EL-298DLR
- Rated voltage: 220-240V AC
- Rated power: 80W
- Maximum air capacity: 341m3/h
- Control panel: Touch
- Display: LED
- Timer: 12h
- Water tank capacity: 6L
- Cooling pad: Honeycomb
- Fan speed: Low- Medium- High
- Wind modes: Natural- sleep- normal
- Remote control: included
- Dimension (LxWxH): 335x235x750mm
- Net weight: 6.2kg



L: 380 mm | W: 350 mm | H: 810 mm

EL-198LNR

500272 AIR COOLER WITH FAN, HUMIDIFY, AIR FILTRATION, ION AND HEATING

FUNCTION

- Fan
- Cooler
- Humidifier
- Air filtration
- Ion
- Heating

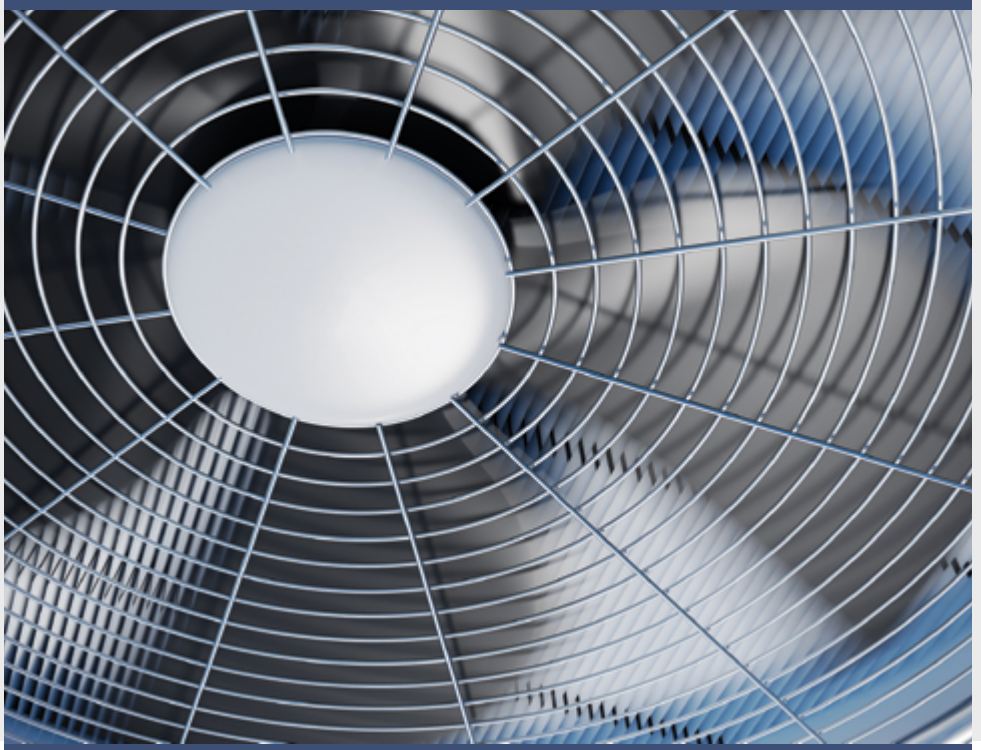
TECHNICAL DATA

- Model: EL-198LNR
- Rated voltage: 220-240V AC
- Cooling power: 80W
- Heating power: 2000W
- Maximum air capacity: 496m3/h
- Control panel: Touch
- Display: LED
- Timer: 12h
- Water tank capacity: 12L
- Cooling pad: Honeycomb
- Fan speed: Low- Medium- High
- Swing degree: 40 automatic
- Wind modes: Natural- sleep- normal
- Remote control: included
- Ice pack: included
- Wheels: included
- Dimension (LxWxH): 380x350x810mm
- Net weight: 7.7kg

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

Scan each QR code to see product price and availability.

INDUSTRIAL FANS



INDUSTRIAL FANS, FOR EXHAUST VENTILATION | PAS SERIES

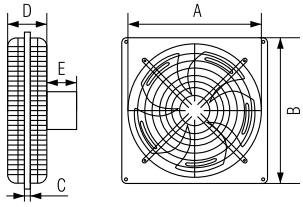
AREAS OF APPLICATION:

For a continuous or periodical ventilation of medium large agricultural, industrial buildings, park lots, warehouses and other places where it is needed great volumes of air to be moved as well as other non-explosive gases, not containing glue substances.

MOUNTING:

- On a window
- On a wall
- On a roof
- On suspending ceiling
- Inside walls





ØA: 220 mm | B: 257 mm | C: 3 mm | D: 70 mm | E: 53 mm

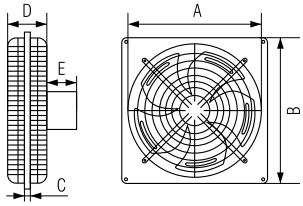
PAS-200

500126 INDUSTRIAL FAN PAS-200, Ø220

TECHNICAL DATA

- Diameter: 200mm
- Dimensions: ØA: 220/B: 257/C: 3/D: 70/E: 53mm
- Voltage: 220-240V
- Power: 36W
- Revolutions per minute: 1300
- Maximum air capacity: 410 m3/h
- Sound pressure level: 51 db(A)
- Body color: Black





ØA: 270 mm | B: 313 mm | C: 8 mm | D: 70 mm | E: 60 mm

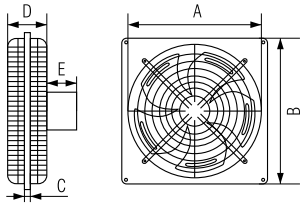
PAS-250

500127 INDUSTRIAL FAN PAS-250, Ø270

TECHNICAL DATA

- Diameter: 250mm
- Dimensions: ØA: 270/B: 313/C: 8/D: 70/E: 60mm
- Voltage: 220-240V
- Power: 60W
- Revolutions per minute: 1300
- Maximum air capacity: 800 m3/h
- Sound pressure level: 53 db(A)
- Body color: Black





ØA: 320 mm | B: 350 mm | C: 10 mm | D: 86 mm | E: 80 mm

PAS-300

500128 INDUSTRIAL FAN PAS-300, Ø320

TECHNICAL DATA

- Diameter: 300mm
- Dimensions: ØA: 320/B: 350/C: 10/D: 86/E: 80mm
- Voltage: 220-240V
- Power: 110W
- Revolutions per minute: 1300
- Maximum air capacity: 1400 m3/h
- Sound pressure level: 58 db(A)
- Body color: Black

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

Scan each QR code to see product price and availability.

