ELMARK HOLDING SE United Kingdom




# CATALOGUE 2020

7 YEARS WARRANTY

ELMARK®

The Brand of Electricity




EUROPEAN MANUFACTURER

DIVERSIFIED PORTFOLIO

Allianz
1 500 000 EUR

INTERNATIONAL INSURANCE

CERTIFIED QUALITY

## WHAT MAKES US DIFFERENT?

ELMARK is European trusted brand for LV electrical automation and supplies, indoor and outdoor luminaires. Our diversified portfolio offers an effective path to fast growth, we answer to our existing customers' needs and at the same time we have the opportunity to establish new markets. We have more than 19 years of experience in providing high performance solutions across a range of different sectors such as residential, hospitality and recreation, office, industry, road and cityscape.

Our well-balanced portfolio ensures excellent market coverage with outstanding quality. We have built trust and creditability with our partners as ELMARK enjoys the recognition of INTERTEK for safe and reliable products, manufactured in accordance with the European safety requirements and quality standards.

ELMARK showcases and maintains product safety and performance, we provide 7 years worldwide warranty as confidence in our production quality.

For more than 14 years partnership with ALLIANZ, Germany we do not have a single claim for the International insurance which guarantees coverage of damages that may occur as a result of any act or omission relating to ELMARK products. We always stay in tune with the environment, safety standards and comfort demand.

Our research and development department currently works on new features and technologies important for the future, that will generate benefits to all our partners, such as smart buildings solutions tailored to clients personal needs and comfort. We constantly develop our product portfolio into a meaningful, differentiated and winning asset. Thanks to continuous improvement and developments we successfully leverage our core competences of lighting and electrical under one roof.

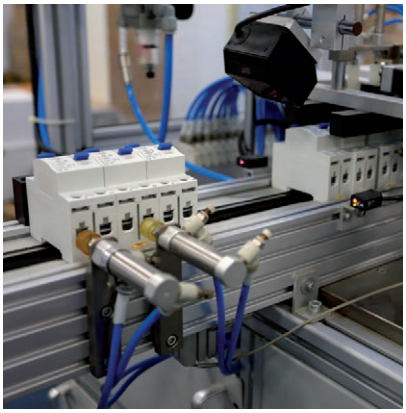
| 2000 | 2002 | 2003 | 2004 |
|---|---|---|---|
| ELMARK Brand was born | Dynamic expansion on Bulgarian market | NEW company in ROMANIA | Starts production of Low Voltage Electrical Equipment |



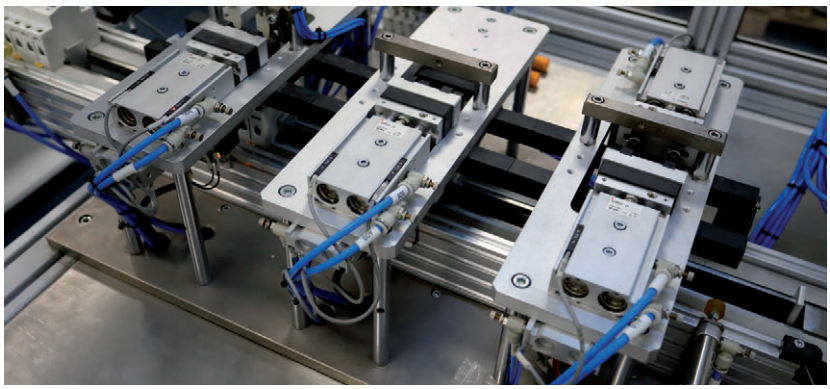

## PRODUCTION FACILITIES

ELMARK Production Complex consists of a manufacturing plant and testing centres for both low- voltage electrical and lighting solutions. We successfully combine automated technology with experience to meet quality highest standards, ensure high efficiency and add value to our clients.

The Complex together with the adjacent warehouse facilities occupy a total area of 10,000 m2, strategically located in Bulgaria, nearby the Black Sea where it benefits from its proximity to major transport links and direct access to European market.







| 2005 | 2006 | 2007 | 2008 | 2009 |
|---|---|---|---|---|
| NEW company in SERBIA | ELMARK Holding AD has been established | Moves to a new Headquarter of 3500 sq.m | NEW Logistic centre of 5000 sq.m | NEW company in CROATIA |




MAIN SHOWROOM

## COMMERCIAL BENEFITS

ELMARK offers its customers unrivalled combination of products at competitive prices.

We are proud with our widespread international network of highly-valued business partners in over 50 countries. Understanding our clients' requirements stays at the centre of our business cooperation. We apply proven industry and market concepts and training for both business-to-business and business-to-consumer companies.

We focus to build strong and lasting relationships and maintain friendly communication with our partners. All of our customers are provided with a dedicated account manager to deliver the highest level of customer service.

- PROFIT MIX
- TRAINING
- MARKETING SUPPORT
- DEDICATED ACCOUNT MANAGER
- AFTERSALES SUPPORT
- LONG TERM PARTNERSHIP

| 2010 | 2011 | 2012 | 2013 | 2014 |
|---|---|---|---|---|
| NEW Production line for LED Lighting | NEW company in GREECE and BOSNIA AND HERZEGOVINA | NEW company in HUNGARY | Intertek: S Mark NEW Automatic Testing Equipment for LV & Lighting Lab | NEW company in SLOVENIA |

## HEADQUARTER




## OUR VISION

ELMARK aims to be your trusted partner that offers the balance of high quality, efficiency and comfort.

## MISSION

ELMARK is focused to ensure high reliability and cost effective solutions to all consumers. We keep improving our components and products, productivity, quality control, added value, and cost reduction in order to offer market-aligned solutions worldwide.

## OUR VALUES

Ethical / Respectful / Team Player / Dedicated / Caring / Sustainable / Flexible

**United Kingdom, London**
HEADQUARTER

**Bulgaria, Dobrich**
European Factory & Warehouse

**UAE, Dubai**
Middle East Test Centre & Warehouse

**2015**
Middle East-Sales and Logistics Branch and Test Centre in Dubai Silicon Oasis, UAE

**2016**
NEW company in UNITED KINGDOM and SLOVAKIA

**2017**
NEW product line Decorative Lighting

**2018**
Building Second Logistic Centre of 4000 sq.m, Retail Franchise

**2018**
ELMARK DIGITAL, E-Business Platform, Mobile Application, Check & Order System

## TECHNICAL SUPPORT AND CONSULTING

We operate from 10 different locations across the globe to ensure flexible approach to every project worldwide. Our experienced engineers and advisors have a proven ability to provide technical expertise on different projects from small private clients to large-scale market centres. We ensure viable and sustainable product solutions as well as clear and useful advice.

Our ELMARK library offers a variety of technical documents to provide guidance on standards, safety, usage and installation. Each product dossier contains certificates, Data Sheet with product specification, test reports, Photometric Data (IES) Files that help professionals select products and systems that are most appropriate for their requirements.




## LOGISTICS AND SUPPLY CHAIN

Successful inventory management plays a key role for our growth strategy. ELMARK keeps in stock more than 10 000 finished products to answer customer demand and reduce the lead time. Our customized ERP, WMS and digital business solutions increase our organization productivity and visibility at all levels. Flexibility and cost-effective operations helps us increase speed, improve competitiveness and maintain customer satisfaction. ELMARK fleet of vehicles and trusted logistic partners provide fast and reliable delivery solutions.




FLEXIBLE SUPPLY CHAIN

STOCK AVAILABILITIES

MOBILE CHECK & ORDER APP

ECOMMERCE DATABASE

# EXTENDED WARRANTY UP TO 7 YEARS

The production of ELMARK products is closely supervised by qualified engineers to guarantee high quality level. We warrant that our products are manufactured in accordance with all applicable European standards and are free from defects in materials and workmanship.

We are proud with **ALLIANZ GERMANY** recognition for the lack of claims for **14 consecutive years** in regard of insurance "Product liability" for **1 500 000 EUR**. ELMARK guarantees professional production and products durability and offers its clients the possibility to receive an Extended Warranty for all ELMARK products that have been purchased.

## Extended warranty package:

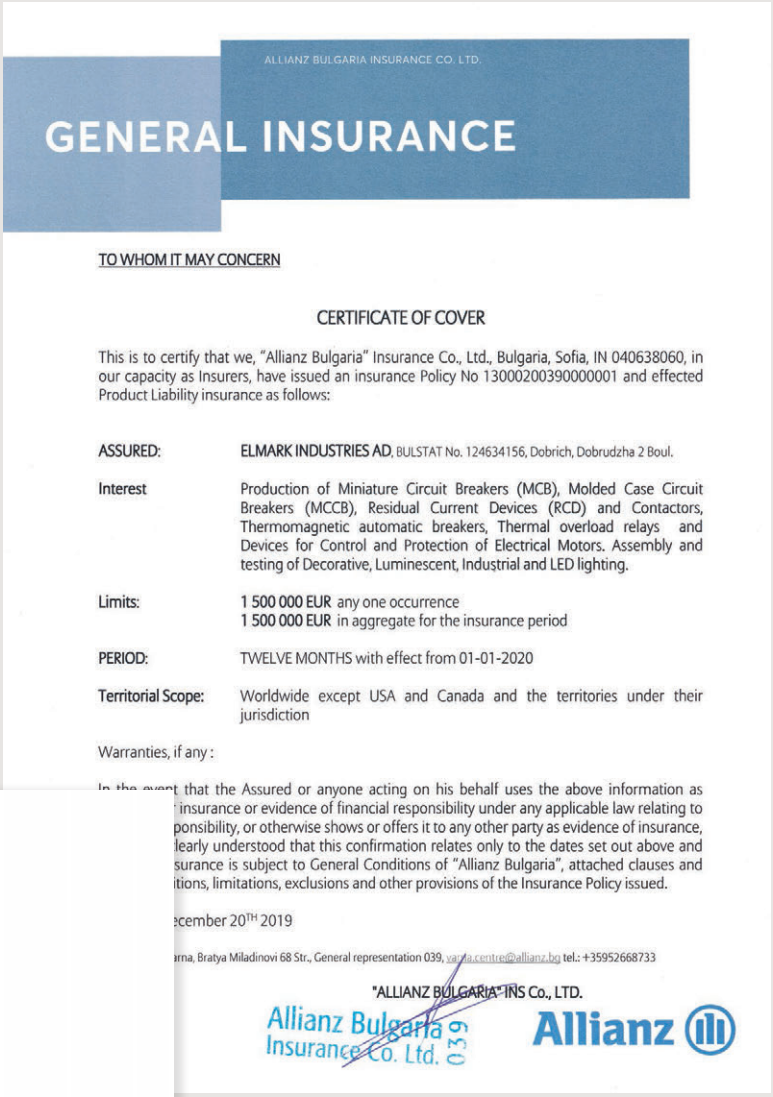
- total **7 years full warranty** for products in **Automation**
- total **5 years full warranty** for products in **Electrical materials**
- total **5 years full warranty** for products in **LED Lighting**
- total **5 years full warranty** for products in **Decor lighting**




***Register your purchase*** *at www.elmarkholding.eu and get up to* ***7 years extended warranty*** *for ELMARK products.*



For more information read the General Terms and Conditions



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 13000200390000001 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<br>1 500 000 EUR in aggregate for the insurance period |
| PERIOD: | TWELVE MONTHS with effect from 01-01-2020 |
| 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 insurance or evidence of financial responsibility under any applicable law relating to ponsibility, or otherwise shows or offers it to any other party as evidence of insurance, learly understood that this confirmation relates only to the dates set out above and surance is subject to General Conditions of "Allianz Bulgaria", attached clauses and itions, limitations, exclusions and other provisions of the Insurance Policy issued.

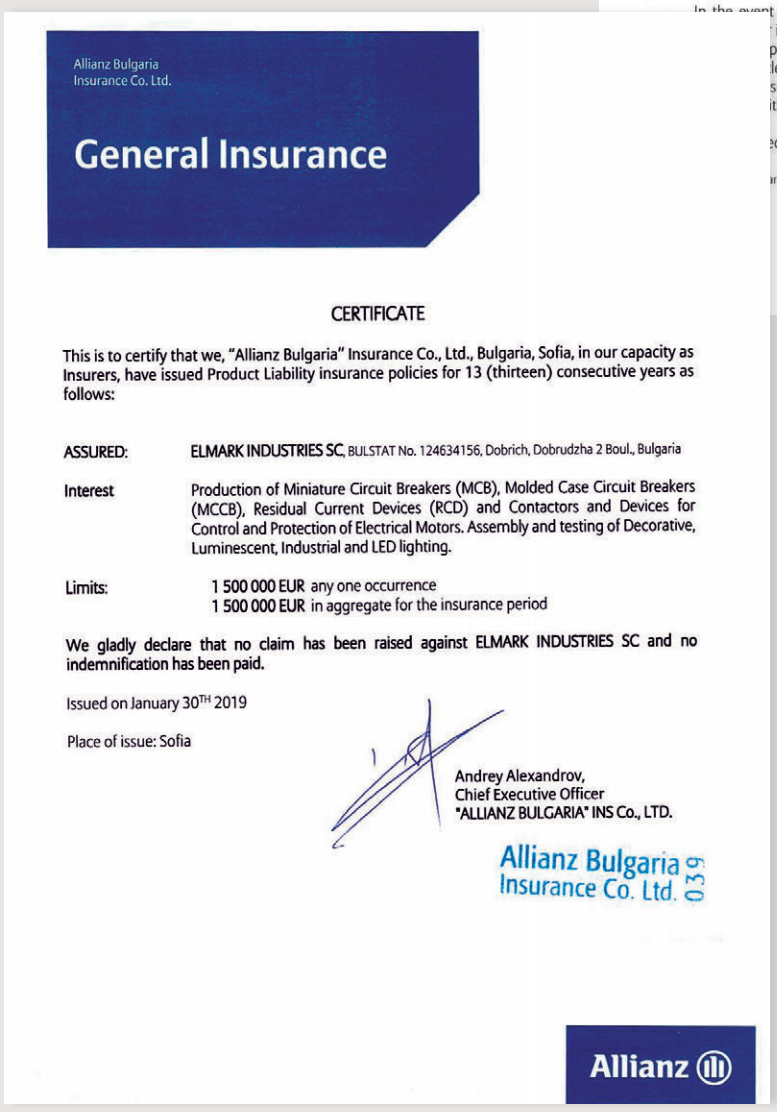
ecember 20TH 2019

rna, Bratya Miladinovi 68 Str., General representation 039, varna.center@allianz.bg tel.: +35952668733

"ALLIANZ BULGARIA" INS Co., LTD.

Allianz Bulgaria Insurance Co. Ltd. 039

Allianz



Allianz Bulgaria
Insurance Co. Ltd.

General Insurance

CERTIFICATE

This is to certify that we, "Allianz Bulgaria" Insurance Co., Ltd., Bulgaria, Sofia, in our capacity as Insurers, have issued Product Liability insurance policies for 13 (thirteen) consecutive years as follows:

| | |
|---|---|
| ASSURED: | ELMARK INDUSTRIES SC, BULSTAT No. 124634156, Dobrich, Dobrudzha 2 Boul., Bulgaria |
| Interest | Production 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 Decorative, Luminescent, Industrial and LED lighting. |
| Limits: | 1 500 000 EUR any one occurrence<br>1 500 000 EUR in aggregate for the insurance period |

We gladly declare that no claim has been raised against ELMARK INDUSTRIES SC and no indemnification has been paid.

Issued on January 30TH 2019

Place of issue: Sofia

Andrey Alexandrov,
Chief Executive Officer
"ALLIANZ BULGARIA" INS Co., LTD.

Allianz Bulgaria Insurance Co. Ltd. 039

Allianz

**Allianz Bulgaria Insurance Co. Ltd.** declares that no claim has been raised against ELMARK INDUSTRIES SC and no indemnification has been paid for 14 consecutive years.

BUREAU VERITAS
Certification

# ELMARK INDUSTRIES AD

2, Dobrudzha Blvd., 9300 Dobrich, Bulgaria

*Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organization has been audited and found to be in accordance with the requirements of the management system standard 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 Fluorescent, Industrial and LED lighting. Assembly and testing of decorative lighting.**

Original Cycle start date: **7 April 2009**

Recertification cycle start date: **17 March 2018**

Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: **16 March 2021**

**Certificate No: BG.121218Q/U**

Version 1, Revision date: **7 March 2018**

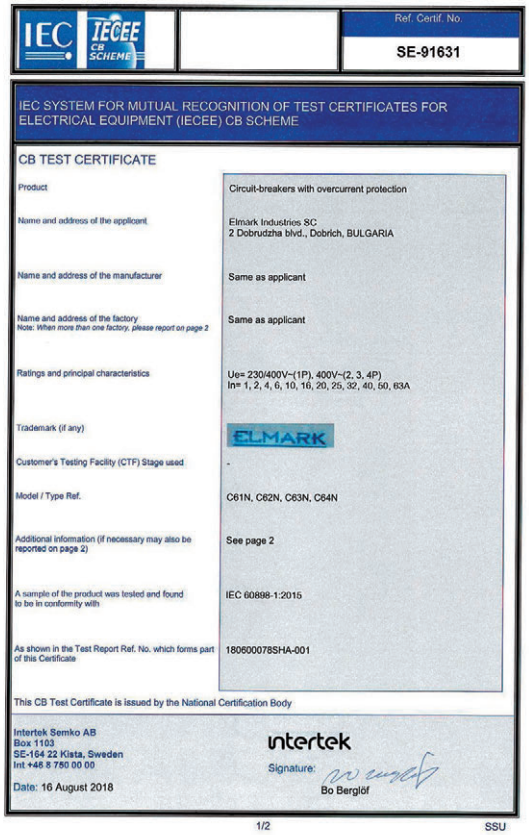
*Certification body address: 5th Floor, 66 Prescot Street, London, E1 8HG, United Kingdom*
*Local Office: 81A, Bulgaria Blvd., 1404 Sofia, Bulgaria*

*Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organization.*
*To check this certificate validity please call: +359 (2) 983 60 44*

UKAS MANAGEMENT SYSTEMS
0008



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IEC IECEE CB SCHEME

Ref. Certif. No.
SE-91631

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

CB TEST CERTIFICATE

| | |
|---|---|
| Product | Circuit-breakers with overcurrent protection |
| Name and address of the applicant | Elmark Industries SC<br>2 Dobrudzha blvd., Dobrich, BULGARIA |
| Name and address of the manufacturer | Same as applicant |
| Name and address of the factory<br>Note: When more than one factory, please report on page 2 | Same as applicant |
| Ratings and principal characteristics | Ue= 230/400V~(1P), 400V~(2, 3, 4P)<br>In= 1, 2, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63A |
| Trademark (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) | See page 2 |
| A sample of the product was tested and found to be in conformity with | IEC 60898-1:2015 |
| As shown in the Test Report Ref. No. which forms part of this Certificate | 180600078SHA-001 |

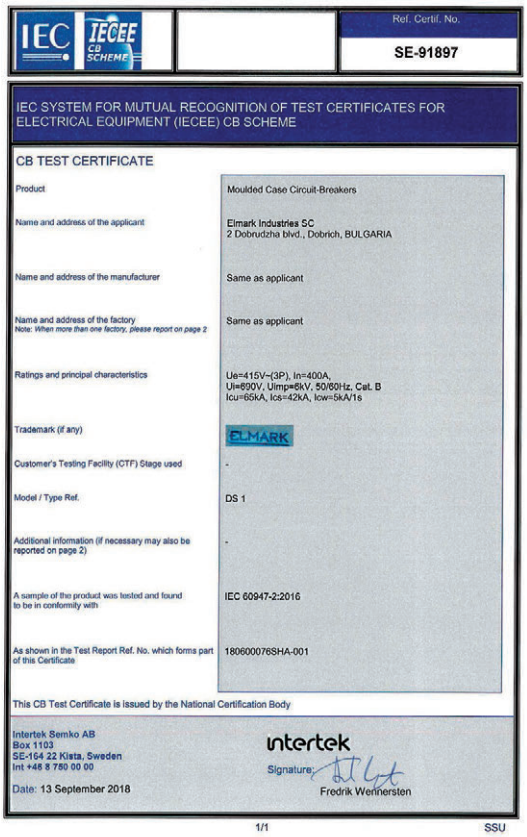
This CB Test Certificate is issued by the National Certification Body

Intertek Semko AB
Box 1103
SE-164 22 Kista, Sweden
Int +46 8 750 00 00

Date: 16 August 2018

intertek
Signature:
Bo Berglöf

1/2 SSU



IEC IECEE CB SCHEME

Ref. Certif. No.
SE-91897

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

CB TEST CERTIFICATE

| | |
|---|---|
| Product | Moulded Case Circuit-Breakers |
| Name and address of the applicant | Elmark Industries SC<br>2 Dobrudzha blvd., Dobrich, BULGARIA |
| Name and address of the manufacturer | Same as applicant |
| Name and address of the factory<br>Note: When more than one factory, please report on page 2 | Same as applicant |
| Ratings and principal characteristics | Ue=415V~(3P), In=400A,<br>Ui=690V, Uimp=6kV, 50/60Hz, Cat. B<br>Icu=65kA, Ics=42kA, Icw=5kA/1s |
| Trademark (if any) | ELMARK |
| Customer's Testing Facility (CTF) Stage used | - |
| Model / Type Ref. | DS 1 |
| Additional information (if necessary may also be reported on page 2) | - |
| A sample of the product was tested and found to be in conformity with | IEC 60947-2:2016 |
| As shown in the Test Report Ref. No. which forms part of this Certificate | 180600076SHA-001 |

This CB Test Certificate is issued by the National Certification Body

Intertek Semko AB
Box 1103
SE-164 22 Kista, Sweden
Int +46 8 750 00 00

Date: 13 September 2018

intertek
Signature:
Fredrik Wennersten

1/1 SSU



Intertek

# Certificate

for European Product Safety

*Reference No. 1814486*

## Circuit-breakers with overcurrent protection

| | |
|---|---|
| *Type designation* | C61N, C62N, C63N, C64N |
| *Certificate holder* | **Elmark Industries SC**<br>**2 Dobrudzha blvd., Dobrich,**<br>**BULGARIA** |
| *The product complies with the standard(s)* | EN 60898-1:2003+A1+A11+A12 +A13 |
| *Date of expiry* | 16 August 2023 |
| *EU Directive information* | According to the principle of presumption of conformity, this certificate constitutes support for an EC Declaration of Conformity and CE marking according to the Low Voltage Directive 2014/35/EU. |

Additional information in Appendix.