3 YEARS TOTAL WARRANTY
3 standard
0 extended

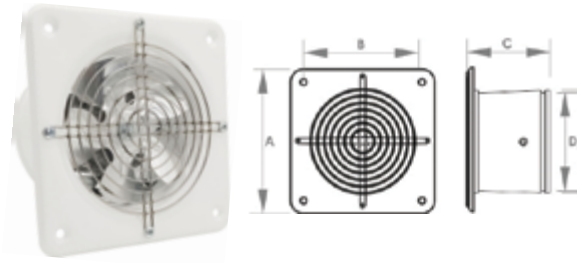
INDUSTRIAL FANS, FOR EXHAUST VENTILATION | EL01 & IAS SERIES

AREAS OF APPLICATION:

For a continuous or periodical ventilation of medium large agricultural, industrial buildings, park lots, warehouses and other places where it is needed great volumes of air to be moved as well as other non-explosive gases, not containing glue substances.

MOUNTING:

- On a wall



ØD: 160 mm | A: 182 mm | B: 225 mm | C: 120 mm

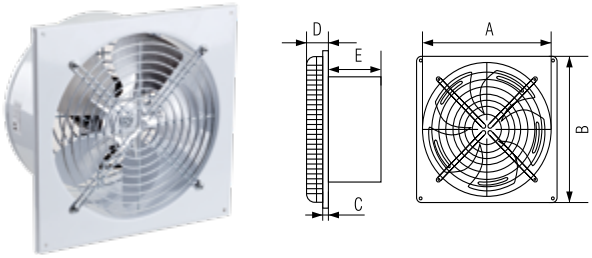
EL01-300

500198

INDUSTRIAL FAN EL01-300, Ø160

TECHNICAL DATA

- Voltage: 220-240V/ 50Hz
- Power: 32W
- Air capacity: 185 m3/h
- Sound pressure level: 52 db(A) at 3 meters distance
- Revolutions per minute: 1400min
- Body color: White
- Body material: Rustproof covered steel
- IP degree: IPX2
- Working temperature: up to 40°C
- Dimensions (LxHxW): 182x225x120mm
- Air inlet diameter: 160mm
- Weight: 1.7kg



ØA: 220 mm | B: 257 mm | C: 3 mm | D: 70 mm | E: 53 mm

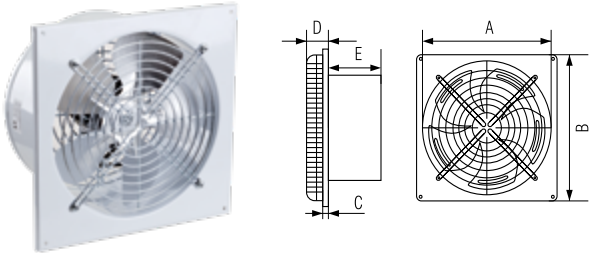
IAS-200

500129

INDUSTRIAL FAN IAS-200, Ø220

TECHNICAL DATA

- Diameter: 200mm
- Dimensions: ØA: 220/B: 257/C: 3/D: 70/E: 53mm
- Voltage: 220-240V
- Power: 36W
- Revolutions per minute: 1300
- Maximum air capacity: 410 m3/h
- Sound pressure level: 51 db(A)
- Body color: Black



ØA: 270 mm | B: 313 mm | C: 8 mm | D: 70 mm | E: 60 mm

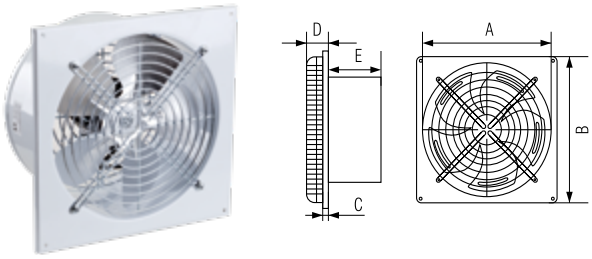
IAS-250

500130

INDUSTRIAL FAN IAS-250, Ø270

TECHNICAL DATA

- Diameter: 250mm
- Dimensions: ØA: 270/B: 313/C: 8/D: 70/E: 60mm
- Voltage: 220-240V
- Power: 60W
- Revolutions per minute: 1300
- Maximum air capacity: 800 m3/h
- Sound pressure level: 53 db(A)
- Body color: Black



ØA: 320 mm | B: 350 mm | C: 10 mm | D: 86 mm | E: 80 mm

IAS-300

500131

INDUSTRIAL FAN IAS-300, Ø320

TECHNICAL DATA

- Diameter: 300mm
- Dimensions: ØA: 320/B: 350/C: 10/D: 86/E: 80mm
- Voltage: 220-240V
- Power: 110W
- Revolutions per minute: 1300
- Maximum air capacity: 1400 m3/h
- Sound pressure level: 58 db(A)
- Body color: Black

Scan each QR code to see product price and availability.

DUCT FAN VENTS TT 100



Ø: 100 mm | L: 302.5 mm | D: 97 mm

M522062

AREAS OF APPLICATION:

- Supply and exhaust ventilation systems for commercial, office and other public or industrial premises.

OPTIONS:

- Compatible with 100mm PVC or flexible air ducts

DESIGN:

- The fan casing is made of high quality plastic

SPEED CONTROL:

- To optimize the work of an engine there is a
- possibility to use the speed controller.
- Several fans may be connected to one speed controller provided that the total power and operating current do not exceed the rated speed controller parameters.