*Certification Body* Intertek Semko AB, Product Certification *Place* Kista - Stockholm

*Signed* Bo Berglöf *Date* 16 August 2018

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*This certificate is issued in accordance with the terms and conditions set out in the Appendix.*



Intertek

# Certificate

for European Product Safety

*Reference No. 1815647*

## Moulded Case Circuit-Breakers

| | |
|---|---|
| *Type designation* | DS 1 |
| *Certificate holder* | **Elmark Industries SC**<br>**2 Dobrudzha blvd., Dobrich,**<br>**BULGARIA** |
| *The product complies with the standard(s)* | EN 60947-2:2017 |
| *Date of expiry* | 13 September 2023 |
| *EU Directive information* | According to the principle of presumption of conformity, this certificate constitutes support for an EC Declaration of Conformity and CE marking according to the Low Voltage Directive 2014/35/EU. |

Additional information in Appendix.

*Certification Body* Intertek Semko AB, Product Certification *Place* Kista - Stockholm

*Signed* Fredrik Wennersten *Date* 13 September 2018

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*This certificate is issued in accordance with the terms and conditions set out in the Appendix.*

IEC IECEE CB SCHEME

Ref. Certif. No.
SE-92201

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<br>2 Dobrudzha blvd., Dobrich, Bulgaria |
| Name and address of the manufacturer | Same as applicant |
| Name and address of the factory<br>Note: When more than one factory, please report on page 2 | Same as applicant |
| Ratings and principal characteristics | See page 2 |
| Trademark (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) | - |
| A sample of the product was tested and found to be in conformity with | IEC 60947-4-1:2009+A1<br>IEC 60947-5-1:2016 |
| As shown in the Test Report Ref. No. which forms part of this Certificate | 180600074SHA-001, 180600074SHA-002, 180600074SHA-003 |

This CB Test Certificate is issued by the National Certification Body

Intertek Semko AB
Box 1103
SE-164 22 Kista, Sweden
Int +46 8 750 00 00

Date: 15 October 2018

intertek
Signature:
Bo Berglöf

1/2 EHG

IEC IECEE CB SCHEME

Ref. Certif. No.
SE-92359

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

CB TEST CERTIFICATE

| | |
|---|---|
| Product | Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs) |
| Name and address of the applicant | Elmark Industries SC<br>2 Dobrudzha blvd., Dobrich, BULGARIA |
| Name and address of the manufacturer | Same as applicant |
| Name and address of the factory<br>Note: When more than one factory, please report on page 2 | Same as applicant |
| Ratings and principal characteristics | Un= 240V~(1P+N), 415V~(3P+N), 50/60Hz, switched neutral pole<br>In= 10, 16, 20, 25, 32, 40, 63A; -25~40°C<br>IΔn= 0.03, 0.1, 0.3A, type AC & type A<br>Inc= IΔc= 6000A; IP20 |
| Trademark (if any) | ELMARK |
| Customer's Testing Facility (CTF) Stage used | - |
| Model / Type Ref. | JEL1 |
| Additional information (if necessary may also be reported on page 2) | - |
| A sample of the product was tested and found to be in conformity with | IEC 61008-1:2010+A1+A2<br>IEC 61008-2-1:1990 |
| As shown in the Test Report Ref. No. which forms part of this Certificate | 180600072SHA-001 |

This CB Test Certificate is issued by the National Certification Body

Intertek Semko AB
Box 1103
SE-164 22 Kista, Sweden
Int +46 8 750 00 00

Date: 31 October 2018

intertek
Signature:
Paul Klemets

1/1 EHG

intertek
Total Quality. Assured.

# Certificate

for European Product Safety

Intertek

*Reference No. 1817119*

## AC Contactor

| | |
|---|---|
| *Type designation* | LT1-D4011, LT1-D5011, LT1-D6511, LT1-D8011, LT1-D9511 |
| *Certificate holder* | **Elmark Industries SC**<br>**2 Dobrudzha blvd., Dobrich,**<br>**BULGARIA** |
| *The product complies with the standard(s)* | EN 60947-4-1:2010+A1<br>EN 60947-5-1:2017 |
| *Date of expiry* | 15 October 2023 |
| *EU Directive information* | According to the principle of presumption of conformity, this certificate constitutes support for an EC Declaration of Conformity and CE marking according to the Low Voltage Directive 2014/35/EU. |

Additional information in Appendix.

*Certification Body* Intertek Semko AB, Product Certification *Place* Kista - Stockholm

*Signed* Bo Berglöf *Date* 15 October 2018

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*This certificate is issued in accordance with the terms and conditions set out in the Appendix.*

intertek
Total Quality. Assured.

# Certificate

for European Product Safety

Intertek

*Reference No. 1817803*

## Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs)

| | |
|---|---|
| *Type designation* | JEL1 |
| *Certificate holder* | **Elmark Industries SC**<br>**2 Dobrudzha blvd., Dobrich,**<br>**BULGARIA** |
| *The product complies with the standard(s)* | EN 61008-2-1:1994+A11<br>EN 61008-1:2012+A1+A2+A11+A12 |
| *Date of expiry* | 31 October 2023 |
| *EU Directive information* | According to the principle of presumption of conformity, this certificate constitutes support for an EC Declaration of Conformity and CE marking according to the Low Voltage Directive 2014/35/EU. |

Additional information in Appendix.

*Certification Body* Intertek Semko AB, Product Certification *Place* Kista - Stockholm

*Signed* Helen Gustafsson *Date* 31 October 2018

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*This certificate is issued in accordance with the terms and conditions set out in the Appendix.*

## AUTOMATION



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MCB
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C100L-10kA
MCB
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VOLTAGE RELAY
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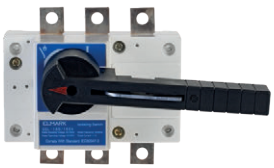
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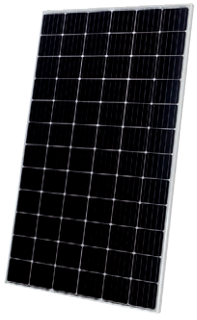
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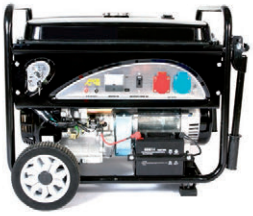
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**INSTALLATION**



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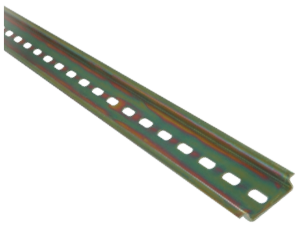
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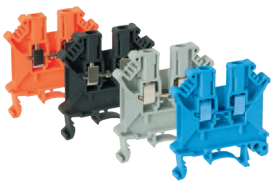
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## CABLES AND MULTIPLUGS



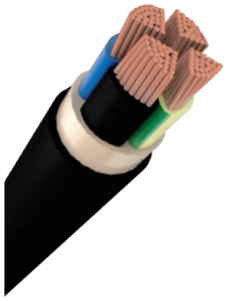
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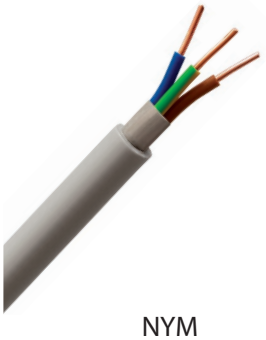
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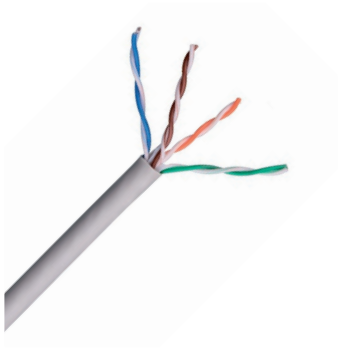
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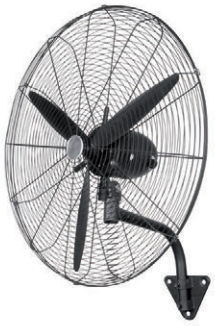
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2/4 LINES CINEMA SKY
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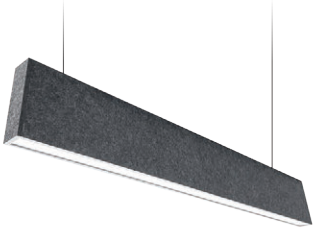
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LED 300 12V DC IP20
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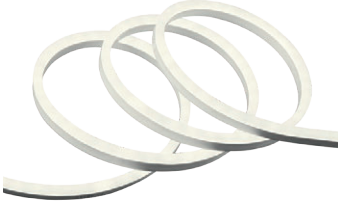
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SETDC 12V/24V DRIVERS IP66
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HANGING LAMP HOLDER
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# LED FURNITURE & DESIGN



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MALLORCA
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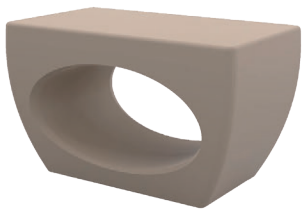
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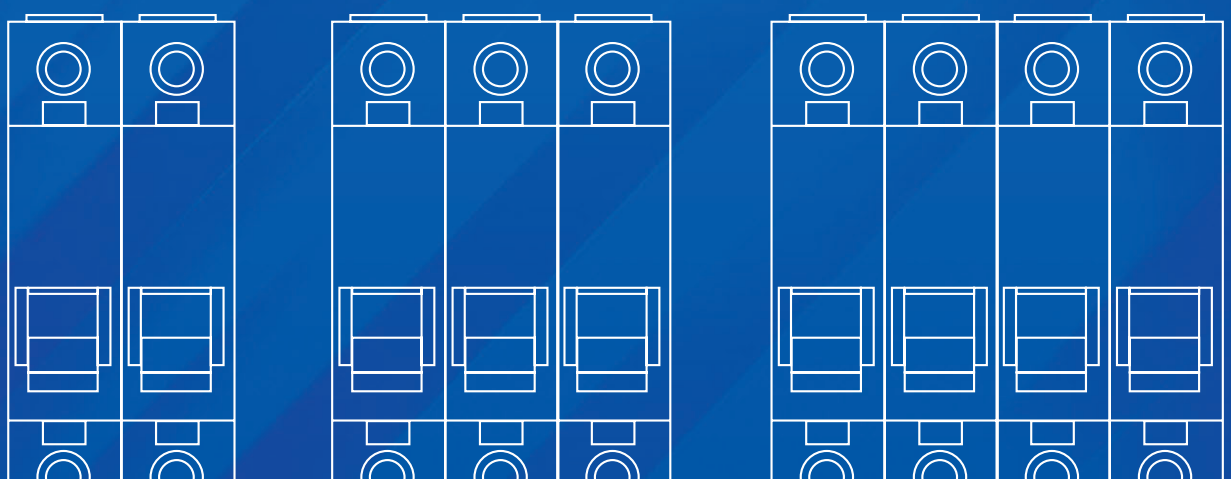
GENEVA
LED FURNITURE
PAGE 1088



LUGANO
LED FURNITURE
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MCCB
DS1-250
Ue=690VAC
50/60Hz
Uimp=8kV
Ui=2000V
Ue (V)
Icu(kA)
230 ~ 65
415 ~ 50
440 ~ 35
500 ~ 25
690 ~ 15
250 35
500
750
Ics=75%Icu
cat A
175...250A
IEC947-2
EN60947-2
In=250 A
+40°C
TEST
ELMARK INDUSTRIES SC
LT1
D25 10
ELMARK
1 L1
3 L2
5 L3
13 NO
2 T1
4 T2
6 T3
14 NO
ELMARK
C63N
C40

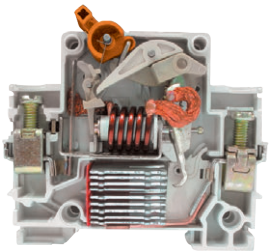
# ELECTRICAL

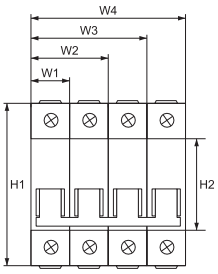


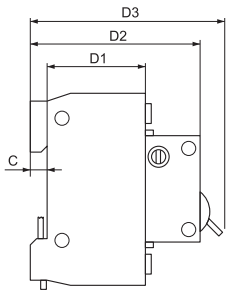
**C4XN**
- number of poles (1,2,3)
- breaking capacity in (kA)
- tripping curve C

**C X**
- rated current in (A)
- tripping curve C

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






Dimensions (mm)

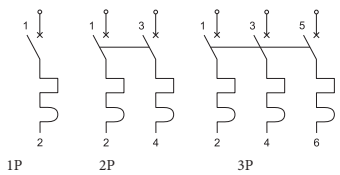
| C | D1 | D2 | D3 | H1 |
|---|---|---|---|---|
| 5 | 40 | 65 | 72 | 78 |
| H2 | W1 | W2 | W3 | W4 |
| 45 | 18 | 36 | 54 | 72 |

# MINIATURE CIRCUIT BREAKERS (MCB) C40N

7+0 standard +extended | 7 YEAR TOTAL WARRANTY | *for industrial usage, 3 years warranty

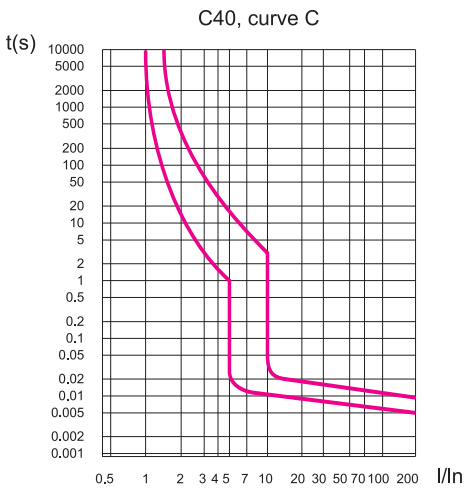
**FUNCTIONS:**
- protection of the electrical circuits from overload or short circuits of the outer circuit
- it can be used as a device for commutation and control of electrical circuits
- in combination with auxiliary devices it allows remote control, commutation or indication of the protected circuit
- for mounting in residential and industrial 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 4500 A

**TECHNICAL DATA:**
- Rated voltage: 230/400V; 50/60Hz
- Breaking capacity (cycle O-CO) in accordance with standard EN 60 898-1: 4500A
- Rated breaking capacity Ics= 75% Icu
- Isolating voltage:≥2000V
- Electrical wear resistance (number of cycles): 4000
- Mechanical (number of cycles): 20000
- Class of current limiting:3
- IP code: IP>20
- Tripping:
  - 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 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 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 mm
  - flexible conductors up to 16 mm
- 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






*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*




| Type | Number of poles | Rated current In (A) | Breaking capacity (kA) | Recommended conductor (mm²) | Packing/Box (pcs) | Product category | Catalogue number Curve C |
|---|---|---|---|---|---|---|---|
| C41N / 2A | 1P | 2 | 4.5 | 1.0 | 12 / 240 | B | **41460C** |
| C41N / 4A | 1P | 4 | 4.5 | 1.0 | 12 / 240 | B | **41461C** |
| C41N / 6A | 1P | 6 | 4.5 | 1.0 | 12 / 240 | B | **41451C** |
| C41N / 10A | 1P | 10 | 4.5 | 1.5 | 12 / 240 | B | **41452C** |
| C41N / 16A | 1P | 16 | 4.5 | 2.5 | 12 / 240 | B | **41453C** |
| C41N / 20A | 1P | 20 | 4.5 | 2.5 | 12 / 240 | B | **41454C** |
| C41N / 25A | 1P | 25 | 4.5 | 4.0 | 12 / 240 | B | **41455C** |
| C41N / 32A | 1P | 32 | 4.5 | 6.0 | 12 / 240 | B | **41456C** |
| C41N / 40A | 1P | 40 | 4.5 | 10.0 | 12 / 240 | B | **41457C** |
| C41N / 50A | 1P | 50 | 4.5 | 10.0 | 12 / 240 | B | **41458C** |
| C41N / 63A | 1P | 63 | 4.5 | 16.0 | 12 / 240 | B | **41459C** |




| Type | Number of poles | Rated current In (A) | Breaking capacity (kA) | Recommended conductor (mm²) | Packing/Box (pcs) | Product category | Catalogue number Curve C |
|---|---|---|---|---|---|---|---|
| C42N / 6A | 2P | 6 | 4.5 | 1.0 | 6 / 120 | B | **41470C** |
| C42N / 10A | 2P | 10 | 4.5 | 1.5 | 6 / 120 | B | **41471C** |
| C42N / 16A | 2P | 16 | 4.5 | 2.5 | 6 / 120 | B | **41472C** |
| C42N / 20A | 2P | 20 | 4.5 | 2.5 | 6 / 120 | B | **41473C** |
| C42N / 25A | 2P | 25 | 4.5 | 4.0 | 6 / 120 | B | **41474C** |
| C42N / 32A | 2P | 32 | 4.5 | 6.0 | 6 / 120 | B | **41475C** |
| C42N / 40A | 2P | 40 | 4.5 | 10.0 | 6 / 120 | B | **41476C** |
| C42N / 50A | 2P | 50 | 4.5 | 10.0 | 6 / 120 | B | **41477C** |
| C42N / 63A | 2P | 63 | 4.5 | 16.0 | 6 / 120 | B | **41478C** |




| Type | Number of poles | Rated current In (A) | Breaking capacity (kA) | Recommended conductor (mm²) | Packing/Box (pcs) | Product category | Catalogue number Curve C |
|---|---|---|---|---|---|---|---|
| C43N / 6A | 3P | 6 | 4.5 | 1.0 | 4 / 80 | B | **41541C** |
| C43N / 10A | 3P | 10 | 4.5 | 1.5 | 4 / 80 | B | **41542C** |
| C43N / 16A | 3P | 16 | 4.5 | 2.5 | 4 / 80 | B | **41543C** |
| C43N / 20A | 3P | 20 | 4.5 | 2.5 | 4 / 80 | B | **41544C** |
| C43N / 25A | 3P | 25 | 4.5 | 4.0 | 4 / 80 | B | **41545C** |
| C43N / 32A | 3P | 32 | 4.5 | 6.0 | 4 / 80 | B | **41546C** |
| C43N / 40A | 3P | 40 | 4.5 | 10.0 | 4 / 80 | B | **41547C** |
| C43N / 50A | 3P | 50 | 4.5 | 10.0 | 4 / 80 | B | **41548C** |
| C43N / 63A | 3P | 63 | 4.5 | 16.0 | 4 / 80 | B | **41549C** |



***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***




| Type | Number of poles | Rated current In (A) | Breaking capacity (kA) | Recommended conductor ($mm^2$) | Packing/Box (pcs) | Product category | Catalogue number Curve C |
|---|---|---|---|---|---|---|---|
| C41N/6A* | 1P | 6 | 4.5 | 1.0 | 12/240 | F | **71106** |
| C41N/10A* | 1P | 10 | 4.5 | 1.5 | 12/240 | F | **71110** |
| C41N/16A* | 1P | 16 | 4.5 | 2.5 | 12/240 | F | **71116** |
| C41N/20A* | 1P | 20 | 4.5 | 2.5 | 12/240 | F | **71120** |
| C41N/25A* | 1P | 25 | 4.5 | 4.0 | 12/240 | F | **71125** |
| C41N/32A* | 1P | 32 | 4.5 | 6.0 | 12/240 | F | **71132** |
| C41N/40A* | 1P | 40 | 4.5 | 10.0 | 12/240 | F | **71140** |
| C41N/50A* | 1P | 50 | 4.5 | 10.0 | 12/240 | F | **71150** |

UNTIL SUPPLY **LAST**

*3 year standard+0 year extended warranty



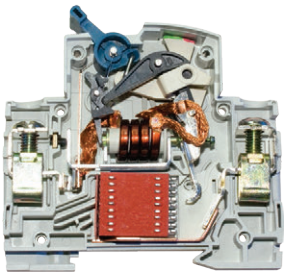

| Type | Number of poles | Rated current In (A) | Breaking capacity (kA) | Recommended conductor ($mm^2$) | Packing/Box (pcs) | Product category | Catalogue number Curve C |
|---|---|---|---|---|---|---|---|
| C43N/6A* | 3P | 6 | 4.5 | 1.0 | 1/4 | F | **71306** |
| C43N/10A* | 3P | 10 | 4.5 | 1.5 | 1/4 | F | **71310** |
| C43N/16A* | 3P | 16 | 4.5 | 2.5 | 1/4 | F | **71316** |
| C43N/20A* | 3P | 20 | 4.5 | 2.5 | 1/4 | F | **71320** |
| C43N/25A* | 3P | 25 | 4.5 | 4.0 | 1/4 | F | **71325** |
| C43N/32A* | 3P | 32 | 4.5 | 6.0 | 1/4 | F | **71332** |

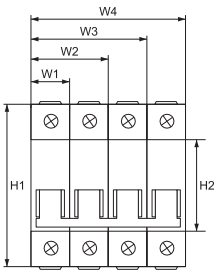
UNTIL SUPPLY **LAST**

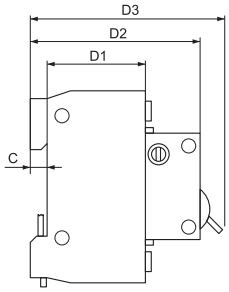
*3 year standard+0 year extended warranty

**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






Dimensions (mm)

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

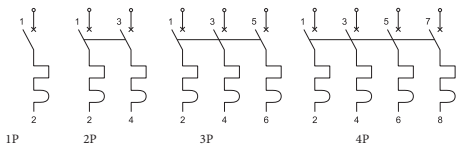
# MINIATURE CIRCUIT BREAKERS (MCB) C60N

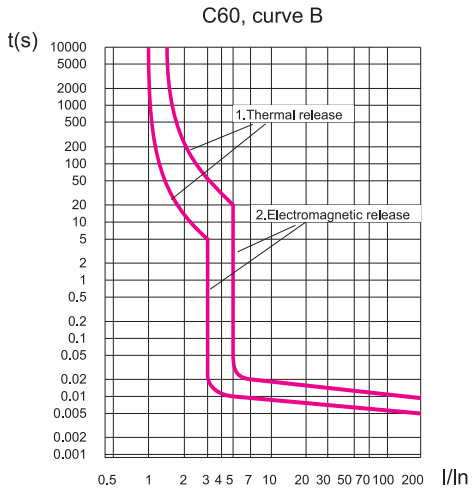
7+0 standard +extended | 7 YEAR TOTAL WARRANTY | *for industrial usage, 3 years warranty

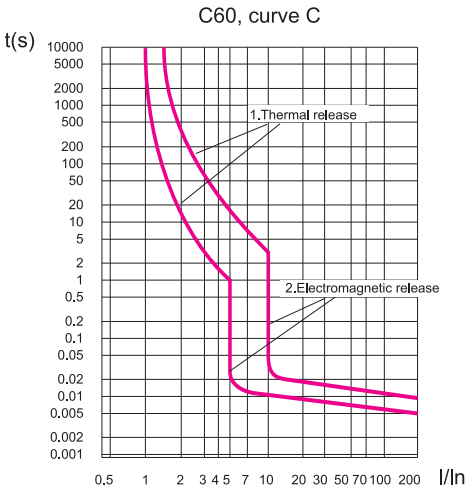
**FUNCTIONS:**
- protection of the electrical circuits from overload or short circuits of the outer circuit
- it can be used as a device for commutation and control of electrical circuits
- in combination with auxiliary devices it allows remote control, commutation or indication of the protected circuit
- 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 – not keeping the burning material nylon PA66, UV rays wear resistance
- 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:
  - 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 mm
  - flexible conductors up to 16 mm
- 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




*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*




| Type | Number of poles | Rated current In (A) | Breaking capacity (kA) | Recommended conductor ($mm^2$) | Packing/Box (pcs) | Product category | Catalogue number Curve C | Catalogue number Curve B |
|---|---|---|---|---|---|---|---|---|
| C61N / 1A | 1P | 1 | 6 | 1.0 | 12 / 240 | B | **41100N** | **41501N** |
| C61N / 2A | 1P | 2 | 6 | 1.0 | 12 / 240 | B | **41102N** | **41502N** |
| C61N / 4A | 1P | 4 | 6 | 1.0 | 12 / 240 | B | **41104N** | **41504N** |
| C61N / 6A | 1P | 6 | 6 | 1.0 | 12 / 240 | B | **41106N** | **41506N** |
| C61N / 10A | 1P | 10 | 6 | 1.5 | 12 / 240 | B | **41110N** | **41510N** |
| C61N / 16A | 1P | 16 | 6 | 2.5 | 12 / 240 | B | **41116N** | **41516N** |
| C61N / 20A | 1P | 20 | 6 | 2.5 | 12 / 240 | B | **41120N** | **41520N** |
| C61N / 25A | 1P | 25 | 6 | 4.0 | 12 / 240 | B | **41125N** | **41525N** |
| C61N / 32A | 1P | 32 | 6 | 6.0 | 12 / 240 | B | **41132N** | **41532N** |
| C61N / 40A | 1P | 40 | 6 | 10.0 | 12 / 240 | B | **41140N** | **41540N** |
| C61N / 50A | 1P | 50 | 6 | 10.0 | 12 / 240 | B | **41150N** | **41550N** |
| C61N / 63A | 1P | 63 | 6 | 16.0 | 12 / 240 | B | **41163N** | **41563N** |




| Type | Number of poles | Rated current In (A) | Breaking capacity (kA) | Recommended conductor ($mm^2$) | Packing/Box (pcs) | Product category | Catalogue number Curve C | Catalogue number Curve B |
|---|---|---|---|---|---|---|---|---|
| C62N / 2A | 2P | 2 | 6 | 1.0 | 6 / 120 | B | **41202N** | **41602N** |
| C62N / 4A | 2P | 4 | 6 | 1.0 | 6 / 120 | B | **41204N** | **41604N** |
| C62N / 6A | 2P | 6 | 6 | 1.0 | 6 / 120 | B | **41206N** | **41606N** |
| C62N / 10A | 2P | 10 | 6 | 1.5 | 6 / 120 | B | **41210N** | **41610N** |
| C62N / 16A | 2P | 16 | 6 | 2.5 | 6 / 120 | B | **41216N** | **41616N** |
| C62N / 20A | 2P | 20 | 6 | 2.5 | 6 / 120 | B | **41220N** | **41620N** |
| C62N / 25A | 2P | 25 | 6 | 4.0 | 6 / 120 | B | **41225N** | **41625N** |
| C62N / 32A | 2P | 32 | 6 | 6.0 | 6 / 120 | B | **41232N** | **41632N** |
| C62N / 40A | 2P | 40 | 6 | 10.0 | 6 / 120 | B | **41240N** | **41640N** |
| C62N / 50A | 2P | 50 | 6 | 10.0 | 6 / 120 | B | **41250N** | **41650N** |
| C62N / 63A | 2P | 63 | 6 | 16.0 | 6 / 120 | B | **41263N** | **41663N** |



***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***




| Type | Number of poles | Rated current In (A) | Breaking capacity (kA) | Recommended conductor ($mm^2$) | Packing/Box (pcs) | Product category | Catalogue number Curve C | Catalogue number Curve B |
|---|---|---|---|---|---|---|---|---|
| C63N/2A | 3P | 2 | 6 | 1.0 | 4 / 80 | B | **41302N** | **41702N** |
| C63N/4A | 3P | 4 | 6 | 1.0 | 4 / 80 | B | **41304N** | **41704N** |
| C63N / 6A | 3P | 6 | 6 | 1.0 | 4 / 80 | B | **41306N** | **41706N** |
| C63N / 10A | 3P | 10 | 6 | 1.5 | 4 / 80 | B | **41310N** | **41710N** |
| C63N / 16A | 3P | 16 | 6 | 2.5 | 4 / 80 | B | **41316N** | **41716N** |
| C63N / 20A | 3P | 20 | 6 | 2.5 | 4 / 80 | B | **41320N** | **41720N** |
| C63N / 25A | 3P | 25 | 6 | 4.0 | 4 / 80 | B | **41325N** | **41725N** |
| C63N / 32A | 3P | 32 | 6 | 6.0 | 4 / 80 | B | **41332N** | **41732N** |
| C63N / 40A | 3P | 40 | 6 | 10.0 | 4 / 80 | B | **41340N** | **41740N** |
| C63N / 50A | 3P | 50 | 6 | 10.0 | 4 / 80 | B | **41350N** | **41750N** |
| C63N / 63A | 3P | 63 | 6 | 16.0 | 4 / 80 | B | **41363N** | **41763N** |




| Type | Number of poles | Rated current In (A) | Breaking capacity (kA) | Recommended conductor ($mm^2$) | Packing/Box (pcs) | Product category | Catalogue number Curve C | Catalogue number Curve B |
|---|---|---|---|---|---|---|---|---|
| C64N / 2A | 4P | 2 | 6 | 1.0 | 3 / 60 | B | **41402N** | **41802N** |
| C64N / 4A | 4P | 4 | 6 | 1.0 | 3 / 60 | B | **41404N** | **41804N** |
| C64N / 6A | 4P | 6 | 6 | 1.0 | 3 / 60 | B | **41406N** | **41806N** |
| C64N / 10A | 4P | 10 | 6 | 1.5 | 3 / 60 | B | **41410N** | **41810N** |
| C64N / 16A | 4P | 16 | 6 | 2.5 | 3 / 60 | B | **41416N** | **41816N** |
| C64N / 20A | 4P | 20 | 6 | 2.5 | 3 / 60 | B | **41420N** | **41820N** |
| C64N / 25A | 4P | 25 | 6 | 4.0 | 3 / 60 | B | **41425N** | **41825N** |
| C64N / 32A | 4P | 32 | 6 | 6.0 | 3 / 60 | B | **41432N** | **41832N** |
| C64N / 40A | 4P | 40 | 6 | 10.0 | 3 / 60 | B | **41440N** | **41840N** |
| C64N / 50A | 4P | 50 | 6 | 10.0 | 3 / 60 | B | **41450N** | **41850N** |
| C64N / 63A | 4P | 63 | 6 | 16.0 | 3 / 60 | B | **41463N** | **41863N** |




UNTIL SUPPLY **LAST**

| Type | Number of poles | Rated current In (A) | Breaking capacity (kA) | Recommended conductor ($mm^2$) | Packing/Box (pcs) | Product category | Catalogue number Curve C |
|---|---|---|---|---|---|---|---|
| C61N / 1A* | 1P | 1 | 6 | 1.0 | 12 / 240 | F | **41100** |
| C61N / 4A* | 1P | 4 | 6 | 1.0 | 12 / 240 | F | **41104** |

*3 year standard+0 year extended warranty



***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***




UNTIL SUPPLY **LAST**

| Type | Number of poles | Rated current In (A) | Breaking capacity (kA) | Recommended conductor ($mm^2$) | Packing/Box (pcs) | Product category | Catalogue number Curve C |
|---|---|---|---|---|---|---|---|
| C62N / 2A* | 2P | 2 | 6 | 1.0 | 6 / 120 | F | **41202** |
| C62N / 6A* | 2P | 6 | 6 | 1.0 | 6 / 120 | F | **41206** |
| C62N / 10A* | 2P | 10 | 6 | 1.5 | 6 / 120 | F | **41210** |
| C62N / 20A* | 2P | 20 | 6 | 2.5 | 6 / 120 | F | **41220** |
| C62N / 25A* | 2P | 25 | 6 | 4.0 | 6 / 120 | F | **41225** |
| C62N / 32A* | 2P | 32 | 6 | 6.0 | 6 / 120 | F | **41232** |
| C62N / 40A* | 2P | 40 | 6 | 10.0 | 6 / 120 | F | **41240** |

*3 year standard+0 year extended warranty




UNTIL SUPPLY **LAST**

| Type | Number of poles | Rated current In (A) | Breaking capacity (kA) | Recommended conductor ($mm^2$) | Packing/Box (pcs) | Product category | Catalogue number Curve C |
|---|---|---|---|---|---|---|---|
| C63N/2A* | 3P | 2 | 6 | 1.0 | 4 / 80 | F | **41302** |
| C63N/4A* | 3P | 4 | 6 | 1.0 | 4 / 80 | F | **41304** |
| C63N / 6A* | 3P | 6 | 6 | 1.0 | 4 / 80 | F | **41306** |
| C63N / 10A* | 3P | 10 | 6 | 1.5 | 4 / 80 | F | **41310** |
| C63N / 20A* | 3P | 20 | 6 | 2.5 | 4 / 80 | F | **41320** |
| C63N / 40A* | 3P | 40 | 6 | 10.0 | 4 / 80 | F | **41340** |
| C63N / 50A* | 3P | 50 | 6 | 10.0 | 4 / 80 | F | **41350** |

*3 year standard+0 year extended warranty




UNTIL SUPPLY **LAST**

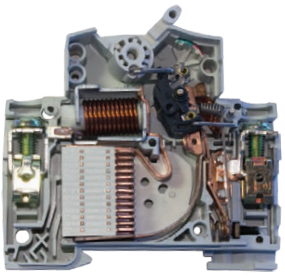
| Type | Number of poles | Rated current In (A) | Breaking capacity (kA) | Recommended conductor ($mm^2$) | Packing/Box (pcs) | Product category | Catalogue number Curve C |
|---|---|---|---|---|---|---|---|
| C64N / 10A* | 4P | 10 | 6 | 1.5 | 3 / 60 | F | **41410** |
| C64N / 16A* | 4P | 16 | 6 | 2.5 | 3 / 60 | F | **41416** |
| C64N / 20A* | 4P | 20 | 6 | 2.5 | 3 / 60 | F | **41420** |
| C64N / 25A* | 4P | 25 | 6 | 4.0 | 3 / 60 | F | **41425** |

*3 year standard+0 year extended warranty

**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



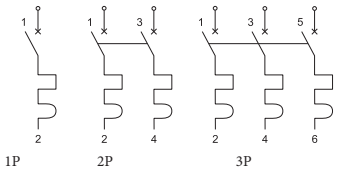
# MINIATURE CIRCUIT BREAKERS (MCB) C100L

7+0 standard +extended | 7 YEAR TOTAL WARRANTY | *for industrial usage, 3 years warranty

**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, 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






| Type | Number of poles | Rated current In (A) | Breaking capacity (kA) | Recommended conductor (mm²) | Packing/Box (pcs) | Product category | Catalogue number Curve C | Catalogue number Curve B |
|---|---|---|---|---|---|---|---|---|
| C101L/6A | 1P | 6 | 10 | 1.0 | 12 / 240 | B | **41101** | **41101B** |
| C101L/10A | 1P | 10 | 10 | 1.5 | 12 / 240 | B | **41103** | **41103B** |
| C101L/16A | 1P | 16 | 10 | 2.5 | 12 / 240 | B | **41105** | **41105B** |
| C101L/20A | 1P | 20 | 10 | 2.5 | 12 / 240 | B | **41107** | **41107B** |
| C101L/25A | 1P | 25 | 10 | 4.0 | 12 / 240 | B | **41108** | **41108B** |
| C101L/32A | 1P | 32 | 10 | 6.0 | 12 / 240 | B | **41109** | **41109B** |
| C101L/40A | 1P | 40 | 10 | 10.0 | 12 / 240 | B | **41111** | **41111B** |
| C101L/50A | 1P | 50 | 10 | 10.0 | 12 / 240 | B | **41112** | **41112B** |
| C101L/63A | 1P | 63 | 10 | 16.0 | 12 / 240 | B | **41113** | **41113B** |



| Type | Number of poles | Rated current In (A) | Breaking capacity (kA) | Recommended conductor (mm²) | Packing/Box (pcs) | Product category | Catalogue number Curve C | Catalogue number Curve B |
|---|---|---|---|---|---|---|---|---|
| C102L/6A | 2P | 6 | 10 | 1.0 | 6/120 | B | **41201** | **41201B** |
| C102L/10A | 2P | 10 | 10 | 1.5 | 6/120 | B | **41203** | **41203B** |
| C102L/16A | 2P | 16 | 10 | 2.5 | 6/120 | B | **41205** | **41205B** |
| C102L/20A | 2P | 20 | 10 | 2.5 | 6/120 | B | **41207** | **41207B** |
| C102L/25A | 2P | 25 | 10 | 4.0 | 6/120 | B | **41208** | **41208B** |
| C102L/32A | 2P | 32 | 10 | 6.0 | 6/120 | B | **41209** | **41209B** |
| C102L/40A | 2P | 40 | 10 | 10.0 | 6/120 | B | **41211** | **41211B** |
| C102L/50A | 2P | 50 | 10 | 10.0 | 6/120 | B | **41212** | **41212B** |
| C102L/63A | 2P | 63 | 10 | 16.0 | 6/120 | B | **41213** | **41213B** |



***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



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



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

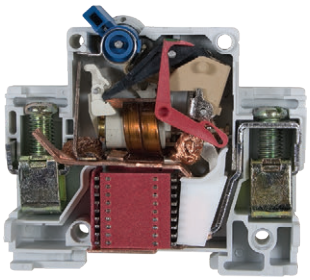


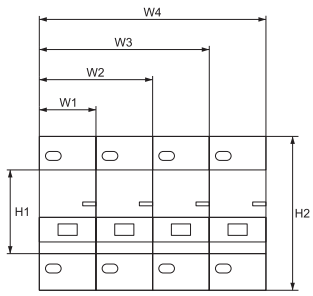
***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

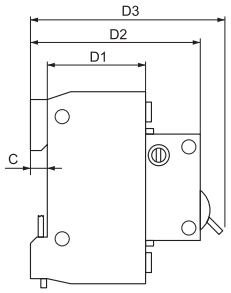
**C100M** constructive series
number of poles (1;2;3;4)

**D X** rated current
tripping curve C, D, B

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






Dimensions (mm)

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

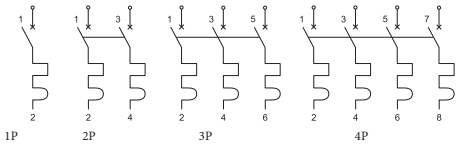
# MINIATURE CIRCUIT BREAKERS (MCB) C100M

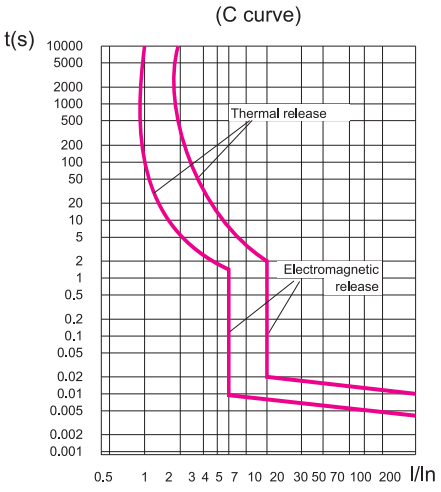
7+0 standard +extended | 7 YEAR TOTAL WARRANTY | *for industrial usage, 3 years warranty