TECHNICAL DATA:

- Voltage: 220-240V/ 50Hz
- Power: 21/33W
- Type: Duct fan
- Air capacity: 145/187 m3/h
- Sound pressure level: 27/36db(A) at 3 meters
- distance
- Duct diameter: 100mm
- Body color: White
- Body material: Plastic
- Dimensions (LxD): 302.5x97mm
- Weight: 1.54kg

DUCT FAN VENTS TT 125



Ø: 125 mm | L: 258 mm | D: 123 mm

M522064

AREAS OF APPLICATION:

- Supply and exhaust ventilation systems for commercial, office and other public or industrial premises.

OPTIONS:

- Compatible with 100mm PVC or flexible air ducts

DESIGN:

- The fan casing is made of high quality plastic

SPEED CONTROL:

- To optimize the work of an engine there is a possibility to use the speed controller.
- Several fans may be connected to one speed controller provided that the total power and operating current do not exceed the rated speed controller parameters.

TECHNICAL DATA:

- Voltage: 220-240V/ 50Hz
- Power: 23/37W
- Type: Duct fan
- Air capacity: 220/280 m3/h
- Sound pressure level: 28/37db(A) at 3 meters
- distance"
- Duct diameter: 125mm
- Body color: White
- Body material: Plastic
- Dimensions (LxD): 258x123mm
- Weight: 1.51kg

DUCT FAN EL-154, Ø150



Ø: 150 mm | L: 304 mm | H: 248 mm

500207

AREAS OF APPLICATION:

- Supply and exhaust ventilation systems for commercial, office and other public or industrial premises.

OPTIONS:

- Compatible with 150mm PVC or flexible air ducts

DESIGN:

- The fan casing is made of high quality plastic

SPEED CONTROL:

- To optimize the work of an engine there is a possibility to use the speed controller.
- Several fans may be connected to one speed controller provided that the total power and operating current do not exceed the rated speed controller parameters.

TECHNICAL DATA:

- Voltage: 220-240V/ 50Hz
- Power: 40/45/55W
- Type: Duct fan
- Air capacity: 288/330/432 m3/h
- Sound pressure level: 40/46/56db(A) at 3 meters distance"
- Duct diameter: 150mm
- Body color: White
- Body material: Plastic
- Dimensions (LxH): 304x248mm
- Weight: 2.9kg

3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

3 YEARS TOTAL WARRANTY
3 standard
+ 0 extended



Ø: 200 mm | L: 240 mm | H: 344 mm

500208

INLINE CENTRIFUGAL FAN EL-137, Ø200

AREAS OF APPLICATION:

- Supply and exhaust ventilation systems for commercial, office and other public or industrial premises.

OPTIONS:

- Compatible with 200mm PVC or flexible air ducts

DESIGN:

- The fan casing is made of tinned plate.

SPEED CONTROL:

- To optimize the work of an engine there is a possibility to use the speed controller.
- Several fans may be connected to one speed controller provided that the total power and operating current do not exceed the rated speed controller parameters.

MOUNTING:

- The fan is powered through the external terminal box.

TECHNICAL DATA:

- Voltage: 220-240V/ 50Hz
- Power: 152W
- Type: Centrufugal
- Maximum air capacity: 970m3/h
- Revolutions per minute: 2550min
- Sound pressure level: 64 db(A) at 3 meters distance
- IP degree: IP44
- Duct diameter: 200mm
- Body color: Silver
- Body material: Tinned plate
- Working temperature: from -25°C to 60°C
- Dimensions (LxH): 240x344mm
- Weight: 6.1kg



Ø: 315 mm | L: 280 mm | H: 401 mm

500209

INLINE CENTRIFUGAL FAN EL-139, Ø315

AREAS OF APPLICATION:

- Supply and exhaust ventilation systems for commercial, office and other public or industrial premises.

OPTIONS:

- Compatible with 315mm PVC or flexible air ducts

DESIGN:

- The fan casing is made of tinned plate.

SPEED CONTROL:

- To optimize the work of an engine there is a possibility to use the speed controller.
- Several fans may be connected to one speed controller provided that the total power and operating current do not exceed the rated speed controller parameters.

MOUNTING:

- The fan is powered through the external terminal box.

TECHNICAL DATA:

- Voltage: 220-240V/ 50Hz
- Power: 215W
- Type: Centrufugal
- Maximum air capacity: 1440m3/h
- Revolutions per minute: 2550min
- Sound pressure level: 70 db(A) at 3 meters distance
- IP degree: IP44
- Duct diameter: 315mm
- Body color: Silver
- Body material: Tinned plate
- Working temperature: from -25°C to 60°C
- Dimensions (LxH): 280x401mm
- Weight: 6.8kg

Scan each QR code to see product price and availability.



M522231

INLINE CENTRIFUGAL FAN IN STEEL CASING VENTS VKM 250

AREAS OF APPLICATION:

- Supply and exhaust ventilation systems for commercial, office and other public or industrial premises.
- The steel casing provides reliable operation in case of outdoor installation.

OPTIONS:

- Compatible with 250mm PVC or flexible air ducts

DESIGN:

- The fan casing is made of steel with polymeric coating.

SPEED CONTROL:

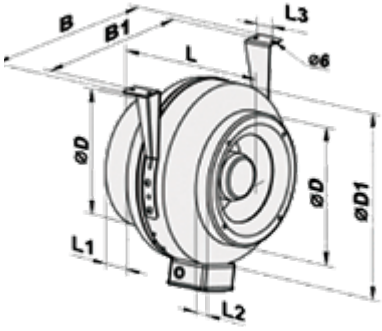
- Smooth or step speed control with a thyristor or autotransformer speed controller.
- Several fans may be connected to one speed controller provided that the total power and operating current do not exceed the rated speed controller parameters.

MOUNTING:

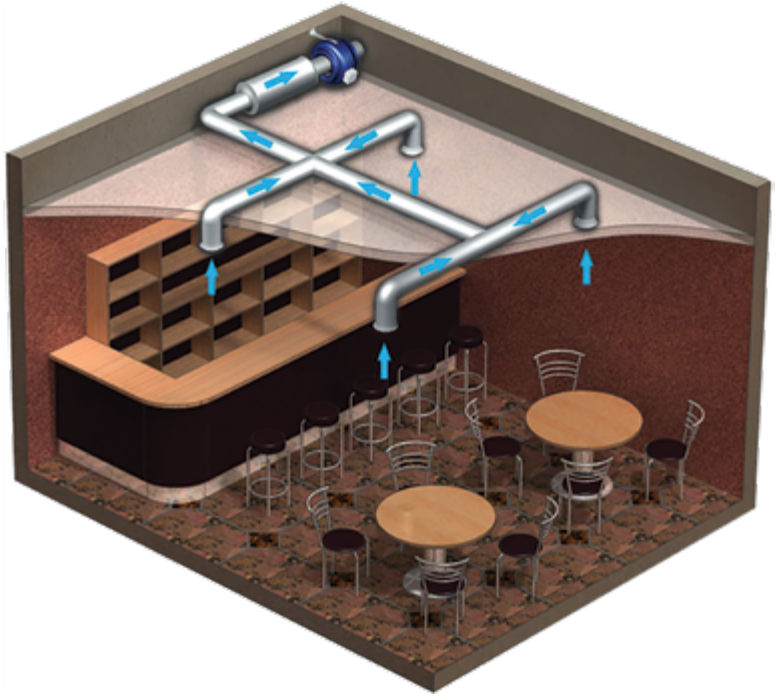
- Mounting to wall or ceiling at any angle is performed with fastening brackets supplied with the unit.
- The fan is powered through the external terminal box.

TECHNICAL DATA:

- Voltage: 220-240V/ 50Hz
- Power: 194W
- Type: Centrufugal
- Maximum air capacity: 1420m3/h
- Revolutions per minute: 2790min
- Sound pressure level: 50 db(A) at 3 meters distance
- IP degree: IPX4
- Duct diameter: 250mm
- Body color: Blue
- Body material: Polymer coated steel
- Working temperature: from -25°C to 45°C
- Dimensions (LxD): 250x345mm
- Weight: 8.4kg



Parameter	Value	Measurement unit
ØD	248	mm
B1	355	mm
ØD1	345	mm
B	395	mm
L	250	mm
L1	25	mm
L2	30	mm
L3	40	mm



3 YEARS TOTAL WARRANTY
+ 3 standard 0 extended

INDUSTRIAL FANS, FOR EXHAUST VENTILATION | TAS2 SERIES

AREAS OF APPLICATION:

In public places like shops, bars, restaurant's, washing facilities as well as in houses, flats and industrial buildings (garages, warehouses, storage halls).

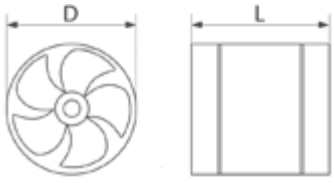
DESIGN:

The fan casing is made of rustproof covered steel.

SPEED CONTROL:

To optimize the work of an engine there is a possibility to use the speed controller.
Several fans may be connected to one speed controller provided that the total power and operating current do not exceed the rated speed controller parameters.





Ø: 149 mm | L: 177 mm

TAS2-150

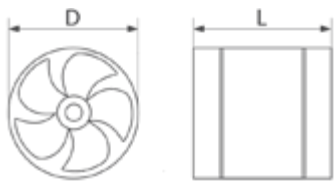
500199

INDUSTRIAL FAN TAS2-150

TECHNICAL DATA

- Voltage: 220-240V/ 50Hz
- Power: 32W
- Air capacity: 180 m3/h
- Sound pressure level: 50 db(A) at 3 meters distance
- Revolutions per minute: 1400min
- Duct diameter: 150mm
- Body color: Silver
- Body material: Rustproof covered steel
- IP degree: IPX2
- Working temperature: up to 40°C
- Dimensions (LxD): 177x149mm
- Weight: 1.6kg





Ø: 199 mm | L: 187 mm

TAS2-200

500256

INDUSTRIAL FAN TAS2-200

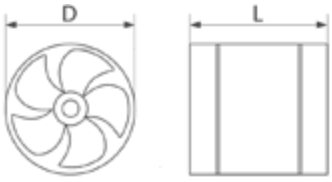
TECHNICAL DATA

- Voltage: 220-240V/ 50Hz
- Power: 40W
- Air capacity: 400 m3/h
- Sound pressure level: 54 db(A) at 3 meters distance
- Revolutions per minute: 1400min
- Duct diameter: 200mm
- Body color: Silver
- Body material: Rustproof covered steel
- IP degree: IPX2
- Working temperature: up to 40°C
- Dimensions (LxD): 187x199mm
- Weight: 1.9kg

3 YEARS TOTAL WARRANTY
3 standard + 0 extended

Scan each QR code to see product price and availability.





Ø: 249 mm | L: 208 mm

TAS2-250

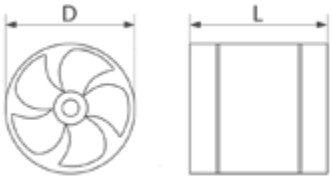
500257

INDUSTRIAL FAN TAS2-250

TECHNICAL DATA

- Voltage: 220-240V/ 50Hz
- Power: 86W
- Air capacity: 1000 m3/h
- Sound pressure level: 56 db(A) at 3 meters distance
- Revolutions per minute: 1400min
- Duct diameter: 250mm
- Body color: Silver
- Body material: Rustproof covered steel
- IP degree: IPX2
- Working temperature: up to 40°C
- Dimensions (LxD): 208x249mm
- Weight: 2.8kg