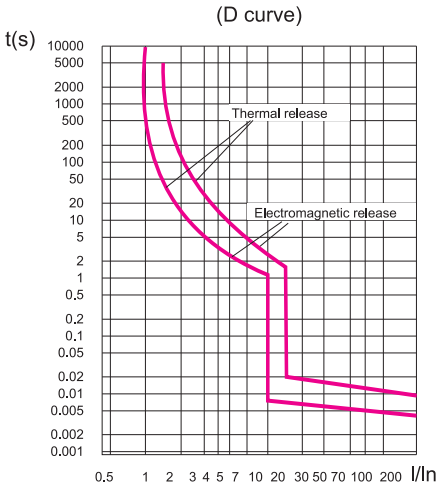
**FUNCTIONS:**
- protection of the electrical circuits from overload or short circuits of the outer circuit
- it can be used as a device for commutation and control of electrical circuits
- in combination with auxiliary devices it allows remote control, commutation or indication of the protected circuit

**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/
  - 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/mm$^2$
  - 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
  - flexible conductors up to 35
- 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






*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



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



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



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

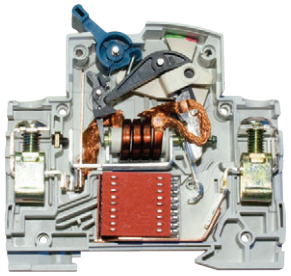


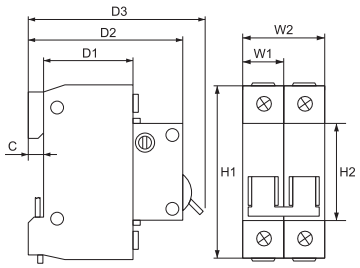
| Type | Number of poles | Rated current In (A) | Breaking capacity (kA) | Packing/Box (pcs) | Product category | Catalogue number Curve B | Catalogue number Curve C | Catalogue number Curve D |
|---|---|---|---|---|---|---|---|---|
| C100M | 4P | 80 | 10 | 3 / 60 | B | **41482** | **41480** | **41481**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

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**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






Dimensions (mm)

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

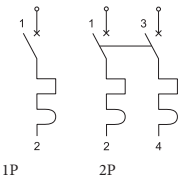
# MINIATURE CIRCUIT BREAKERS (MCB) C60DC

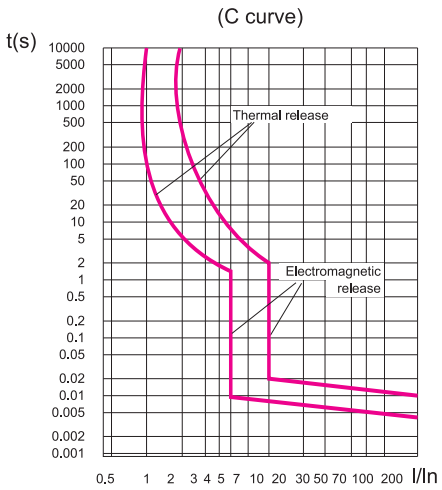
7+0 standard +extended | 7 YEAR TOTAL WARRANTY | *for industrial usage, 3 years warranty

**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 – 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 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 mm
  - flexible conductors up to 16 mm
- 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




*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*




| Type | Number of poles | Rated current In (A) | Breaking capacity (kA) | Recommended conductor (mm²) | Packing/Box (pcs) | Product category | Catalogue number Curve C |
|---|---|---|---|---|---|---|---|
| 61DC / 1A | 1P | 1 | 6 | 1.0 | 12 / 240 | B | **41164** |
| 61DC / 2A | 1P | 2 | 6 | 1.0 | 12 / 240 | B | **41165** |
| 61DC / 4A | 1P | 4 | 6 | 1.0 | 12 / 240 | B | **41166** |
| 61DC / 6A | 1P | 6 | 6 | 1.0 | 12 / 240 | B | **41167** |
| 61DC / 10A | 1P | 10 | 6 | 1.5 | 12 / 240 | B | **41168** |
| 61DC / 16A | 1P | 16 | 6 | 2.5 | 12 / 240 | B | **41169** |
| 61DC / 20A | 1P | 20 | 6 | 2.5 | 12 / 240 | B | **41170** |
| 61DC / 25A | 1P | 25 | 6 | 4.0 | 12 / 240 | B | **41171** |
| 61DC / 32A | 1P | 32 | 6 | 6.0 | 12 / 240 | B | **41172** |
| 61DC / 40A | 1P | 40 | 6 | 10.0 | 12 / 240 | B | **41173** |
| 61DC / 50A | 1P | 50 | 6 | 10.0 | 12 / 240 | B | **41174** |
| 61DC / 63A | 1P | 63 | 6 | 16.0 | 12 / 240 | B | **41175** |




| Type | Number of poles | Rated current In (A) | Breaking capacity (kA) | Recommended conductor (mm²) | Packing/Box (pcs) | Product category | Catalogue number Curve C |
|---|---|---|---|---|---|---|---|
| 62DC / 2A | 2P | 2 | 6 | 1.0 | 6 / 120 | B | **41176** |
| 62DC / 4A | 2P | 4 | 6 | 1.0 | 6 / 120 | B | **41177** |
| 62DC / 6A | 2P | 6 | 6 | 1.0 | 6 / 120 | B | **41178** |
| 62DC / 10A | 2P | 10 | 6 | 1.5 | 6 / 120 | B | **41179** |
| 62DC / 16A | 2P | 16 | 6 | 2.5 | 6 / 120 | B | **41181** |
| 62DC / 20A | 2P | 20 | 6 | 2.5 | 6 / 120 | B | **41182** |
| 62DC / 25A | 2P | 25 | 6 | 4.0 | 6 / 120 | B | **41183** |




## MINIATURE CIRCUIT BREAKERS DP1N (1P + E)

7+0 standard +extended **7 YEAR TOTAL WARRANTY** *for industrial usage, 3 years warranty

**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
- 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

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

| Type | Rated current In (A) | Breaking capacity (kA) | Recommended conductor (mm²) | Packing/Box (pcs) | Product category | Catalogue number Curve C |
|---|---|---|---|---|---|---|
| DP1N / 6 | 6 | 4.5 | 1.0 | 12 / 240 | B | **41006** |
| DP1N / 10 | 10 | 4.5 | 1.5 | 12 / 240 | B | **41010** |
| DP1N / 16 | 16 | 4.5 | 2.5 | 12 / 240 | B | **41016** |
| DP1N / 20 | 20 | 4.5 | 2.5 | 12 / 240 | B | **41020** |
| DP1N / 25 | 25 | 4.5 | 4.0 | 12 / 240 | B | **41025** |
| DP1N / 32 | 32 | 4.5 | 6.0 | 12 / 240 | B | **41032** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

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

## SINGLE POLE MONITORING VOLTAGE RELAY MN1

7+0 standard +extended | 7 YEAR TOTAL WARRANTY | *for industrial usage, 3 years warranty



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

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

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

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

## THREE POLE MONITORING VOLTAGE RELAY MN3

7+0 standard +extended | 7 YEAR TOTAL WARRANTY | *for industrial usage, 3 years warranty



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

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

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



*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

## COMBINED VOLTAGE CIRCUIT-BREAKER MN2

7+0 standard +extended | 7 YEAR TOTAL WARRANTY | *for industrial usage, 3 years warranty

**Type designation:**
MN - constructive series
number of poles - 1
**Documents corresponding to the product:**
Standard EN60898-1




**FUNCTIONS:**
- when the voltage is reduced below 170V operation is initiated and the automatic switch is turned off
- when the voltage is increased above 280V operation is initiated and the automatic switch is turned off
- allows manual turning on of the switch after powering is restored
- indication of the position of the device

**TECHNICAL CHARACTERISTICS:**
- Rated voltage: 230V; 50/60Hz
- Insulation voltage: ≥2000V
- IP code: IP>20

**CONNECTION METHOD:**
- Double connector: flat (tunnel) screw connector
- Feeding (conducting):
  - flexible conductors up to 1.5mm$^2$
- Tightening moment of the screw: 1.33Nm

**MOUNTING:**
- vertical, by means of two pins attached to the rivets of the circuit-breaker, while the operating mechanism is connected to the switching off mechanism of the circuit breaker after the sealing lid is demounted

| Type | Rated voltage | Type breaker | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| ELMARK MN 2 60 | 230V | C60 | 12 / 240 | B | **41909** |

## SHUNT RELEASE MX (INDEPENDENT RELEASE)

7+0 standard +extended | 7 YEAR TOTAL WARRANTY | *for industrial usage, 3 years warranty

**Type designation:**
MX - constructive series
number of poles - 1
**Documents corresponding to the product:**
Standard EN60898-1




**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
- Power supply (conducting):
  - flexible conductors 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

| Type | Rated voltage | Type breaker | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| ELMARK MX 60 | 230V | C60 | 12 / 240 | B | **41902** |

## AUXILIARY CONTACT OF

7+0 standard +extended | 7 YEAR TOTAL WARRANTY | *for industrial usage, 3 years warranty

**Type designation:**
OF - constructive series
number of poles - 1
**Documents corresponding to the product:**
Standard EN60898-1



**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

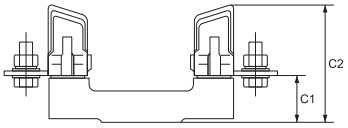
**CONNECTING:**
- Joining terminal: flat (tunnel) screw terminal
- Power supply (conducting): - flexible conductors up to 1.5mm

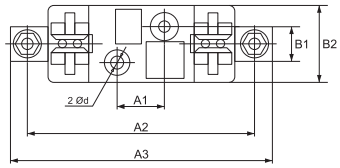
**MOUNTING:**
- vertical, clamps with two pins to breaker's rivets, and the executive mechanism is joined up to the switching mechanism of the breaker after dismounting the seal cover

| Type | Rated voltage | Type breaker | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| ELMARK OF 60 | 230V | C60 | 17 / 170 | B | **41901** |
| ELMARK SD100 | 230V | C60 | 12 / 240 | B | **41905** |

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

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




# BASES FOR HIGH POWER SAFETY DEVICES

3+2 standard +extended 5 YEAR TOTAL WARRANTY

The series bases for high power safety device is manufactured of permitivity 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

UNTIL SUPPLY LAST * Until Supply Last

| Base type | Overall dimensions (mm) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 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 |



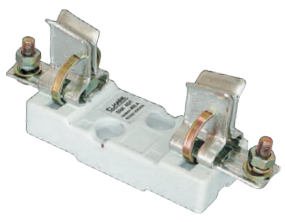
| Base type | Fuse link type | Rated current (A) | Rated voltage Un (V) | Weight (gr) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| SIST00 | NT 00 | up to 160 | 600 | 193 | 5 / 120 | B | **12001** |



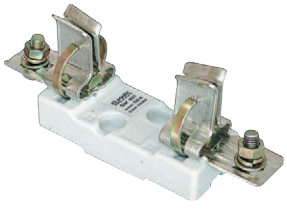
| Base type | Fuse link type | Rated current (A) | Rated voltage Un (V) | Weight (gr) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| SIST0 | NT 0 | up to 160 | 600 | 295 | 3 / 54 | B | **12010** |
| SISP0* | NT 0 | up to 160 | 600 | 319 | 3 / 54 | F | **12010P** |



| Base type | Fuse link type | Rated current (A) | Rated voltage Un (V) | Weight (gr) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| SIST1 | NT 1 | up to 250 | 600 | 550 | 3 / 36 | B | **12100** |
| SISP1* | NT 1 | up to 250 | 600 | 550 | 3 / 36 | F | **12100P** |



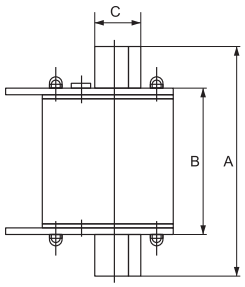
| Base type | Fuse link type | Rated current (A) | Rated voltage Un (V) | Weight (gr) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| SIST2 | NT 2 | up to 400 | 600 | 770 | 1 / 20 | B | **12200** |

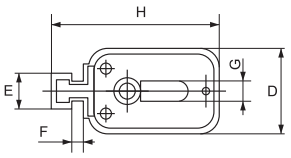


| Base type | Fuse link type | Rated current (A) | Rated voltage Un (V) | Weight (gr) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| SIST3 | NT 3 | up to 630 | 600 | 965 | 1 / 20 | B | **12300** |

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

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




# FUSE LINKS FOR HIGH POWER SAFETY DEVICE

3+2 standard +extended 5 YEAR TOTAL WARRANTY

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

**TWO OPERATING CLASSES OF NH FUSES ARE AVAILABLE:**
- Operating class gL/gG – general purpose, line protection, slow acting

**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

| Base type | Overall dimensions (mm) | | | | |
|---|---|---|---|---|---|
| | 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 |




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




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

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***




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




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




| Type | In (A) | Un (V) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| NT3 | 500 | 500,600 | 1 / 24 | B | **10350** |
| NT3 | 630 | 500,600 | 1 / 24 | B | **10363** |




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




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

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



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

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

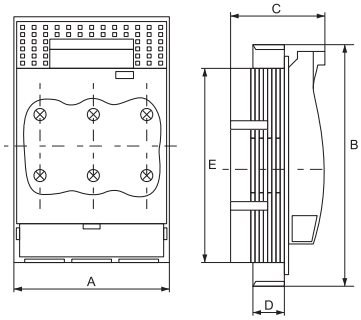
## ISOLATING SWITCHES

3+2 standard +extended 5 YEAR TOTAL WARRANTY



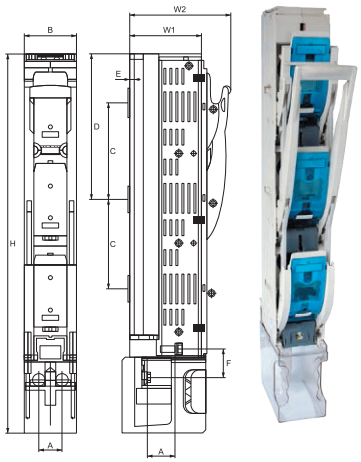
Designed in two types – horizontal and vertical. They represent a combination of low voltage isolating switch and high power safety devices mounted in a common plastic corpus. They are used for low voltage distribution boards and complete transformer substations (CTS) where visible circuit distribution 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




| Base type | Overall dimensions (mm) | | | | |
|---|---|---|---|---|---|
| | 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 |

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




Overall dimensions (mm)

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

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

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

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









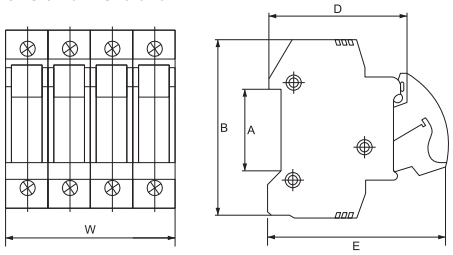
## SWITCH DISCONNECTORS RT18

3+2 standard +extended 5 YEAR TOTAL WARRANTY

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
- Insulation voltage: >2500V
- Rated current on short-circuit: 100 кA
- Direct mounting to the load
- Two insulated points to the load
- IP code: IP 44
- Cross-section of the supply conductors: up to 35mm$^2$
- Environmental temperature: -5° to +65°C
- Utization category: AC - 20B; DC - 20B
- Altitude: up to 2000m

Overall dimensions




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



***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

## FUSE FOR SWITCH DISCONNECTORS RT18



RT18 Type

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

## FUSE FOR SWITCH DISCONNECTORS EL-D02



EL-D02 Type

UNTIL SUPPLY LAST

| Type of the fuse class gG | Voltage ( V ) | Rated current ( A ) | Size of the fuse A x ØB x C | Product category | Catalogue number |
|---|---|---|---|---|---|
| RO 26/32 2A | 500 | 2 | Ø11x 36mm | F | 10R0232 |
| RO 26/32 4A | 500 | 4 | Ø11x 36mm | F | 10R0234 |
| RO 26/32 6A | 500 | 6 | Ø11x 36mm | F | 10R0236 |
| RO 26/32 10A | 500 | 10 | Ø11x 36mm | F | 10R0240 |
| RO 26/32 16A | 500 | 16 | Ø11x 36mm | F | 10R0246 |
| RO 26/32 20A | 500 | 20 | Ø15x 36mm | F | 10R0248 |
| RO 26/63 40A | 500 | 40 | Ø15x 36mm | F | 10R0640 |
| RO 26/63 50A | 500 | 50 | Ø15x 36mm | F | 10R0650 |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

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

# SWITCH DISCONNECTORS ISS FROM 20A TO 125A SERIES

5+2 standard +extended | 7 YEAR TOTAL WARRANTY | *for industrial usage, 3 years warranty

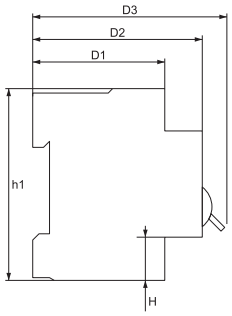


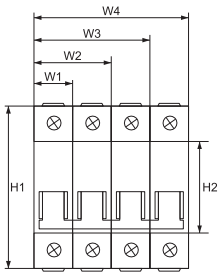
**FUNCTIONS:**
- switching on/off heavy loaded electrical circuits
- breaking of electrical circuits
- can be used as a main breaker
- it has no protective function
-

**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 |
|---|---|---|---|---|
| 81 | 45 | 50 | 65 | 76 |
| W1 | W2 | W3 | W3 | |
| 17,5 | 35 | 52,5 | 70 | |



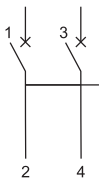







| Type | Number of poles | Rated current In (A) | Recommended conductor ($mm^2$) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| ISS | 1P | 40 | 10 | 12 / 240 | B | **41914** |
| ISS | 1P | 63 | 16 | 12 / 240 | B | **41911** |
| ISS | 1P | 80 | 25 | 12 / 240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

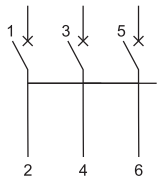





| Type | Number of poles | Rated current In (A) | Recommended conductor ($mm^2$) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| ISS | 2P | 40 | 10 | 6 / 120 | B | **41924** |
| ISS | 2P | 63 | 16 | 6 / 120 | B | **41921** |
| ISS | 2P | 80 | 25 | 6 / 120 |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

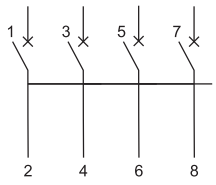
*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*






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






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

## PADLOCK ADAPTOR FOR MCB



An adaptor makes it possible to block the operating lever whether switched ON or OF

| Type | Product category | Catalogue number |
|---|---|---|
| Padlock adaptor for MCB | B | **41904** |

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

**DOCUMENTS CORRESPONDING TO THE PRODUCT:**
Standard EN 60947-1
EN 60947-3 and IEC 60947-6

# SWITCH DISCONNECTORS ISS2 FROM 125A TO 800A

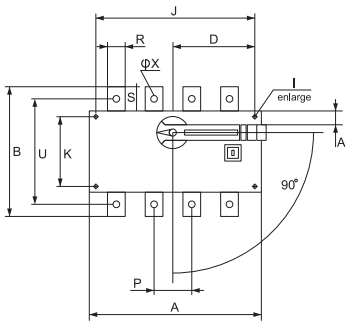
5+2 standard +extended 7 YEAR TOTAL WARRANTY *for industrial usage, 3 years warranty

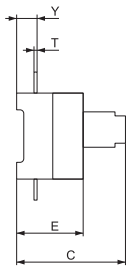


The series three- and four-pole load switch disconnectors ISS2 xxx are produced for mounting in main electrical boards for disconnection of the circuits, switching on of generators because of the fact they are not affected by the frequency variations. High mechanical strength and resistance to circulation.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

**FUNCTIONS:**
- switching on and off of 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 FEATURES:**
- 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 raysPlastic resistant to UV rays
- Ambient temperature: -20°÷65°C




| Type | Dimensions (mm) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| ISS2-800/4 | 498 | 312 | 240 | 50 | 140 | 473 | 473 | 175 | 60 | 56 | 8 | 48 |

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

**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

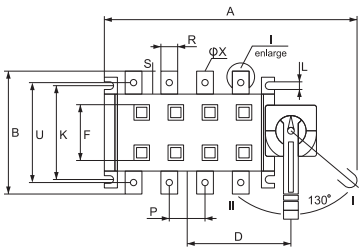
*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