Ø: 314 mm | L: 218 mm

TAS2-315

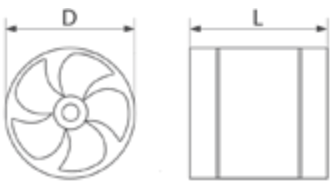
500200

INDUSTRIAL FAN TAS2-315

TECHNICAL DATA

- Voltage: 220-240V/ 50Hz
- Power: 110W
- Air capacity: 1350 m3/h
- Sound pressure level: 60 db(A) at 3 meters distance
- Revolutions per minute: 1400min
- Duct diameter: 315mm
- Body color: Silver
- Body material: Rustproof covered steel
- IP degree: IPX2
- Working temperature: up to 40°C
- Dimensions (LxD): 218x314mm
- Weight: 3.8kg





Ø: 349 mm | L: 219 mm

TAS2-350

500206

INDUSTRIAL FAN TAS2-350

TECHNICAL DATA

- Voltage: 220-240V/ 50Hz
- Power: 110W
- Air capacity: 1750 m3/h
- Sound pressure level: 60 db(A) at 3 meters distance
- Revolutions per minute: 1400min
- Duct diameter: 350mm
- Body color: Silver
- Body material: Rustproof covered steel
- IP degree: IPX2
- Working temperature: up to 40°C
- Dimensions (LxD): 219x349mm
- Weight: 4.3kg

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

3 YEARS TOTAL WARRANTY
+ 3 standard
0 extended

VENTILATION SPEED CONTROLLERS

Speed regulators are used to control the rotational speed of single-phase electric motors only, in which it is possible to regulate the speed by changing the voltage. Several devices can be connected to one controller, provided that their sum does not exceed the maximum load of the controllers.





L: 82 mm | H: 82 mm | W: 60 mm

EL01-290

500211 VENTILATION SPEED CONTROLLERS EL01-290, 1A

TECHNICAL DATA

- Voltage: 220-240V AC
- Rated current: 0.1-1A
- IP degree: IP44/54
- Dimensions (LxHxW): 82x82x60mm
- Mounting: Surface





L: 82 mm | H: 82 mm | W: 60 mm

EL01-291

500212 VENTILATION SPEED CONTROLLERS EL01-291, 4A

TECHNICAL DATA

- Voltage: 220-240V AC
- Rated current: 0.4-4A
- IP degree: IP44/54
- Dimensions (LxHxW): 82x82x60mm
- Mounting: Surface

Scan each QR code to see product price and availability.

VENTILATION SYSTEMS ACCESSORIES



ROUND DUCTS AND ACCESSORIES



AIR CONDUIT ALUMINUM

- Type: Air conduit for ventilation and air-condition systems.
- Material: Aluminum 99.5%

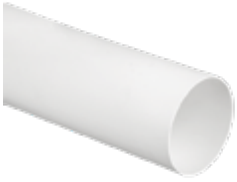
Catalogue number	Diameter (mm)	Full length (m)	Thickness (mm)	Packing/Box (pcs)
500201	100	1.5	0.1	66
500203	120	1.5	0.1	45
500101	100	3	0.1	42
500103	120	3	0.1	30



AIR CONDUIT TEXOFLEX

- Type: Air conduit for aspiration and ventilation systems.
- Material: multilayer aluminum, laminated with polyester and forced with reinforcement additionally. Light and flexible, easy to use. Toxic gases are not being insulated in case of a fire.
- *Certified in B1 category - fireproof material.*

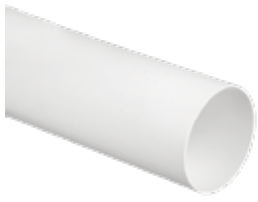
Catalogue number	Diameter (mm)	Full length (m)	Thickness (mm)	Packing/Box (pcs)
500204	100	1.5	0.1	12
500205	120	1.5	0.1	12
500104	100	3	0.1	12
500105	120	3	0.1	12



Ø: 100 mm | L: 1000 mm

500244 ROUND DUCT 100 MM

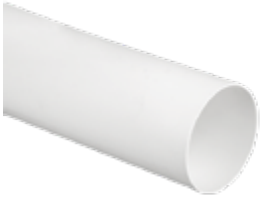
Type: Round duct
Model: EL02-466
Material: Plastic
Colour: White
Dimensions: Ø100mm
Length: 1m



Ø: 125 mm | L: 1000 mm

500245 ROUND DUCT 125 MM

Type: Round duct
Model: EL02-478
Material: Plastic
Colour: White
Dimensions: Ø125mm
Length: 1m



Ø: 150 mm | L: 1000 mm

500246 ROUND DUCT 150MM

Type: Round duct
Model: EL02-490
Material: Plastic
Colour: White
Dimensions: Ø150mm
Length: 1m

Scan each QR code to see product price and availability.



Ø: 100 mm

500241

CONNECTOR WITH BACK FLOW VALVE FOR ROUND DUCT

Type: Connector with valve
Model: EL02-463
Material: Plastic
Colour: White
Dimensions: Ø100mm



Ø: 125 mm

500242

CONNECTOR WITH BACK FLOW VALVE FOR ROUND DUCT

Type: Connector with valve
Model: EL02-475
Material: Plastic
Colour: White
Dimensions: Ø125mm



Ø: 150 mm

500243

CONNECTOR FOR ROUND DUCT

Type: Connector
Model: EL02-488
Material: Plastic
Colour: White
Dimensions: Ø150mm



Ø: 100 mm

500235

CONNECTION KNEE FOR ROUND DUCT, 90°

Type: 90° vertical knee
Model: EL02-459
Material: Plastic
Colour: White
Dimensions: Ø100mm



Ø: 125 mm

500236

CONNECTION KNEE FOR ROUND DUCT, 90°

Type: 90° vertical knee
Model: EL02-471
Material: Plastic
Colour: White
Dimensions: Ø125mm



Ø: 150 mm

500237

CONNECTION KNEE FOR ROUND DUCT, 90°

Type: 90° vertical knee
Model: EL02-483
Material: Plastic
Colour: White
Dimensions: Ø150mm