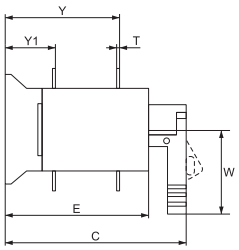
**DOCUMENTS CORRESPONDING TO THE PRODUCT:**
Standard EN 60947-1
EN 60947-3 and IEC 60947-6

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

5+2 standard +extended **7 YEAR TOTAL WARRANTY** *for industrial usage, 3 years warranty






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 CHARACTERISTICS:**
- 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°÷65°C
- Small size
- Indication which of the two supplies is operating

| Type | Dimensions (mm) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |

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

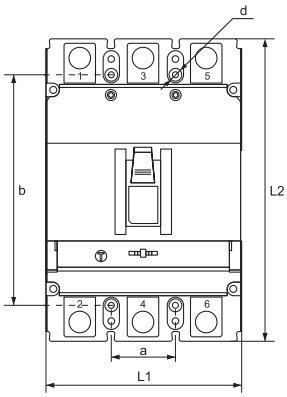
*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

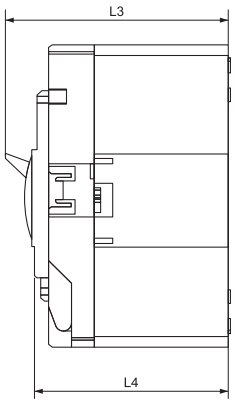
**Documents corresponding to the product:**
Standard EN 60947-1
EN 60947-2

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

7+0 standard +extended **7 YEAR TOTAL WARRANTY** *for industrial usage, 3 years warranty




**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:**
- Rated operating voltage: 415/690V; 50/60Hz
- 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
  - acontact head: silver graphite CAg(5)
  - athickness: 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.

| Type | Overall dimensions (mm) | | | | | | |
|---|---|---|---|---|---|---|---|
| | L1 | L2 | L3 | L4 | a | b | d |
| DS1 MAX 125/63 3P M | 92 | 150 | 110 | 92 | 30 | 129 | 4.5 |
| DS1 MAX 125/80 3PM | 92 | 150 | 110 | 92 | 30 | 129 | 4.5 |
| DS1 MAX 125/100 3P M | 92 | 150 | 110 | 92 | 30 | 129 | 4.5 |
| DS1 MAX 125/125 3P M | 92 | 150 | 110 | 92 | 30 | 129 | 4.5 |
| DS1 MAX 250/160 3P M | 92 | 165 | 110 | 90 | 35 | 126 | 4.5 |
| DS1 MAX 250/200 3P M | 107 | 165 | 110 | 90 | 35 | 126 | 4.5 |
| DS1 MAX 250/250 3P H | 107 | 165 | 110 | 90 | 35 | 126 | 4.5 |
| DS1 MAX 400/400 3P H | 150 | 257 | 146 | 106 | 44 | 194 | 7 |
| DS1 MAX 630/630 3P H | 182 | 270 | 155 | 116 | 116 | 200 | 7 |
| DS1 MAX 800/800 3P H | 210 | 28 | 155 | 116 | 70 | 243 | 7 |
| DS1 MAX 125/63 4P M | 122 | 150 | 110 | 92 | 60 | 129 | 4.5 |
| DS1 MAX 125/80 4PM | 122 | 150 | 110 | 92 | 60 | 129 | 4.5 |
| DS1 MAX 125/100 4P M | 122 | 150 | 110 | 92 | 60 | 129 | 4.5 |
| DS1 MAX 125/125 4P M | 122 | 150 | 110 | 92 | 60 | 129 | 4.5 |
| DS1 MAX 250/160 4P M | 142 | 165 | 110 | 90 | 70 | 126 | 4.5 |
| DS1 MAX 250/200 4P M | 142 | 165 | 110 | 90 | 70 | 126 | 4.5 |
| DS1 MAX 250/250 4P H | 142 | 165 | 110 | 90 | 70 | 126 | 4.5 |
| DS1 MAX 400/400 4P H | 198 | 257 | 146 | 106 | 44 | 194 | 7 |
| DS1 MAX 630/630 4P H | 240 | 270 | 155 | 116 | 116 | 200 | 7 |
| DS1 MAX 800/800 4P H | 280 | 280 | 155 | 116 | 70 | 243 | 7 |

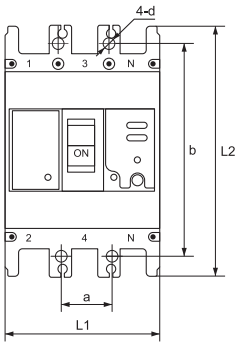
| Type | Rated current In (A) | Operating breaking capacity (kA) Ics | Maximum breaking capacity (kA) Icu | | Thermal current adjusment (A) | Packing/ box | Product category | Catalogue number three-poles | Catalogue number four-poles |
|---|---|---|---|---|---|---|---|---|---|
| | | | 415V | 690V | | | | | |
| DS1 MAX - 125 | 63 | 36 | 50 | 20 | 50,4-63 | 1/16 | B | **44163MM** | **444163MM** |
| DS1 MAX - 125 | 80 | 36 | 50 | 20 | 64-80 | 1/16 | B | **44164MM** | **444164MM** |
| DS1 MAX - 125 | 100 | 36 | 50 | 20 | 80-100 | 1/16 | B | **44165MM** | **444165MM** |
| DS1 MAX - 125 | 125 | 36 | 50 | 20 | 100-125 | 1/16 | B | **44166MM** | **444166MM** |
| DS1 MAX - 250 | 160 | 36 | 50 | 20 | 128-160 | 1/6 | B | **44160MM** | **444160MM** |
| DS1 MAX - 250 | 200 | 36 | 50 | 20 | 160-200 | 1/6 | B | **44200MM** | **444200MM** |
| DS1 MAX - 250 | 250 | 42 | 65 | 25 | 200-250 | 1/6 | B | **44250MH** | **444250MH** |
| DS1 MAX - 400 | 400 | 50 | 85 | 30 | 320-400 | 1/3 | B | **44401MH** | **444401MH** |
| DS1 MAX - 630 | 630 | 50 | 85 | 30 | 504-630 | 1/2 | B | **44630MH** | **444630MH** |
| DS1 MAX - 800 | 800 | 65 | 100 | 50 | 640-800 | 1/2 | B | **44800MH** | **444800MH** |

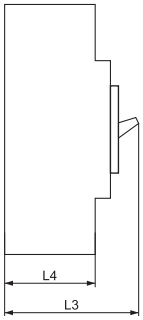
**Documents corresponding to the product:**
Standard EN 60947-1
EN 60947-2

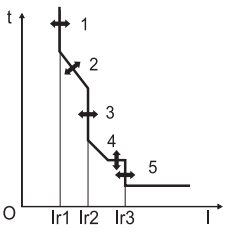
# HIGH BREAKING CAPACITY LEVEL MOULDED CASE CIRCUIT BREAKERS (MCCB) DS1 MAX TO 800A-ELECTRONIC TYPE

7+0 standard +extended | 7 YEAR TOTAL WARRANTY | *for industrial usage, 3 years warranty




## 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

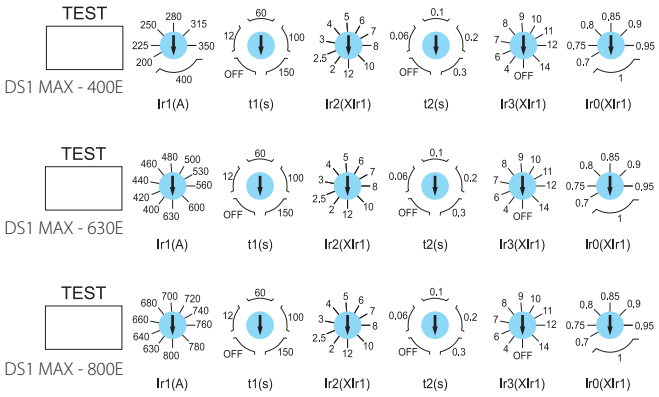
## TECHNICAL DATA:

- 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

| Type | Rated current In (A) | Operating breaking capacity (kA) Ics | Maximum breaking capacity (kA) Icu | | Thermal current adjusment (A) | Packing/ box | Product category | Catalogue number three-poles | Catalogue number four-poles |
|---|---|---|---|---|---|---|---|---|---|
| | | | 415V | 690V | | | | | |
| DS1 MAX - 400E | 400 | 50 | 85 | 30 | 200-400 | 1/3 | B | **44940MH** | **444940MH** |
| DS1 MAX - 630E | 630 | 50 | 85 | 30 | 400-630 | 1/2 | B | **44963MH** | **444963MH** |
| DS1 MAX - 800E | 800 | 65 | 100 | 50 | 630-800 | 1/2 | B | **44980MH** | **444980MH** |

## Tripping characteristic:

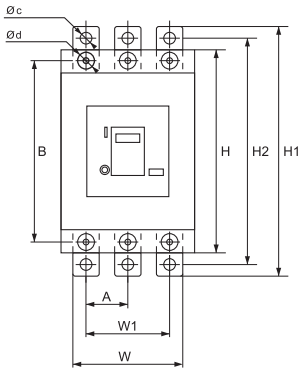
Ir1(A) Over-load long time delay tripping current
Ir1 adjustment, according to the different rated current of MCCB.
t1(s) Long time delay tripping time t1 adjustment.
Ir2(XIr1) Short circuit short time delay tripping time Ir2 adjustment.
t2(s) Short time delay tripping time t2 adjustment.
Ir3(XIr1) Short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

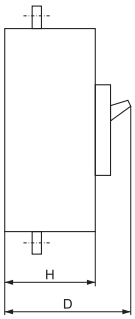



*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

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






# MOULDED CASE CIRCUIT BREAKERS (MCCB) DS1 SERIES FROM 40A TO 1250A

3+0 standard +extended 3 YEAR TOTAL WARRANTY

**FUNCTIONS:**
- 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:**
- Rated operating voltage: 415/690V; 50/60Hz
- Isolating voltage: 2000V
- Surge voltage wear resistance: ≥8000V
- Joining terminal: flat (tunnel) screw terminal for the breakers up to 160A and a bolt connection for the breakers from 250A to 1600A
- 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

| Type | Overall dimensions (mm) | | | | Installation dimensions (mm) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | W | H | D | H1 | D1 | A | B | W1 | H2 | Ø d | Ø e |
| DS1-125/3P | 76.2 | 120 | 70 | | 90 | 25 | 100 | 50 | | 4 | |
| DS1-160/3P | 90 | 120 | 70 | | 93 | 30 | 100 | 60 | | 5 | |
| DS1-250/3P | 105 | 170 | 104 | 238 | 143.5 | 35 | 139 | 70 | 210 | 6 | 8.5 |
| DS1-400/3P | 140 | 257 | 104 | 316 | 144 | 44 | 214 | 87.5 | 285 | 6 | 11 |
| DS1-630/3P | 210 | 275 | 104 | 310 | 172 | 70 | 230 | 140 | 280 | 6 | 11 |
| DS1-800/3P | 210 | 275 | 104 | 347 | 172 | 70 | 230 | 140 | 307 | 6 | 16 |
| DS1-1600/3P | 210 | 410 | 140 | 410 | 210 | 70 | 300 | 140 | 350 | 10 | 12 |
| DS1-125/4P | 110 | 120 | 70 | | 90 | 25 | 100 | 50 | | 4 | |
| DS1-160/4P | 120 | 120 | 70 | | 93 | 30 | 100 | 60 | | 5 | |
| DS1-250/4P | 140 | 170 | 104 | 238 | 143.5 | 35 | 139 | 70 | 210 | 6 | 8.5 |
| DS1-400/4P | 184 | 257 | 104 | 316 | 144 | 44 | 214 | 87.5 | 285 | 6 | 11 |
| DS1-630/4P | 280 | 275 | 104 | 310 | 172 | 70 | 230 | 140 | 280 | 6 | 11 |
| DS1-800/4P | 280 | 275 | 104 | 347 | 172 | 70 | 230 | 140 | 307 | 6 | 16 |
| DS1-1600/4P | 280 | 410 | 140 | 410 | 210 | 70 | 300 | 140 | 350 | 10 | 12 |

| Type | Rated current In (A) | Operating breaking capacity (kA) Ics | Maximum breaking capacity (kA) Icu | | Thermal current adjustment (A) | Section of the conductor ($mm^2$) | Packing/Box (pcs) | Product category | Catalogue number tree-poles |
|---|---|---|---|---|---|---|---|---|---|
| | | | 415V | 690V | | | | | |
| DS1-125 | 40 | 16 | 35 | 10 | fixed | 16 | 1 / 20 | F | **44040** |
| DS1-125 | 50 | 16 | 35 | 10 | fixed | 16 | 1 / 20 | F | **44050** |
| DS1-125 | 63 | 16 | 35 | 10 | fixed | 25 | 1 / 20 | F | **44063** |
| DS1-125 | 80 | 16 | 35 | 10 | fixed | 25 | 1 / 20 | F | **44080** |
| DS1-125 | 100 | 16 | 35 | 10 | fixed | 35 | 1 / 20 | F | **44090** |

UNTIL SUPPLY LAST



UNTIL SUPPLY LAST

| Type | Rated current In (A) | Operating breaking capacity (kA) Ics | Maximum breaking capacity (kA) Icu | | Thermal current adjustment (A) | Section of the conductor ($mm^2$) | Packing/Box (pcs) | Product category | Catalogue number tree-poles |
|---|---|---|---|---|---|---|---|---|---|
| | | | 415V | 690V | | | | | |
| DS1 - 160 | 63 | 22 | 35 | 15 | 44 - 63 | 25 | 1 / 20 | F | **44163** |
| DS1 - 160 | 80 | 22 | 35 | 15 | 56 - 80 | 25 | 1 / 20 | F | **44164** |
| DS1 - 160 | 100 | 22 | 35 | 15 | 70 - 100 | 50 | 1 / 20 | F | **44165** |
| DS1 - 160 | 125 | 22 | 35 | 15 | 88 - 125 | 50 | 1 / 20 | F | **44166** |
| DS1 - 160 | 160 | 22 | 35 | 15 | 112 - 160 | 70 | 1 / 20 | F | **44160** |
| DS1 - 160 | 160 | 22 | 35 | 15 | fixed | 70 | 1 / 20 | F | **441601** |



UNTIL SUPPLY LAST

| Type | Rated current In (A) | Operating breaking capacity (kA) Ics | Maximum breaking capacity (kA) Icu | | Thermal current adjustment (A) | Section of the conductor ($mm^2$) | Packing/Box (pcs) | Product category | Catalogue number tree-poles |
|---|---|---|---|---|---|---|---|---|---|
| | | | 415V | 690V | | | | | |
| DS 1 - 400 | 400 | 50 | 65 | 25 | fixed | 240 | 1 / 4 | F | **44401** |



UNTIL SUPPLY LAST

| Type | Rated current In (A) | Operating breaking capacity (kA) Ics | Maximum breaking capacity (kA) Icu | | Thermal current adjustment (A) | Section of the conductor ($mm^2$) | Packing/Box (pcs) | Product category | Catalogue number tree-poles |
|---|---|---|---|---|---|---|---|---|---|
| | | | 415V | 690V | | | | | |
| DS1 - 630 | 500 | 65 | 75 | 25 | fixed | 185 | 1 / 2 | F | **44500** |



UNTIL SUPPLY LAST

| Type | Rated current In (A) | Max. breaking capacity (kA) Icu | Operating breaking capacity (kA)Ics | Section of the power supply conductor ($mm^2$) | Protection from overload | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| DS1 - 1250 | 1000 | 85 | 65 | 240 | fixed | 1 / 1 | F | **44000** |
| DS1 - 1250 | 1250 | 85 | 65 | 240 | fixed | 1 / 1 | F | **44502** |

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

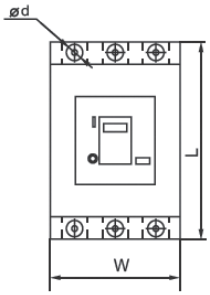
# MOULDED CASE CIRCUIT BREAKER (MCCB) DS2 SERIES

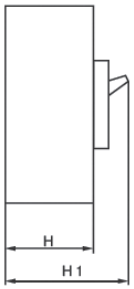
3+0 standard +extended 3 YEAR TOTAL WARRANTY



**FUNCTIONS:**
- no auxiliaries available for this type of MCCB
- 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

**TECHNICAL DATA:**
- Rated operating voltage: 400V; 50/60Hz
- Isolating voltage: 690V
- Surge voltage wear resistance: ≥6000V
- 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):≥6000
- Mechanical wear resistance (number of cycles):≥10000
- IP code: IP>20
- Mounting:
  - joining with bolts
  - mounting position: vertical
- Plastic material of UV rays and non-flammable
- Test button
- Ambient temperature: -20°÷55°C




UNTIL SUPPLY LAST

| Type | Overall dimensions (mm) | | | |
|---|---|---|---|---|
| | W | L | H | H1 |
| DS2-63 | 76 | 135 | 73,5 | 90,5 |
| DS2-500 | 180 | 270 | 111,5 | 160 |
| DS2-630 | 180 | 270 | 111,5 | 160 |
| DS2-800 | 210 | 274,3 | 109 | 145,8 |

| Type | Rated current In (A) | Max. breaking capacity (kA) Icu | Operating breaking capacity (kA) Ics | Recommended conductor ($mm^2$) | Protection from overload | Packing/Box (pcs) | Product category | Catalogue number tree-poles |
|---|---|---|---|---|---|---|---|---|
| DS2-63 | 63 | 18 | 12 | 16 | fixed | 1/12 | F | **44006** |
| DS2-500 | 500 | 50 | 42 | 240 | fixed | 1/1 | F | **44005** |
| DS2-630 | 630 | 50 | 42 | 240 | fixed | 1/2 | F | **44036** |
| DS2-800 | 800 | 65 | 48 | 240 | fixed | 1/1 | F | **44008** |

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



# MOULDED CASE CIRCUIT BREAKERS (MCCB) DS1 TO 1600A-ELECTRONIC TYPE

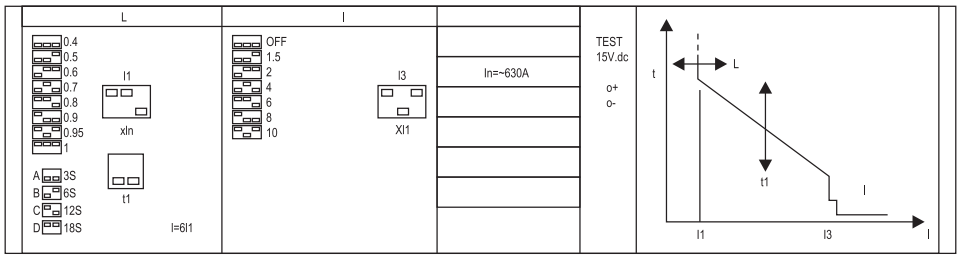
3+0 standard +extended 3 YEAR TOTAL WARRANTY

## FUNCTIONS:

- 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

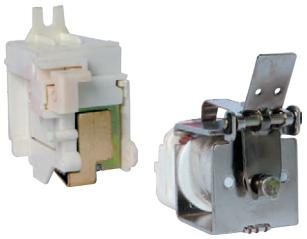



## PROTECTING FUNCTIONS:

Function L – step adjustment for protection against overload. Adjustment of the operating current I1=0.4+1xIn with discreet coefficients as the value can be 0.4; 0.5; 0.6; 0.7; 0.8; 0.9; 0.95 and 1
Time delay adjustment t1 of the protection against overload – step adjustment with four values A-3s; B-6s; C-12s; D-18s when current is I=6I1. The diagram of the current curves is presented on fig.1
Adjustment of the transitory protection current against short circuit I3=X x I1 where X can take discreet value OFF; 1.5; 2; 4; 6; 8; 10

| Type | Rated current In (A) | Operating breaking capacity (kA) Ics | Maximum breaking capacity (kA) Icu | | Thermal current adjustment (A) | Section of the conductor ($mm^2$) | Packing/Box (pcs) | Product category | Catalogue number tree-poles |
|---|---|---|---|---|---|---|---|---|---|
| | | | 415V | 690V | | | | | |
| DS1 - 400E | 400 | 50 | 65 | 25 | 160 - 400 | 240 | 1 / 3 | F | **44940** |
| DS1 - 630E | 630 | 65 | 75 | 25 | 252 - 630 | 240 | 1 / 2 | F | **44963** |
| DS1 - 1250E | 1000 | 85 | 100 | 65 | 400 - 1000 | 240 | 1 / 1 | F | **44999** |
| DS1 - 1250E | 1250 | 85 | 100 | 65 | 500 - 1250 | 240 | 1 / 1 | F | **44925** |
| DS1 - 1600E | 1600 | 85 | 100 | 65 | 640 - 1600 | 240 | 1 / 1 | F | **44960** |