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity



Ø: 100 mm

500238

T-JOINT CONNECTOR FOR ROUND DUCTS

Type: T-joint
Model: EL02-460
Material: Plastic
Colour: White
Dimensions: Ø100mm



Ø: 125 mm

500239

T-JOINT CONNECTOR FOR ROUND DUCTS

Type: T-joint
Model: EL02-472
Material: Plastic
Colour: White
Dimensions: Ø125mm



Ø: 100 mm | L: 150 mm | H: 135 mm

500234

WALL CONNECTOR WITH BACK FLOW VALVE AND COLLAR FOR ROUND DUCT

Type: Wall connector with valve
Model: EL02-505
Material: Plastic
Colour: White
Dimensions of inlet: Ø100mm
External dimensions: 150x135mm



Ø: 100 mm | L: 110 mm | H: 55 mm

500222

WALL CONNECTOR WITH BACK FLOW VALVE AND COLLAR FOR FLAT TO ROUND DUCT

Type: Connector with valve
Model: EL02-506
Material: Plastic
Colour: White
Dimensions of flat side: 110x55mm
Dimensions of round side: Ø100mm



Ø: 100 »150 mm

500109

UNIVERSAL REDUCT PVC FOR Ø100-Ø150

Type: Universal reduct PVC for Ø100-Ø150
Material: Plastic

Scan each QR code to see product price and availability.



Ø: 120 »150 mm

500170

REDUCING CONNECTOR FOR FANS WITH DIAMETER120MM TO MOUNTING IN AIR DUCT WITH DIAMETER150MM

Type: Connector 120 to 150mm
Material: Plastic

* All fans with a diameter of 120mm can be installed in an air duct with a diameter of 150mm, after adding this reducing connector.

Ø: 120 »250 mm

500247

ROUND REDUCTION RING D-120MM TO D-125MM

Type: Round reduction ring Ø100-125mm
Model: EL02-230
Material: Plastic
Colour: White
Dimensions: Ø120-125mm



500248

PIPE HOLDERS WITHOUT CABLE TIES

Type: Pipe holders
Model: EL02-515
Material: Plastic
Colour: White
SET: 20pcs

Ø: 100 mm

500249

PIPE HOLDERS FOR PIPE 100MM

Type: Pipe holders
Model: EL02-461
Material: Plastic
Colour: White
Suitable for pipe with diameter: Ø100mm
SET: 2PCS



Ø: 125 mm

500254

PIPE HOLDERS FOR PIPE 125MM

Type: Pipe holders
Model: EL02-474
Material: Plastic
Colour: White
Suitable for pipe with diameter: Ø125mm
SET: 2PCS

Ø: 150 mm

500255

PIPE HOLDERS FOR PIPE 150MM

Type: Pipe holders
Model: EL02-486
Material: Plastic
Colour: White
Suitable for pipe with diameter: Ø150mm
SET: 2PCS

Scan each QR code to see product price and availability.

ELMARK
The Brand of Electricity



H: 55 mm | W: 110 mm | L: 1000 mm

500230 FLAT DUCT

Type: Flat duct
Model: EL02-413
Material: Plastic
Colour: White
Dimensions of inlet: 110x55mm
Length: 1m



H: 55 mm | W: 220 mm | L: 1000 mm

500231 FLAT DUCT

Type: Flat duct
Model: EL02-521
Material: Plastic
Colour: White
Dimensions of inlet: 220x55mm
Length: 1m



H: 55 mm | W: 110 mm

500228 FLAT DUCT CONNECTOR

Type: Flat duct connector
Model: EL02-411
Material: Plastic
Colour: White
Dimensions of inlet: 110x55mm



H: 55 mm | W: 220 mm

500229 FLAT DUCT CONNECTOR

Type: Flat duct connector
Model: EL02-523
Material: Plastic
Colour: White
Dimensions of inlet: 220x55mm



H: 55 mm | W: 110 mm

M522030 FLAT DUCT CONNECTOR WITH DAMPER

Type: Flat duct connector with damper
Material: Plastic

H: 110 mm | W: 55 mm

500220 HORIZONTAL CONNECTION KNEE FOR FLAT DUCT, 90°

Type: 90° vertical knee
Model: EL02-406
Material: Plastic
Colour: White
Dimensions of flat side: 110x55mm

Scan each QR code to see product price and availability.

H: 220 mm | W: 55 mm

500221

HORIZONTAL CONNECTION KNEE FOR FLAT DUCT, 90°

Type: 90° vertical knee
Model: EL02-524
Material: Plastic
Colour: White
Dimensions of flat side: 220x55mm



H: 55 mm | W: 110 mm

500218

HORIZONTAL CONNECTION KNEE FOR FLAT DUCT, 90°

Type: 90° horizontal knee
Model: EL02-405
Material: Plastic
Colour: White
Dimensions of flat side: 110x55mm



H: 55 mm | W: 110 mm

500219

HORIZONTAL CONNECTION KNEE FOR FLAT DUCT, 90°

Type: 90° horizontal knee
Model: EL02-522
Material: Plastic
Colour: White
Dimensions of flat side: 220x55mm

H: 55 mm | W: 110 mm

500217

ADJUSTABLE HORIZONTAL CONNECTION KNEE FOR FLAT DUCT, 45°

Type: 45° adjustable horizontal knee
Model: EL02-404
Material: Plastic
Colour: White
Dimensions of flat side: 110x55mm

Ø: 100 mm | H: 110 mm | W: 55 mm

500215

CONNECTING BEND FOR FLAT & ROUND DUCTS, 90°

Type: 90° connecting bend for flat & round ducts
Model: EL02-403
Material: Plastic
Colour: White
Dimensions of flat side: 110x55mm
Diameter of round side: 100mm

Ø: 125 mm | H: 220 mm | W: 55 mm

500216

CONNECTING BEND FOR FLAT & ROUND DUCTS, 90°

Type: 90° connecting bend for flat & round ducts
Model: EL02-512
Material: Plastic
Colour: White
Dimensions of flat side: 220x55mm
Diameter of round side: 125mm

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Ø: 100 mm | H: 55 mm | W: 110 mm

M522017 T-JOINT FOR FLAT & ROUND DUCTS

Type: T-joint for flat & round ducts
Connection diameter: 100 mm
Material: Plastic



H: 55mm | W: 110 mm

500224 T-JOINT CONNECTOR FOR FLAT DUCTS

Type: T-joint
Model: EL02-409
Material: Plastic
Colour: White
Dimensions of inlet: 110x55mm



H: 55 mm | W: 220 mm

500225 T-JOINT CONNECTOR FOR FLAT DUCTS

Type: T-joint
Model: EL02-513
Material: Plastic
Colour: White
Dimensions of inlet: 220x55mm



Ø: 100 mm | H: 55 mm | W: 110 mm

500213 ROUND TO FLAT CONNECTOR FOR AIR DUCT SYSTEM

Type: Round to flat connector
Model: EL02-401
Material: Plastic
Colour: White
Dimensions of flat side: 110x55mm
Diameter of round side: 100mm



Ø: 125 mm | H: 55 mm | W: 220 mm

500214 ROUND TO FLAT CONNECTOR FOR AIR DUCT SYSTEM

Type: Round to flat connector
Model: EL02-511
Material: Plastic
Colour: White
Dimensions of flat side: 220x55mm
Diameter of round side: 125mm



H: 55 mm | W: 220 mm | H1: 155 mm | W1: 155 mm

500223 WALL FLANGE FOR FLAT DUCT

Type: Wall flange
Model: EL02-408
Material: Plastic
Colour: White
Dimensions of inlet: 110x55mm
External dimensions: 155x155mm

Scan each QR code to see product price and availability.

H: 55 mm W: 110 mm

500226 FLAT DUCT CLIPS

Type: Flat duct clips
Model: EL02-410
Material: Plastic
Colour: White
Suitable for duct with dimension: 110x55mm
SET: Included 2 pcs

H: 55 mm W: 220 mm

500227 FLAT DUCT CLIPS

Type: Flat duct clips
Model: EL02-525
Material: Plastic
Colour: White
Suitable for duct with dimension: 220x55mm
SET: Included 2 pcs



H: 55 mm W: 110 mm

500232 END GRILLE FOR FLAT DUCTS

Type: Flat duct end
Model: EL02-415
Material: Plastic
Colour: White
Dimensions of inlet: 110x55mm



H: 55 mm W: 220 mm

500233 END GRILLE FOR FLAT DUCTS

Type: Flat duct end
Model: EL02-519
Material: Plastic
Colour: White
Dimensions of inlet: 220x55mm

Scan each QR code to see product price and availability.



Ø: 100 mm

500111

VENTILATION GRILL Ø100

Type: Ventilation grill
For fan with diameter: 100 mm
Material: PVC



Ø: 120 mm

500191/WH

VENTILATION GRILL Ø120

Type: Ventilation grill
For fan with diameter: 120 mm
Material: PVC



Ø: 150 mm

500112

VENTILATION GRILL Ø125

Type: Ventilation grill
For fan with diameter: 125 mm
Material: PVC



Ø: 100 mm

500106

RING Ø100

Type: Ring
For fan with diameter: 100 mm
Material: Plastic



Ø: 120 mm

500107

RING Ø120

Type: Ring
For fan with diameter: 120 mm
Material: Plastic

Scan each QR code to see product price and availability.



Ø: 100 » 120 mm

500108 FRONT MASK WITH SHUTTER ADJUSTABLE

Type: Front mask with shutter adjustable
Diameter: 100/120 mm
Material: Plastic



Ø: 100 » 150 mm | H: 170 mm | L: 170 mm

500171 ANTI-RAIN VENTILATION GRILL WITH SPRING UP D100 TO D150

Type: Front mask with springs
Diameter: suitable for holes from 100 till 150mm
Material: Plastic
Dimensions (LxWxD): 170x170x20mm



METAL FAN GRILL

Catalogue number	Type	Connection diameter (mm)	Width (mm)	Material
M522049T	Metal fan grill	125	125	Metal
M522050T	Metal fan grill	150	150	Metal
M522139	Metal fan grill	200	200	Metal



EXHAUST GRILL

Catalogue number	Type	Colour	Dimensions (mm)
500136	Aluminum exhaust grill	Grey	200x200
500137	Aluminum exhaust grill	Grey	250x250
500138	Aluminum exhaust grill	Grey	300x300
500139	Aluminum exhaust grill	Grey	350x350



AIR CONDUIT METAL CLAMPS

Catalogue number	Type	Connection diameter (mm)
M522036	Air conduit metal clamps	90-110
M522089	Air conduit metal clamps	110-130

Scan each QR code to see product price and availability.



Ø: 100 mm

500113 VENTILATION ANEMOSTAT Ø100

Type: Ventilation anemostat
For fan with diameter: 100 mm
Material: PVC



Ø: 125 mm

500114 VENTILATION ANEMOSTAT Ø125

Type: Ventilation anemostat
For fan with diameter: 125 mm
Material: PVC



Ø: 100 mm | L: 170 mm | W: 170 mm

500192/WH PVC GRILLE WITH HOOD

Type: Grille with hood
Connection diameter: 100mm
Colour: White
Material: Plastic
Dimensions (LxW): 170x170mm



Ø: 125 mm | L: 170 mm | W: 170 mm

500193/WH PVC GRILLE WITH HOOD

Type: Grille with hood
Connection diameter: 125mm
Colour: White
Material: Plastic
Dimensions (LxW): 170x170mm



Ø: 150 mm | L: 170 mm | W: 170 mm

500194/WH PVC GRILLE WITH HOOD

Type: Grille with hood
Connection diameter: 150 mm
Colour: White
Material: Plastic
Dimensions (LxW): 170x170mm

Scan each QR code to see product price and availability.