UNTIL SUPPLY LAST





## SHUNT RELEASE (MX)

7+0 standard +extended | 7 YEAR TOTAL WARRANTY | *for industrial usage, 3 years warranty

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

UNTIL SUPPLY LAST *Until Supply Last- 3 year standard+0 year extended warranty

### DS1-ELECTRONIC TYPE WITH MOUNTED MX

| Type | Product category | Catalogue number 400V | 230V |
|---|---|---|---|
| DS1 400/3300* | F | **444511** | **44452** |
| DS1 630/3300* | F | **44455** | **44456** |

### DS1 MAX-ELECTRONIC TYPE WITH MOUNTED MX

| Type | Product category | Catalogue number 400V | 230V |
|---|---|---|---|
| DS1 MAX 400/3300 | B | **444511M** | **44452M** |
| DS1 MAX 630/3300 | B | **44455M** | **44456M** |
| DS1 MAX 800/3300 | B | **44459M** | **44460M** |

### DS1-THERMOMAGNETIC TYPE WITH MOUNTED MX

| Type | Product category | Catalogue number 400V | 230V |
|---|---|---|---|
| DS1 125/40* | F | **44317** | **44318** |
| DS1 125/50* | F | **44321** | **44322** |
| DS1 125/63* | F | **44326** | **44327** |
| DS1 125/80* | F | **44331** | **44332** |
| DS1 125/100* | F | **44336** | **44337** |
| DS1 160/100* | F | **44463** | **44464** |
| DS1 160/160* | F | **44333** | **44344** |
| DS1 400/400* | F | **44355** | **44356** |
| DS1 630/500* | F | **44359** | **44360** |

### DS1 MAX-THERMOMAGNETIC TYPE WITH MOUNTED MX

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



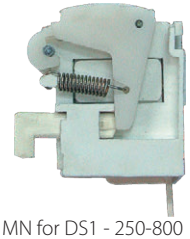
***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

## UNDER VOLTAGE RELEASE (MN)

7+0 standard +extended | 7 YEAR TOTAL WARRANTY | *for industrial usage, 3 years warranty



MN for DS1 - 125-160



MN for DS1 - 250-800



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

**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

UNTIL SUPPLY LAST

*Until Supply Last - 3 year standard+0 year extended warranty

### DS1-ELECTRONIC TYPE WITH MOUNTED MN

| Type | Product category | Catalogue number 400V | Catalogue number 230V |
|---|---|---|---|
| DS1 400/3300* | F | **44483** | **44484** |
| DS1 630/3300* | F | **44487** | **44488** |

### DS1 MAX-ELECTRONIC TYPE WITH MOUNTED MN

| Type | Product category | Catalogue number 400V | Catalogue number 230V |
|---|---|---|---|
| DS1 MAX 400/3300 | B | **44483M** | **44484M** |
| DS1 MAX 630/3300 | B | **44487M** | **44488M** |
| DS1 MAX 800/3300 | B | **44491M** | **44492M** |

### DS1-THERMOMAGNETIC TYPE WITH MOUNTED MN

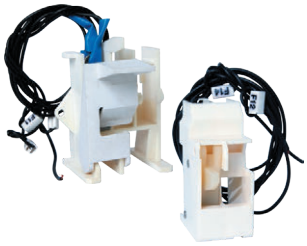
| Type | Product category | Catalogue number 400V | Catalogue number 230V |
|---|---|---|---|
| DS1 125/40* | F | **44383** | **44384** |
| DS1 125/50* | F | **44387** | **44388** |
| DS1 125/63* | F | **44391** | **44392** |
| DS1 125/80* | F | **44395** | **44396** |
| DS1 125/100* | F | **44399** | **44402** |
| DS1 160/100* | F | **44475** | **44476** |
| DS1 160/160* | F | **44411** | **44412** |
| DS1 400/400* | F | **44423** | **44424** |
| DS1 630/500* | F | **44427** | **44428** |

### DS1 MAX-THERMOMAGNETIC TYPE WITH MOUNTED MN

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

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



# AUXILIARY CONTACT (OF)

7+0 standard +extended | 7 YEAR TOTAL WARRANTY | *for industrial usage, 3 years warranty

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

INTERNAL DEVICES

**AUXILIARY CONTACT (OF)**
The device changes its condition conformably to the breaker's condition; it has a NO and a NC contactor.

UNTIL SUPPLY LAST

**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

*Until Supply Last - 3 year standard+0 year extended warranty



**DS1-THERMOMAGNETIC TYPE WITHMOUNTED OF**

| Type | Product category | Catalogue number |
|---|---|---|
| DS1 125/40* | F | **44301** |
| DS1 125/50* | F | **44302** |
| DS1 125/63* | F | **44303** |
| DS1 125/80* | F | **44304** |
| DS1 125/100* | F | **44305** |
| DS1 160/160* | F | **44307** |
| DS1 400/400* | F | **44310** |
| DS1 630/500* | F | **44311** |

**DS1 MAX-THERMOMAGNETIC TYPE WITH MOUNTED OF**

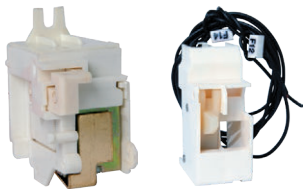
| Type | Product category | Catalogue number |
|---|---|---|
| DS1 MAX 125/63 | B | **44303M** |
| DS1 MAX 125/80 | B | **44304M** |
| DS1 MAX 125/100 | B | **44305M** |
| DS1 MAX 125/125 | B | **44306M** |
| DS1 MAX 250/160 | B | **44307M** |
| DS1 MAX 250/200 | B | **44308M** |
| DS1 MAX 250/250 | B | **44309M** |
| DS1 MAX 400/400 | B | **44310M** |
| DS1 MAX 630/630 | B | **44312M** |
| DS1 MAX 800/800 | B | **44313M** |

**DS1 -ELECTRONIC TYPE WITH MOUNTED MX+OF**

| | Product category | Catalogue number 400V | Catalogue number 230V |
|---|---|---|---|
| DS1 400/3300* | F | **44453** | **44454** |
| DS1 630/3300* | F | **44457** | **44458** |



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

7+0 standard +extended | 7 YEAR TOTAL WARRANTY | *for industrial usage, 3 years warranty

UNTIL SUPPLY LAST *Until Supply Last- 3 year standard+0 year extended warranty

### DS1-THERMOMAGNETIC TYPE WITH MOUNTED MX+OF

| | Product category | Catalogue number 400V | Catalogue number 230V |
|---|---|---|---|
| DS1 125/40* | F | **44319** | **44320** |
| DS1 125/50* | F | **44323** | **44324** |
| DS1 125/63* | F | **44328** | **44330** |
| DS1 125/80* | F | **44334** | **44335** |
| DS1 125/100* | F | **44338** | **44339** |
| DS1 160/100* | F | **44465** | **44466** |
| DS1 160/160* | F | **44345** | **44346** |
| DS1 250/200* | F | **44349** | **44350** |
| DS1 250/250* | F | **44353** | **44354** |
| DS1 400/315* | F | **44469** | **44470** |
| DS1 400/400* | F | **44357** | **44358** |
| DS1 630/500* | F | **44361** | **44362** |
| DS1 630/630* | F | **44365** | **44366** |
| DS1 800/800* | F | **44369** | **44370** |

### DS1 MAX-THERMOMAGNETIC TYPE WITH MOUNTED MN+OF

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

### DS1 MAX-ELECTRONIC TYPE WITH MOUNTED MN+OF

| | Product category | Catalogue number 400V | Catalogue number 230V |
|---|---|---|---|
| DS1 MAX 400/3300 | B | **44485M** | **44486M** |
| DS1 MAX 630/3300 | B | **44489M** | **44490M** |
| DS1 MAX 800/3300 | B | **44493M** | **44494M** |

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### DS1 MAX-ELECTRONIC TYPE WITH MOUNTED MX+OF

| | Product category | Catalogue number 400V | Catalogue number 230V |
|---|---|---|---|
| DS1 MAX 400/3300 | B | **44453M** | **44454M** |
| DS1 MAX 630/3300 | B | **44457M** | **44458M** |
| DS1 MAX 800/3300 | B | **44461M** | **44462M** |

### DS1 MAX- THERMOMAGNETIC TYPE WITH MOUNTED MX+OF

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

### DS1-THERMOMAGNETIC TYPE WITH MOUNTED MN+OF

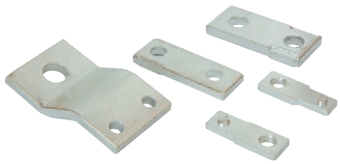
| | Product category | Catalogue number 400V | Catalogue number 230V |
|---|---|---|---|
| DS1 125/40 | F | **44385** | **44386** |
| DS1 125/50 | F | **44389** | **44390** |
| DS1 125/63 | F | **44393** | **44394** |
| DS1 125/80 | F | **44397** | **44398** |
| DS1 125/100 | F | **44405** | **44406** |
| DS1 125/125 | F | **44409** | **44410** |
| DS1 160/100 | F | **44477** | **44478** |
| DS1 160/160 | F | **44413** | **44414** |
| DS1 250/200 | F | **44417** | **44418** |
| DS1 250/250 | F | **44421** | **44422** |
| DS1 400/315 | F | **44481** | **44482** |
| DS1 400/400 | F | **44425** | **44426** |
| DS1 630/500 | F | **44429** | **44430** |
| DS1 630/630 | F | **44433** | **44434** |
| DS1 800/800 | F | **44437** | **44438** |

UNTIL SUPPLY **LAST**

### DS1-ELECTRONIC TYPE WITH MOUNTED MN+OF

| | Product category | Catalogue number 400V | Catalogue number 230V |
|---|---|---|---|
| DS1 400/3300 | F | **44485** | **44486** |
| DS1 630/3300 | F | **44489** | **44490** |

UNTIL SUPPLY **LAST**



# TERMINAL PLATES FOR MCCB - DS1 AND DS1 MAX TYPE

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.

### TERMINAL PLATES FOR MCCB - DS1

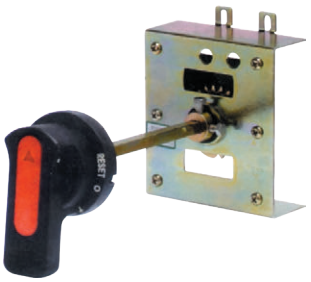
| Type | Product category | Rated current (A) | Catalogue number 3pcs/set |
|---|---|---|---|
| TP 125 | F | 125 | **31125** |
| TP 160 | F | 160 | **31160** |
| TP 250 | F | 250 | **31250** |
| TP 400 | F | 400 | **31400** |
| TP 630 | F | 630 | **31630** |
| TP 800 | F | 800 | **31850** |

UNTIL SUPPLY LAST

### TERMINAL PLATES FOR MCCB - DS1 MAX

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

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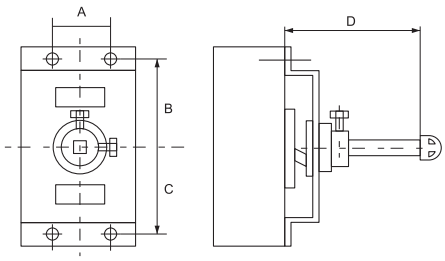


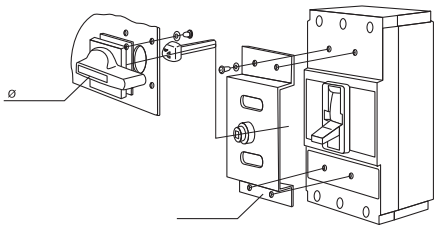
## REMOTE CONTROL (MANUAL)

5+2 standard +extended 7 YEAR TOTAL WARRANTY *for industrial usage, 3 years warranty

**Description:**
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




### REMOTE CONTROL FOR MCCB, DS1

| Type of the breaker | Dimensions (mm) | | | | | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| | A | B | C | Dmin | Dmax | | | |
| DS1 125A* | 25 | 50 | 50 | 65 | 115 | 1 | F | **44967** |
| DS1 160A* | 30 | 50 | 50 | 65 | 115 | 1 | F | **44968** |
| DS1 250A* | 35 | 70 | 70 | 80 | 130 | 1 | F | **44969** |
| DS1 400A* | 45 | 107 | 107 | 85 | 105 | 1 | F | **44970** |
| DS1 630A* | 70 | 119 | 119 | 110 | 110 | 1 | F | **44971** |
| DS1 800A* | 70 | 119 | 119 | 110 | 110 | 1 | F | **44972** |

*3 year standard+0 year extended warranty

UNTIL SUPPLY LAST

### REMOTE CONTROL FOR MCCB, DS1 MAX

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



***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



DS1 - 125-160

## REMOTE CONTROL (ELECTRICAL)

5+2 standard +extended | 7 YEAR TOTAL WARRANTY | *for industrial usage, 3 years warranty

**Description:**
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



DS1 - 250-800

### ELECTRICAL REMOTE CONTROL FOR MCCB DS1

| Type of the breaker | Dimensions (mm) | | | | | Packing/Box (pcs) | Product category | Catalogue number Operating voltage (V) | |
|---|---|---|---|---|---|---|---|---|---|
| | A | A1 | B | B1 | H | | | 230V | 400V |
| DS1 125 | 103.5 | 110 | 30 | 90 | 92 | 1 | F | **44912** | **44907** |
| DS1 160 | 103.5 | 110 | 35 | 90 | 92 | 1 | F | **44913** | **44908** |
| DS1 250 | 139 | - | 132 | - | 105 | 1 | F | **44914** | **44909** |
| DS1 400 | 226 | - | 132 | - | 132 | 1 | F | **44915** | **44910** |
| DS1 630 | 226 | - | 132 | - | 132 | 1 | F | | **44911** |
| DS1 800 | 226 | - | 132 | - | 132 | 1 | F | | **44911** |

*3 year standard+0 year extended warranty

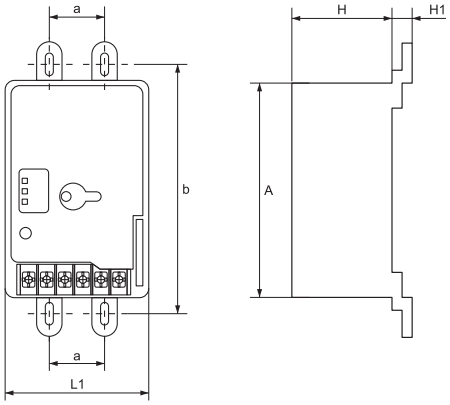
UNTIL SUPPLY LAST



DS1 MAX - 63-250

### ELECTRICAL REMOTE CONTROL FOR MCCB DS1 MAX

| Type of the breaker | Dimensions (mm) | | | | | Packing/Box (pcs) | Product category | Catalogue number Operating voltage (V) | |
|---|---|---|---|---|---|---|---|---|---|
| | L1 | B | B | H | H1 | | | 230V | 400V |
| DS1 MAX 63A | 116 | 90 | 50 | 77 | 12,5 | 1 | B | **44917M** | **44906M** |
| DS1 MAX 125A | 116 | 90 | 50 | 77 | 12,5 | 1 | B | **44912M** | **44907M** |
| DS1 MAX 250A | 116 | 90 | 70 | 77 | 15 | 1 | B | **44914M** | **44909M** |
| DS1 MAX 400A | 176 | 130 | 107 | 115 | 27 | 1 | B | **44915M** | **44910M** |
| DS1 MAX 630/800A | 176 | 130 | 119 | 115 | 31 | 1 | B | **44916M** | **44911M** |



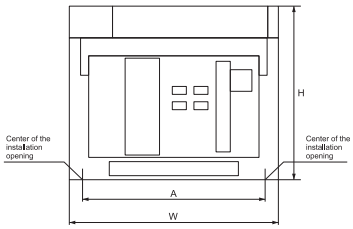

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

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

# MOULDED CASE CIRCUIT BREAKER(MCCB) DW1 SERIES

5+2 standard +extended **7 YEAR TOTAL WARRANTY** *for industrial usage, 3 years warranty





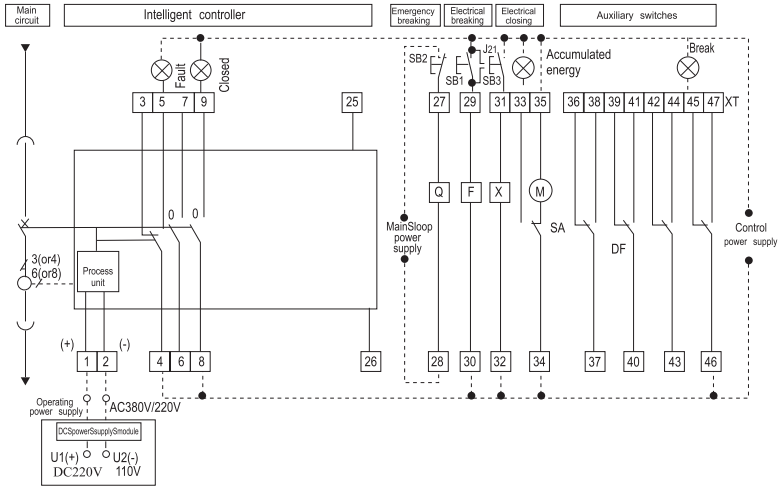

The DW1 series is an intelligent type circuit breaker used to control and protect low voltage electrical distribution network. Possibility to set the parameters of the circuit protection, built in under voltage release, remote control, earth protection and load monitoring.

**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

**TECHNICAL DATA:**
- Rated operating voltage: 690V; 50/60Hz
- Isolating voltage: 690V
- Surge voltage wear resistance: 2kV
- Joining terminal: bolt connection with 4 bolts to the power supply railConnecting:
  - copper rails
  - busway connection – at the back
- Electrical wear resistance (number of cycles): ≥2000
- Mechanical wear resistance (number of cycles): ≥9000
- IP code: IP54
- Mounting:
  - clamping with bolts
  - mounting position: vertical gradient – maximum 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.




| Type | Dimensions | | |
|---|---|---|---|
| | 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 |

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

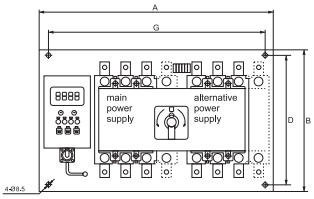
***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

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

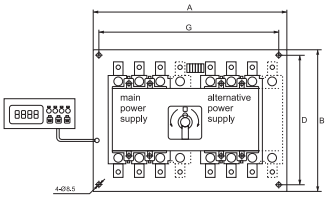
# DUAL POWER CHANGE-OVER SWITCH EQ1 SERIES (ATS)

5+2 standard +extended 7 YEAR TOTAL WARRANTY *for industrial usage, 3 years warranty








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

**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 non-flammable
- 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
- Undervoltage 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

| Type of the breaker | Overall dimensions (mm) | | | | |
|---|---|---|---|---|---|
| | 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 |

| Type | Rated current In (A) | Max. breaking capacity (kA) Icu | Operating breaking capacity (kA) Ics | Section of the power supply conductor ($mm^2$) | Electrical wear resistance (number of cycles) | Mechanical wear resistance (number of cycles) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| EQ1 - 100 | 100 | 50 | 35 | 35 | 2000 | 6000 | 1 / 1 | B | **44100** |
| EQ1 - 225 | 225 | 50 | 35 | 70 | 2000 | 6000 | 1 / 1 | B | **44225** |
| EQ1 - 400 | 400 | 100 | 65 | 180 | 2000 | 6000 | 1 / 1 | B | **44403** |
| EQ1 - 630 | 630 | 100 | 65 | 240 | 1000 | 3000 | 1 / 1 | B | **44633** |
| EQ1 - 800 | 800 | 100 | 65 | 240 | 1000 | 3000 | 1 / 1 | B | **44833** |
| EQ1 - 100* | 100 | 50 | 35 | 35 | 2000 | 6000 | 1 / 1 | B | **44101** |
| EQ1 - 225* | 225 | 50 | 35 | 70 | 2000 | 6000 | 1 / 1 | B | **44226** |
| EQ1 - 400* | 400 | 100 | 65 | 180 | 2000 | 6000 | 1 / 1 | B | **44404** |
| EQ1 - 630* | 630 | 100 | 65 | 240 | 1000 | 3000 | 1 / 1 | B | **44634** |
| EQ1 - 800* | 800 | 100 | 65 | 240 | 1000 | 3000 | 1 / 1 | B | **44834** |

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

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




**TYPE AC FOR AC CURRENT**

# ELECTRO-MAGNETIC RESIDUAL CURRENT DEVICES (RCD) JEL1

7+0 standard +extended | 7 YEAR TOTAL WARRANTY | *for industrial usage, 3 years warranty

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 misbalanced 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.

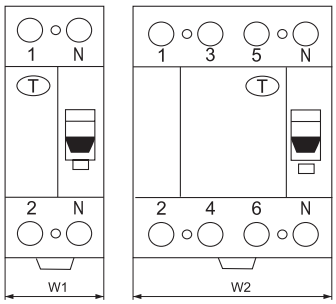
**FUNCTIONS:**
- switching off heavy-loaded electrical circuits at insulation damage of the conductors to the consumers
- switching off heavy-loaded electrical circuits at presence of a person under voltage
- used to protect not only particular consumers/ circuits, but also the whole panel
- remarkable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

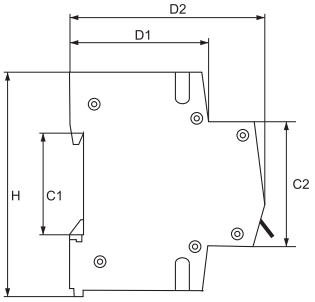
**TECHNICAL DATA:**
- Rated operating voltage: 230/400V; 50/60 Hz
- Rated current: according to the table
- Responsiveness: 30; 100; 300; 500mA
- Time delay until break: <0.1s at I Δ n and <0.04s at 2I Δ n
- Surge voltage wear resistance: ≥2000V
- Short circuit current wear resistance: 4500A, 6000A
- 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 non-flammable
- Ambient temperature: -10°C + 65°C
- Installation altitude: up to 2000m

**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)



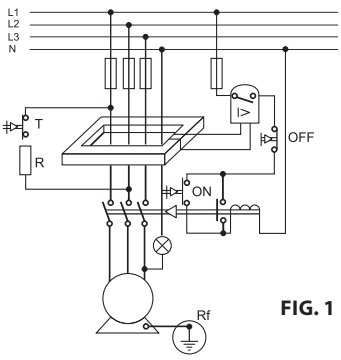
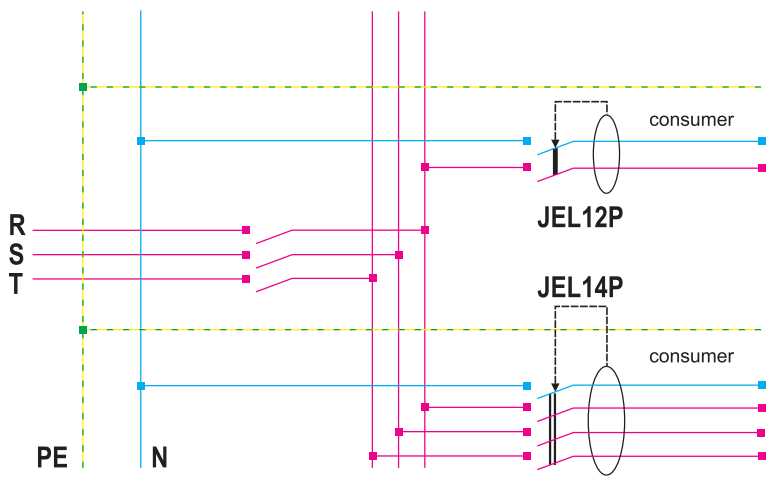




FIG. 1

Dimensions (mm)

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

**CONNECTING SCHEME**




*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

# ELECTRO-MAGNETIC RESIDUAL CURRENT DEVICES (RCD) JEL1 AND JEF

7+0 standard +extended | 7 YEAR TOTAL WARRANTY | *for industrial usage, 3 years warranty

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




**TYPE AC FOR AC CURRENT**

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




**TYPE AC FOR AC CURRENT**

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




**TYPE AC FOR AC CURRENT**

UNTIL SUPPLY LAST

| Type | Number of poles | Breaking capacity (kA) | Rated current In (A) | Packing/Box (pcs) | Product category | Leakage current I Δ n (mA) | Catalogue number |
|---|---|---|---|---|---|---|---|
| JEF* | 2P | 4.5 | 10 | 1/60 | F | **300** | **40713JEF** |
| JEF* | 2P | 4.5 | 10 | 1/60 | F | **30** | **40710JEF** |
| JEF* | 2P | 4.5 | 16 | 1/60 | F | **300** | **40718JEF** |
| JEF* | 2P | 4.5 | 20 | 1/60 | F | **300** | **40794JEF** |
| JEF* | 2P | 4.5 | 25 | 1/60 | F | **300** | **40723JEF** |
| JEF* | 2P | 4.5 | 32 | 1/60 | F | **300** | **40733JEF** |
| JEF* | 2P | 4.5 | 63 | 1/60 | F | **30** | **40761JEF** |
| JEF* | 2P | 4.5 | 63 | 1/60 | F | **300** | **40763JEF** |

*3 year standard+0 year extended warranty

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

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

# ELECTRO-MAGNETIC RESIDUAL CURRENT DEVICES (RCD) JEL1A

7+0 standard +extended | 7 YEAR TOTAL WARRANTY | *for industrial usage, 3 years warranty




**TYPE A FOR AC/DC CURRENT**

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: 30; 100; 300; 500mA
- 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):≥5000
- Mechanical wear resistance (number of cycles):≥10000
- 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




**TYPE A FOR AC/DC CURRENT**

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

| Type | Number of poles | Breaking capacity (kA) | Rated current In (A) | Packing/Box (pcs) | Product category | Catalogue number | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Leakage current I Δ n (mA) | | | |
| | | | | | | 30 | 100 | 300 | 500 |
| JEL 1A | 2P | 6 | 10.0 | 1 / 60 | B | **40510** | **40512** | **40513** | **40514** |
| JEL 1A | 2P | 6 | 16.0 | 1 / 60 | B | **40516** | **40517** | **40518** | **40519** |
| JEL 1A | 2P | 6 | 20.0 | 1 / 60 | B | **40592** | **40593** | **40594** | **40595** |
| JEL 1A | 2P | 6 | 25.0 | 1 / 60 | B | **40521** | **40522** | **40523** | **40524** |
| JEL 1A | 2P | 6 | 32.0 | 1 / 60 | B | **40531** | **40532** | **40533** | **40534** |
| JEL 1A | 2P | 6 | 40.0 | 1 / 60 | B | **40541** | **40542** | **40543** | **40544** |
| JEL 1A | 2P | 6 | 63.0 | 1 / 60 | B | **40561** | **40562** | **40563** | **40564** |
| JEL 1A | 2P | 6 | 80.0 | 1 / 60 | B | **40581** | **40582** | **40583** | **40584** |
| JEL 1A | 2P | 6 | 100.0 | 1 / 60 | B | **40591** | **40596** | **40597** | **40598** |




**TYPE A FOR AC/DC CURRENT**

| Type | Number of poles | Breaking capacity (kA) | Rated current In (A) | Packing/Box (pcs) | Product category | Catalogue number | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Leakage current I Δ n (mA) | | | |
| | | | | | | 30 | 100 | 300 | 500 |
| JEL 1A | 4P | 6 | 10.0 | 1 / 30 | B | **40610** | **40612** | **40613** | **40614** |
| JEL 1A | 4P | 6 | 16.0 | 1 / 30 | B | **40616** | **40617** | **40618** | **40619** |
| JEL 1A | 4P | 6 | 20.0 | 1 / 30 | B | **40692** | **40693** | **40694** | **40695** |
| JEL 1A | 4P | 6 | 25.0 | 1 / 30 | B | **40621** | **40622** | **40623** | **40624** |
| JEL 1A | 4P | 6 | 32.0 | 1 / 30 | B | **40631** | **40632** | **40633** | **40634** |
| JEL 1A | 4P | 6 | 40.0 | 1 / 30 | B | **40641** | **40642** | **40643** | **40644** |
| JEL 1A | 4P | 6 | 63.0 | 1 / 30 | B | **40661** | **40662** | **40663** | **40664** |
| JEL 1A | 4P | 6 | 80.0 | 1 / 30 | B | **40681** | **40682** | **40683** | **40684** |
| JEL 1A | 4P | 6 | 100.0 | 1 / 30 | B | **40691** | **40696** | **40697** | **40698** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

## ELECTRO-MAGNETIC RESIDUAL CURRENT DEVICES (RCD) JEL2

3+0 standard +extended 3 YEAR TOTAL WARRANTY



TYPE AC FOR AC CURRENT

UNTIL SUPPLY LAST

Residual current devices JEL2, 4,5kA - Type AC - alternating fault currents sensible. Impulse withstand voltage 2000VAC

| Type | Number of poles | Breaking capacity (kA) | Rated current In (A) | Packing/Box (pcs) | Product category | Catalogue number | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Leakage current I Δ n (mA) | | | |
| | | | | | | 30 | 100 | 300 | 500 |
| JEL 2 | 2P | 4,5 | 10.0 | 1 / 60 | F | | | | |
| JEL 2 | 2P | 4,5 | 16.0 | 1 / 60 | F | **40716** | | **40718** | |
| JEL 2 | 2P | 4,5 | 32.0 | 1 / 60 | F | **40731** | | | |
| JEL 2 | 2P | 4,5 | 40.0 | 1 / 60 | F | **40741** | | **40743** | **40744** |
| JEL 2 | 2P | 4,5 | 63.0 | 1 / 60 | F | **40761** | | **40763** | |



TYPE AC FOR AC CURRENT

UNTIL SUPPLY LAST

| Type | Number of poles | Breaking capacity (kA) | Rated current In (A) | Packing/Box (pcs) | Product category | Catalogue number | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Leakage current I Δ n (mA) | | | |
| | | | | | | 30 | 100 | 300 | 500 |
| JEL 2 | 4P | 4,5 | 16.0 | 1 / 30 | F | **40816** | | **40818** | |
| JEL 2 | 4P | 4,5 | 25.0 | 1 / 30 | F | | | **40823** | |
| JEL 2 | 4P | 4,5 | 40.0 | 1 / 30 | F | | | **40843** | **40844** |
| JEL 2 | 4P | 4,5 | 63.0 | 1 / 30 | F | | | **40863** | **40864** |

## ELECTRO-MAGNETIC RESIDUAL CURRENT DEVICES (RCD) JEL2 SIGMA

3+0 standard +extended 3 YEAR TOTAL WARRANTY



TYPE AC FOR AC CURRENT

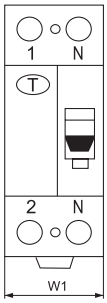
UNTIL SUPPLY LAST

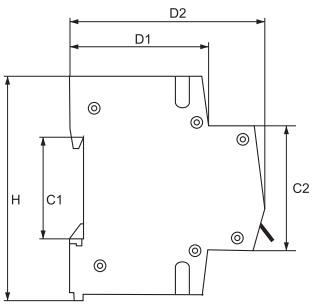
| Type | Number of poles | Breaking capacity (kA) | Rated current In (A) | Packing/Box (pcs) | Product category | Catalogue number | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Leakage current I Δ n (mA) | | | |
| | | | | | | 30 | 100 | 300 | 500 |
| JEL 2 SIGMA | 2P | 6 | 10.0 | 1 / 30 | F | | | **40213S** | |
| JEL 2 SIGMA | 2P | 6 | 16.0 | 1 / 30 | F | | | | |
| JEL 2 SIGMA | 2P | 6 | 20.0 | 1 / 30 | F | **40292S** | | **40294S** | **40295S** |
| JEL 2 SIGMA | 2P | 6 | 25.0 | 1 / 30 | F | **40221S** | | **40223S** | |
| JEL 2 SIGMA | 2P | 6 | 40.0 | 1 / 30 | F | | **40242S** | **40243S** | |
| JEL 2 SIGMA | 2P | 6 | 63.0 | 1 / 30 | F | | **40262S** | **40263S** | |
| JEL 2 SIGMA | 4P | 6 | 20.0 | 1 / 30 | F | **40492S** | | **40494S** | |
| JEL 2 SIGMA | 4P | 6 | 25.0 | 1 / 30 | F | **40421S** | | **40423S** | |
| JEL 2 SIGMA | 4P | 6 | 32.0 | 1 / 30 | F | | **40432S** | | |
| JEL 2 SIGMA | 4P | 6 | 40.0 | 1 / 30 | F | | | **40443S** | |
| JEL 2 SIGMA | 4P | 6 | 63.0 | 1 / 30 | F | | | | **40464S** |

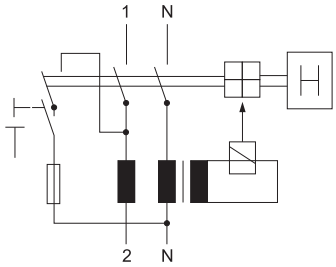
**Documents corresponding to the product:**
EN 61 009-1; EN 61009-2;




**TYPE AC FOR AC CURRENT**







**TYPE AC FOR AC CURRENT**

# ELECTRO-MAGNETIC RESIDUAL CURRENT OPERATED CIRCUIT BREAKER (RCBO)- JEL5

7+0 standard +extended | 7 YEAR TOTAL WARRANTY | *for industrial usage, 3 years warranty

**DESCRIPTION OF THE OPERATING SYSTEM:**
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 misbalanced 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
- 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:**
- Rated operating voltage: 230V 50 Hz
- Circuit breaker rated current: according to the table
- Residual current responsiveness: 30; 100; 300; 500mA
- Time delay until break:
  - of the residual current device: <0.1s at I Δ n and <0.04s at 2I Δ n
  - of the circuit breaker: <0.1s
- Circuit breaker tripping curve: C
- Surge voltage wear resistance:≥2000V
- Breaking capacity: 10000
- Joining terminal: flat (tunnel) screw terminal made of 1.5 coldly draw-plated plane Q235A
- Type of the plastic:
  - material: self-extinguishing nylon PA66
  - dielectrical 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
- Breakers plastic material of UV rays and non-flammable
- Ambient temperature: -10°C + 65°C
- Installation altitude: up to 2000m

**CONNECTING:**
- 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 operating neutral conductor (N) and separate protecting conductor (PE) (e.g. earthing system TN-S or TT with three or five conductors).

Dimensions (mm)

| W1 | H | C1 | C2 | D1 | D2 |
|---|---|---|---|---|---|
| 35 | 81 | 35 | 45 | 50 | 72 |

Combined electromagnetic residual current device and circuit breaker 2P 6kA

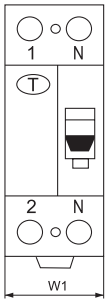
| Type designation | Number of poles | Breaking capacity (kA) | Rated current (A) | Packing / Box (pcs) | Product category | Catalogue number | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Leakage current I Δ n (mA) | | | |
| | | | | | | 30 | 100 | 300 | 500 |
| JEL5 | 2p | 6 | 10 | 1 / 60 | B | **40010** | **40011** | **40013** | **40015** |
| JEL5 | 2p | 6 | 16 | 1 / 60 | B | **40016** | **40017** | **40018** | **40019** |
| JEL5 | 2p | 6 | 25 | 1 / 60 | B | **40025** | **40021** | **40023** | **40026** |
| JEL5 | 2p | 6 | 32 | 1 / 60 | B | **40032** | **40031** | **40033** | **40035** |
| JEL5 | 2p | 6 | 40 | 1 / 60 | B | **40040** | **40041** | **40043** | **40045** |

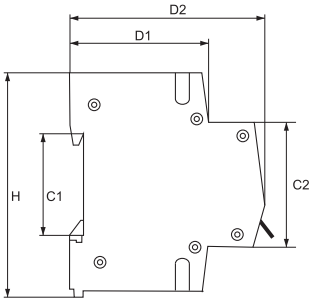
***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

**Documents corresponding to the product:**
EN 61 009-1; EN 61009-2;



**TYPE AC FOR AC CURRENT**




# ELECTRONIC RESIDUAL CURRENT OPERATED CIRCUIT BREAKER (RCBO)

7+0 standard +extended | 7 YEAR TOTAL WARRANTY | *for industrial usage, 3 years warranty

**DESCRIPTION OF THE OPERATING SYSTEM:**
It is a combination of automatic circuit breaker and residual current electromagnetic device. It combines part of the properties of the two elements. The circuit breaker reacts at short circuit in the protected circuit, and the electromagnetic residual current device - at failure in the conductors' insulation. It compares the rate of the currents through the conductors in an electronic comparator. The residual current device operates normally at voltage feed. The voltage is needed for the comparator's energizing – a semi-conductor element with constantly set leakage current rate. This rate is compared with the actual rate. When the margin of the comparison is neutral, the residual current device does not operate, but at failure in the protected circuit insulation when it exceeds the set margin it operates and switches off the protection. For the normal operation of the residual current device, the power supplying circuit voltage must be over 170V and there must be no time variation.

**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 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

**TECHNICAL DATA:**
- Rated operating voltage: 230/400V 50 Hz
- Circuit breaker rated current: according to the table
- Residual current responsiveness: 30; 100; 300; 500mA
- Time delay until break:
  - of the residual current device: <0.1s at I Δ n and <0.04s at 2I Δ n
  - of the circuit breaker: <0.1s
- Circuit breaker tripping curve: C
- Surge voltage wear resistance:≥2000V
- Breaking capacity: 4500A; 6000A; 10000A
- Joining terminal: flat (tunnel) screw terminal
- Electrical wear resistance (number of cycles):≥500
- Mechanical wear resistance (number of cycles):≥2000
- IP code: IP>20
- Indication for operating (switched on) position

**CONNECTING:**
- power supply busbar (for two- or three polar)
- flexible or rigid conductors with corresponding section

**MOUNTING:**
- on DIN-rail
- mounting position: vertical
- Breakers plastic material of UV rays and non-flammable
- Ambient temperature: -10°C + 65°C
- Installation altitude: up to 2000m

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 separate conductors for operational neutral conductor (N) and protective conductor (e.g. earthing system TN-S or TT with three or five conductors).