PVC DOOR VENTILATION GRILLE



EL02-127



EL02-129

Catalogue number	Model	Colour	Length (mm)	Height (mm)
500196/WH	EL02-127	White	435	115
500196/GR	EL02-125	Graphite	435	115
500196/BL	EL02-129	Black	435	115
500196/B	EL02-130	Beige	435	115
500196/C	EL02-131	Calvados	435	115

Available colours: White, Graphite, Black, Beige, Calvados

ROUND PVC DOOR VENTILATION GRILLES, 6 PCS SET



EL02-114



EL02-117

Catalogue number	Model	Colour	Diameter (mm)
500195/WH	EL02-114	White	35-40
500195/BB	EL02-116	Bright beige	35-40
500195/DB	EL02-117	Dark beige	35-40
500195/G	EL02-118	Gold	35-40
500195/C	EL02-119	Calvados	35-40

Available colours: White, Bright beige, Dark beige, Gold, Calvados

Scan each QR code to see product price and availability.

Available colour: White Graphite

REVISION OPENING PVC, WHITE

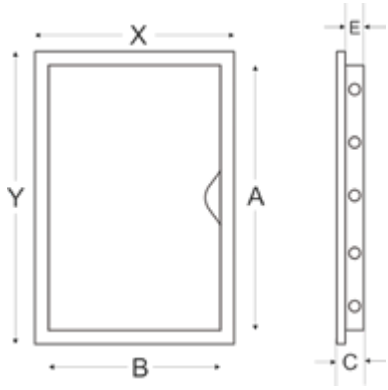
Catalogue number	Model	Length (X) (mm)	Height (Y) (mm)	Depth (E) (mm)	Cut length (B) (mm)	Cut height (A) (mm)
500172/WH	EL-814A- 10/10	115	115	20	85	85
500173/WH	EL-801A- 15/15	165	165	20	135	135
500174/WH	EL-802A- 15/20	165	215	20	135	185
500175/WH	EL-803A- 20/20	215	215	20	185	185
500176/WH	EL-804A- 20/25	215	265	20	185	235
500177/WH	EL-806A- 20/30	215	315	20	185	285
500178/WH	EL-807A- 25/30	275	325	20	235	285
500179/WH	EL-817A- 25/40	275	425	20	235	385
500180/WH	EL-808A- 30/30	325	325	20	285	285
500181/WH	EL-809A- 30/40	325	425	20	285	385



REVISION OPENING PVC, GRAPHITE

Catalogue number	Model	Length (X) (mm)	Height (Y) (mm)	Depth (E) (mm)	Cut length (B) (mm)	Cut height (A) (mm)
500172/GR	EL-814A- 10/10	115	115	20	85	85
500173/GR	EL-801A- 15/15	165	165	20	135	135
500174/GR	EL-802A- 15/20	165	215	20	135	185
500175/GR	EL-803A- 20/20	215	215	20	185	185
500176/GR	EL-804A- 20/25	215	265	20	185	235
500177/GR	EL-806A- 20/30	215	315	20	185	285
500178/GR	EL-807A- 25/30	275	325	20	235	285
500179/GR	EL-817A- 25/40	275	425	20	235	385
500180/GR	EL-808A- 30/30	325	325	20	285	285
500181/GR	EL-809A- 30/40	325	425	20	285	385



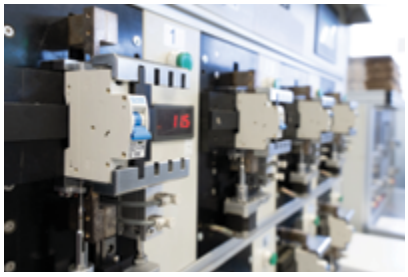


Scan each QR code to see product price and availability.

PRODUCTION & LOGISTICS

PRODUCTIONS

Manufactured in accordance with all European standards and requirements, the ELMARK product line follows the global trends for high efficiency and quality. Our production passes everyday tests and has proven parameters for safety and security, and proof are the international certificates obtained over the years, among which is the TÜV certificate which ensures quality and safety of our production. We provide **up to 7 years of warranty** on our products.


Low-Voltage electrical equipment producing and testing

WAREHOUSE & LOGISTICS

The main ELMARK logistics center has warehouse area of 11 000 sq.m. The capacity of which is over 10 000 pallet places with goods availability worth over €20 000 000. In order to provide our customers with fast and safe delivery, we have founded our own transport company that makes regular deliveries to our customers in every single country in Europe.



WAREHOUSE AREA
11 000
Square meters

CAPACITY
10 000+
Pallet places

GOODS AVAILABILITY
€20 000 000 +
Worth

LIGHTING DIVISION

LIGHTING PRODUCTION

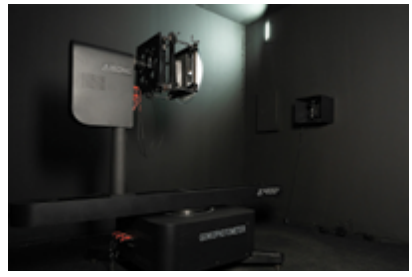
Elmark offers a wide range of lighting products with guaranteed high quality and efficiency. Our products undergo a number of tests that prove their parameters and safety. . The products in Electrical catalogue are presented in the following product categories:



Integrating Sphere



Lighting fixtures testing



Goniophotometer

LIGHTING CATALOGUE

All products from the lighting devisio can be found in our specialized technical catalog. It is divided into four main categories:

- Decor Lighting
- Indoor Lighting
- Outdoor Lighting
- Lamps & Components



ELMARK LIGHTING CATALOGUE

CONTENT HIGHLIGHTS

DECOR LIGHTING

Luxury Decor Lighting
Crystal Lighting
Decor Classic Lighting
Spot Lighting
Table And Floor
Fabric Track Light

INDOOR LIGHTING

Led Panels
Ceiling And Wall Led Fixtures
Led Profiles
Downlights
Cabinet Furniture Lighting
Magnetic Track Light Systems
Track Light Systems
Emergency Light

OUTDOOR LIGHTING

Garden lights
Facade & ground lights
Solar lights
Industrial lights
Emergency Light

LAMPS AND COMPONENTS

Led Bulbs
Led Strips & Neon
Profiles For Led Strips
Accessories