Dimensions (mm)

| W1 | H | C1 | C2 | D1 | D2 |
|---|---|---|---|---|---|
| 35 | 81 | 35 | 45 | 50 | 72 |

Combined electronic residual current device with circuit breaker 2P, 6кA

| Type designation | Number of poles | Breaking capacity (kA) | Rated current (A) | Packing / Box (pcs) | Product category | Catalogue number<br>Leakage current I Δ n (mA)<br>30 |
|---|---|---|---|---|---|---|
| JEL 4 C10 | 2p | 6 | 10 | 1 / 60 | B | **40211E** |
| JEL 4 C16 | 2p | 6 | 16 | 1 / 60 | B | **40215E** |
| JEL 4 C20 | 2p | 6 | 20 | 1 / 60 | B | **40225E** |
| JEL 4 C25 | 2p | 6 | 25 | 1 / 60 | B | **40240E** |
| JEL 4 C32 | 2p | 6 | 32 | 1 / 60 | B | **40265E** |
| JEL 4 C40 | 2p | 6 | 40 | 1 / 60 | B | **40274E** |



**TYPE AC FOR AC CURRENT**

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TYPE AC FOR AC CURRENT

## ELECTRONIC RESIDUAL CURRENT OPERATED CIRCUIT BREAKER (RCBO) JEL3

7+0 standard +extended | 7 YEAR TOTAL WARRANTY | *for industrial usage, 3 years warranty

**Combined electronic residual current device with circuit breaker 2P, 10кA**

| Type designation | Number of poles | Breaking capacity (kA) | Rated current (A) | Packing/Box (pcs) | Leakage current I Δ n (mA) | Product category | Catalogue number curve B | Catalogue number curve C |
|---|---|---|---|---|---|---|---|---|
| JEL 3 C6 | 1p+N | 10 | 6 | 5/100 | 30 | B | **40906B** | **40906** |
| JEL 3 C10 | 1p+N | 10 | 10 | 5/100 | 30 | B | **40910B** | **40910** |
| JEL 3 C16 | 1p+N | 10 | 16 | 5/100 | 30 | B | **40916B** | **40916** |
| JEL 3 C20 | 1p+N | 10 | 20 | 5/100 | 30 | B | **40920B** | **40920** |
| JEL 3 C25 | 1p+N | 10 | 25 | 5/100 | 30 | B | **40925B** | **40925** |
| JEL 3 C32 | 1p+N | 10 | 32 | 5/100 | 30 | B | **40932B** | **40932** |
| JEL 3 C40 | 1p+N | 10 | 40 | 5/100 | 30 | B | **40940B** | **40940** |



TYPE AC FOR AC CURRENT

**Combined electronic residual current device with circuit breaker 2P, 6кA**

| Type designation | Number of poles | Breaking capacity (kA) | Rated current (A) | Packing/Box (pcs) | Leakage current I Δ n (mA) | Product category | Catalogue number curve B | Catalogue number curve C |
|---|---|---|---|---|---|---|---|---|
| JEL 3 B6 | 1p+N | 6 | 6 | 5/100 | 30 | B | **40956B** | **40956C** |
| JEL 3 B10 | 1p+N | 6 | 10 | 5/100 | 30 | B | **40960B** | **40960C** |
| JEL 3 B16 | 1p+N | 6 | 16 | 5/100 | 30 | B | **40966B** | **40966C** |
| JEL 3 B20 | 1p+N | 6 | 20 | 5/100 | 30 | B | **40970B** | **40970C** |
| JEL 3 B25 | 1p+N | 6 | 25 | 5/100 | 30 | B | **40975B** | **40975C** |
| JEL 3 B32 | 1p+N | 6 | 32 | 5/100 | 30 | B | **40982B** | **40982C** |
| JEL 3 B40 | 1p+N | 6 | 40 | 5/100 | 30 | B | **40990B** | **40990C** |



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# ELECTRONIC RESIDUAL CURRENT OPERATED CIRCUIT BREAKER (RCBO) JEL6

3+0 standard +extended 3 YEAR TOTAL WARRANTY



UNTIL SUPPLY LAST

**Combined electronic residual current device 2P**
Compares the leakage current between the phase and neutral conductors or between two phases.

| Type designation | Number of poles | Breaking capacity (kA) | Rated current (A) | Packing / Box (pcs) | Product category | Catalogue number Leakage current I Δ n (mA) 30 |
|---|---|---|---|---|---|---|
| JEL 6 C40 | 2P | 6 | 40 | 6 / 120 | F | **40240** |
| JEL 6 C50 | 2P | 6 | 50 | 6 / 120 | F | **40265** |



UNTIL SUPPLY LAST

**Combined electronic residual current device 3P**
Compares the leakage current between the phases

| Type designation | Number of poles | Breaking capacity (kA) | Rated current (A) | Packing / Box (pcs) | Product category | Catalogue number Leakage current I Δ n (mA) 30 | 300 |
|---|---|---|---|---|---|---|---|
| JEL 6 C16 | 3P | 6 | 16 | 3 / 60 | F | | **40318** |
| JEL 6 C25 | 3P | 6 | 25 | 3 / 60 | F | **40325** | **40323** |
| JEL 6 C40 | 3P | 6 | 40 | 3 / 60 | F | **40340** | **40343** |



UNTIL SUPPLY LAST

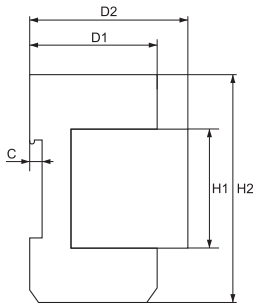
**Combined electronic residual current device 3P+N**
Compares the leakage current between the three phases and neutral conductors.

| Type designation | Number of poles | Breaking capacity (kA) | Rated current (A) | Packing / Box (pcs) | Product category | Catalogue number Leakage current I Δ n (mA) 300 |
|---|---|---|---|---|---|---|
| JEL 6 C40 | 3P+N | 6 | 40 | 2 / 40 | F | **40447** |
| JEL 6 C50 | 3P+N | 6 | 50 | 2 / 40 | F | **40436** |

**Documents corresponding to the product:**
Standard EN61 643-1



**TYPE AC FOR AC CURRENT**




Dimensions (mm)

| C | H1 | H2 | D1 | D2 |
|---|---|---|---|---|
| 5 | 90 | 45 | 43,5 | 58 |

# SURGE ARRESTERS SPD TYPE

7+0 standard +extended | 7 YEAR TOTAL WARRANTY | *for industrial usage, 3 years warranty

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

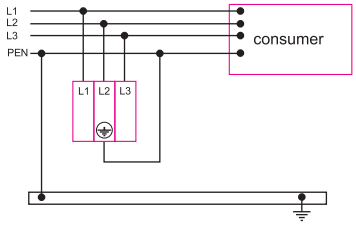
**TECHNICAL DATA:**
- Rated operating voltage Uc: - the operating voltage of the surge arrester 275/440V; 50Hz
- Surge voltage Up: the voltage created in surge arrester terminals at rated discharge current running: according to the tables
- Rated discharge current In – the rated value of discharge current 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

**CONNECTING:**
- flexible or rigid conductors with corresponding section

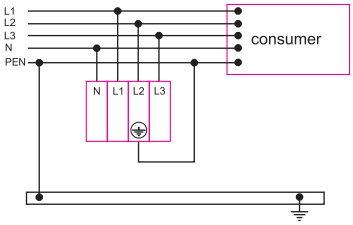
**MOUNTING:**
- on DIN-rail
- mounting position: vertical
- mounting in the distribution box on the front or right before the breaker according to the attached schemes
- Breakers plastic material of UV rays and non-flammable
- Ambient temperature: -10°C + 65°C
- Installation altitude: up to 2000m

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

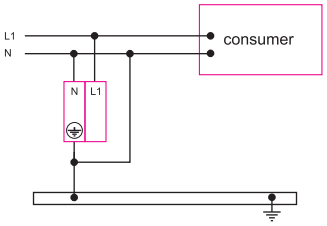
Three phase protection TN-C system



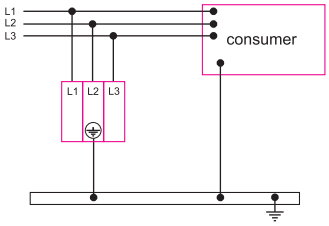

Three phase protection TN-C system




Monophase protection TT system




Three phase protection IT system




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

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***




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



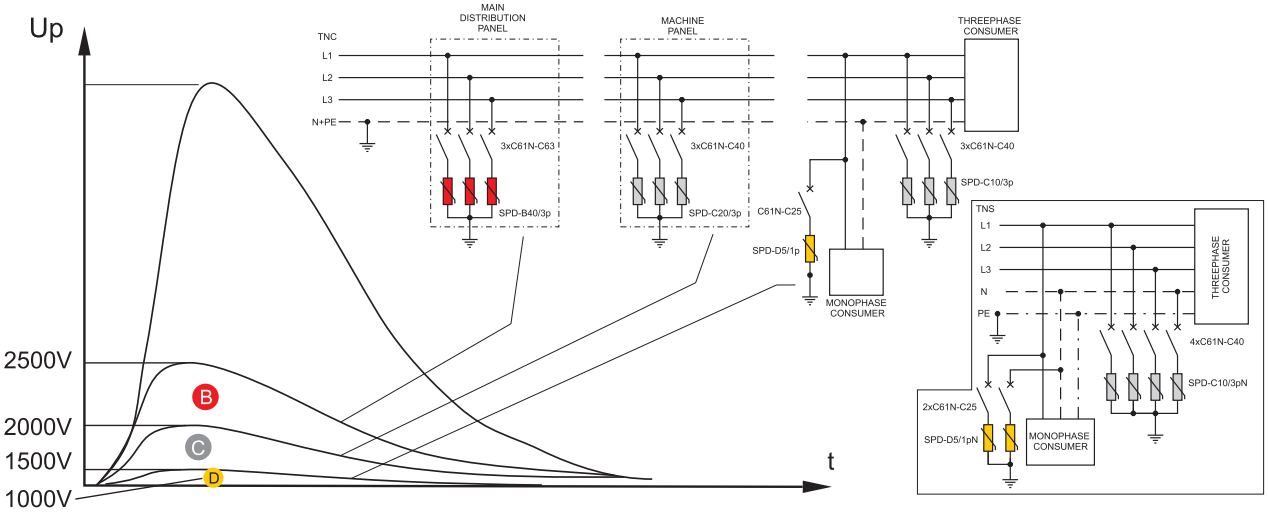

| Type of the arrester | In (kA) | Imax (kA) | Uc (V) | Up (kV) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| SPD-D5/1pN | 5 | 10 | 275 | 1.2 | 8 / 80 | B | **64201** |
| SPD-C10/1pN | 10 | 20 | 275 | 1.2 | 8 / 80 | B | **64202** |
| SPD-C20/1pN | 20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




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




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




*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



## COMBINED SURGE ARRESTERS TYPE 1 + 2

7+0 standard +extended | 7 YEAR TOTAL WARRANTY | *for industrial usage, 3 years warranty

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

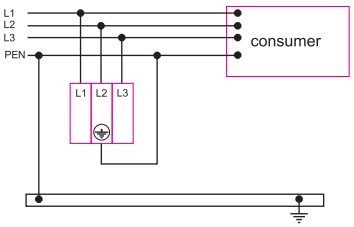
Surge arresters Type 1 is used to catch the energy caused by higher electricity compared to the capacity of direct thunderbolt. The security device has passed a successful test according to the standards with electric wave 10/350 (class 1 test).

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).

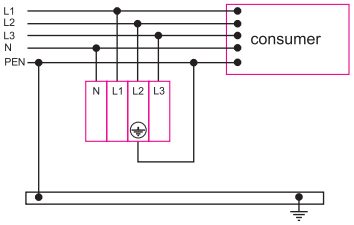
Response time: <25 nS
Voltage protection level: 1,5kV

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

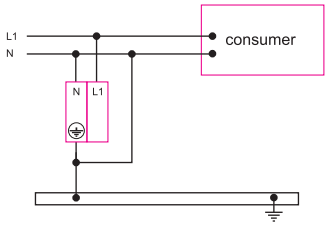
Three phase protection TN-C system




Three phase protection TN-S system




Monophase protection TT system






*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

## COMBINED SURGE ARRESTERS AC – DC

7+0 standard +extended | 7 YEAR TOTAL WARRANTY | *for industrial usage, 3 years warranty

Specially designed surge arresters providing protection of solar and photo - voltaic systems; designed to protect system against overvoltages 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.

**COLOUR CODE** for all types 5кА - yellow; white – 10кА; green – 20 кА and red 30кА



**TYPE AC FOR AC/DC CURRENT**

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



**TYPE AC FOR AC/DC CURRENT**

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



**TYPE AC FOR AC/DC CURRENT**

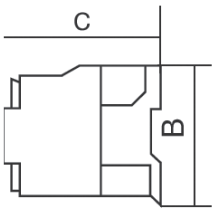
| Type of the arrester | In (kA) | Imax (kA) | Uc (V) | Up (kV) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| SPD-DC-D5/3p | 5 | 10 | 385 AC/500 DC | ≤ 1.2 | 5 / 50 | B | **64305** |
| SPD-DC-C10/3p | 10 | 20 | 385 AC/500 DC | ≤ 1.5 | 5 / 50 | B | **64306**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



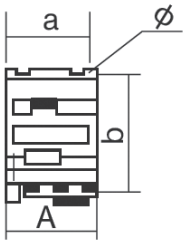
*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

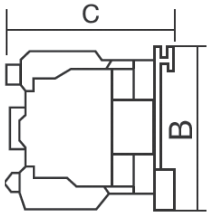
**Documents corresponding to the product:**
Standard EN 60947-1; EN 60 947-4-1
The products are in accordance with the directives of EC "Low voltage directives (LVD) no. 2006/95/EC" and "Electromagnetic Compatibility Directives (EMC) no. 2004/108/EC".



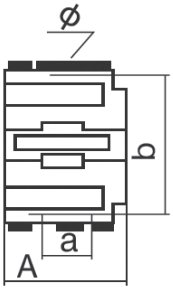



LH1-D 09~32




LH1-D 40




UNTIL SUPPLY LAST

# LOW VOLTAGE CONTACTORS LH1 - D

3+0 standard +extended 3 YEAR TOTAL WARRANTY

LH 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

**TECHNICAL DATA:**
- Operation class: 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: >6000V
- Rated voltage of the coil: from 12 to 400V AC
- Limits of the controlling coil voltage: from 0.8 to 1.15 Uc
- Joining terminal: screw terminal
- Connecting:
  - flexible conductors with or without cable terminal
  - rigid conductors
- Electrical wear resistance (number of cycles):≥500000
- Mechanical wear resistance (number of cycles):≥500000
- Number of cycles per hour: 500 UP TO 32A; 600 for 40-95A
- Pole leaking power: up to 10W

**MOUNTING:**
- on DIN-rail or
- -ith bolts to the surface
- mounting position: vertical gradient – maximum ± 5°
- Ambient temperature: -10°C + 60°C
- Altitude: up to 2000m

| Type | Overall dimensions (mm) | | | | | |
|---|---|---|---|---|---|---|
| | a | b | Φ | A | B | C |
| LH1 - D09-12 | 34/35 | 50/60 | 4.5 | 47 | 70 | 82 |
| LH1 - D2510 | 40 | 48 | 4.5 | 57 | 80 | 95 |
| LH1 - D3210 | 40 | 48 | 4.5 | 57 | 80 | 100 |
| LH1 - D4011 | 40 | 100 | 6.5 | 77 | 126 | 116 |

| Type number | Motor rated capacity (kW) | | | | | Coil capacity (VA) | | Rated current in AC-3 440Vtp up | Tightening moment (N.m) | Coil voltage | Packing/ Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 220V 230V | 380V 400V | 415V | 440V | 660V 690V | closed | open | | | | | | |
| LH1 - D2510 1NO | 5.5 | 11 | 11 | 11 | 15 | 7.5 | 90 | 25A | 2.5 | 230<br>400 | 1/50 | F | **73251**<br>**73252** |
| LH1 - D3210 1NO | 7.5 | 15 | 15 | 15 | 18.5 | 7.5 | 90 | 32A | 2.5 | 230<br>400 | 1/50 | F | **73321**<br>**73322** |
| LH1 - D4011 1NO | 11 | 18.5 | 22 | 22 | 30 | 20 | 200 | 40A | 5 | 230<br>400 | 1/20 | F | **73401**<br>**73402** |

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



# LOW VOLTAGE CONTACTORS LT1-D/HK

5+2 standard +extended 7 YEAR TOTAL WARRANTY *for industrial usage, 3 years warranty

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.

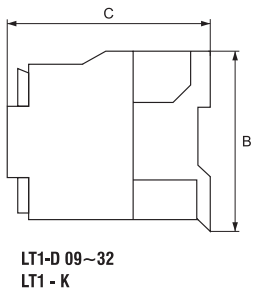
**FUNCTIONS:**
- switching on/off heavy-loaded electrical circuits at controlling signal to the coil
- making of control systems
- used as an operating element in process control panels
- remarkable with high reliability of current characteristics
- reliable separation of power contactors
- secured cover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

**TECHNICAL DATA:**
- 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
- Connecting:
  - flexible conductors with or without cable terminal
  - rigid conductors
- 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

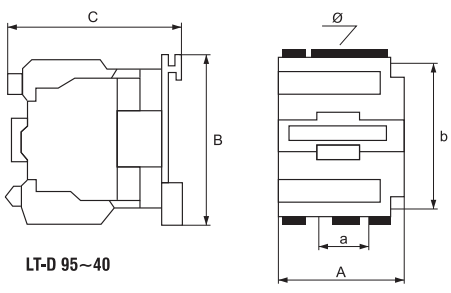
**MOUNTING:**
- on DIN-rail
- with bolts to the surface
- mounting position: vertical gradient – maximum ± 5°
- Plastic: wear resistance of UV rays and non-flammable (self-extinguishing material)
- Ambient temperature: -10°C + 65°C
- Altitude: up to 2000m



| Type | Overall dimensions (mm) | | | | | |
|---|---|---|---|---|---|---|
| | 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



*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

| 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) | Product category | Catalogue number according to the coil voltage (V) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 220V 230V | 380V 400V | 415V | 440V | 660V 690V | closed inrush | open hold | | | | | | 230V | 400V | 12V | 24V | 36V | 48V | 110V |
| 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 | B | **23061E** | **23062E** | **23063E** | **23064E** | **23065E** | **23066E** | **23067E** |
| LT 1 - HK 0910 1NO | 2.2 | 3.7 | 3.7 | 3.7 | 4 | 7 | 60 | 9A | 1.7 | 0.75-2.5 | 1 / 100 | B | **23091E** | **23092E** | **23093E** | **23094E** | **23095E** | **23096E** | **23097E** |
| LT 1 - HK 1210 1NO | 3 | 4 | 4 | 4 | 5 | 7 | 60 | 12A | 1.7 | 0.75-2.5 | 1 / 100 | B | **23121E** | **23122E** | **23123E** | **23124E** | **23125E** | **23126E** | **23127E** |
| 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 | F | | **23062** | **23063** | | **23065** | **23066** | **23067** |
| LT1 - D0910 1NO | 2.2 | 4 | 4 | 4 | 5.5 | 7 | 60 | 9A | 1.7 | 1-4 | 1 / 50 | B | **23091** | **23092** | **23093** | **23094** | **23095** | **23096** | **23097** |
| LT1 - D0901 1NC | 2.2 | 4 | 4 | 4 | 5.5 | 7 | 60 | 9A | 1.7 | 1-4 | 1 / 50 | B | **23273** | **23270** | **23271** | **23272** | **23277** | **23278** | **23279** |
| LT1 - D1210 1NO | 3 | 5.5 | 5.5 | 5.5 | 7.5 | 7 | 60 | 12A | 1.7 | 1-4 | 1 / 50 | B | **23121** | **23122** | **23123** | **23124** | **23125** | **23126** | **23127** |
| LT1 - D1201 1NC | 3 | 5.5 | 5.5 | 5.5 | 7.5 | 7 | 60 | 12A | 1.7 | 1-4 | 1 / 50 | B | **23274** | **23280** | **23281** | **23282** | **23283** | **23284** | **23285** |
| LT1 - D1810 1NO | 4 | 7.5 | 9 | 9 | 10 | 7 | 60 | 18A | 1.7 | 1-4 | 1 / 50 | B | **23181** | **23182** | **23183** | **23184** | **23185** | **23186** | **23187** |
| LT1 - D1801 1NC | 4 | 7.5 | 9 | 9 | 10 | 7 | 60 | 18A | 1.7 | 1-4 | 1 / 50 | B | **23275** | **23286** | **23287** | **23288** | **23289** | **23290** | **23291** |
| LT1 - D2510 1NO | 5.5 | 11 | 11 | 11 | 15 | 7.5 | 90 | 25A | 2.5 | 2.5-10 | 1 / 50 | B | **23251** | **23252** | **23253** | **23254** | **23255** | **23256** | **23257** |
| LT1 - D2501 1NC | 5.5 | 11 | 11 | 11 | 15 | 7.5 | 90 | 25A | 2.5 | 2.5-10 | 1 / 50 | B | **23276** | **23292** | **23293** | **23294** | **23295** | **23296** | **23297** |
| LT1 - D3210 1NO | 7.5 | 15 | 15 | 15 | 18.5 | 7.5 | 90 | 32A | 2.5 | 2.5-10 | 1 / 50 | B | **23321** | **23322** | **23323** | **23324** | **23325** | **23326** | **23327** |
| LT1 - D4011 1NO+1NC | 11 | 18.5 | 22 | 22 | 30 | 20 | 200 | 40A | 5 | 2.5-16 | 1 / 20 | B | **23401** | **23402** | **23403** | **23404** | **23405** | **23406** | **23407** |
| LT1 - D5011 1NO+1NC | 15 | 22 | 25 | 25 | 33 | 20 | 200 | 50A | 5 | 6-25 | 1 / 20 | B | **23501** | **23502** | **23503** | **23504** | **23505** | **23506** | **23507** |
| LT1 - D6511 1NO+1NC | 18.5 | 30 | 37 | 37 | 37 | 20 | 200 | 65A | 5 | 6-25 | 1 / 20 | B | **23651** | **23652** | **23653** | **23654** | **23655** | **23656** | **23657** |
| LT1 - D8011 1NO+1NC | 22 | 37 | 45 | 45 | 45 | 20 | 200 | 80A | 9 | 10-50 | 1 / 15 | B | **23801** | **23802** | **23803** | **23804** | **23805** | **23806** | **23807** |
| LT1 - D9511 1NO+1NC | 25 | 45 | 45 | 45 | 45 | 20 | 200 | 95A | 9 | 10-50 | 1 / 15 | B | **23951** | **23952** | **23953** | **23954** | **23955** | **23956** | **23957** |

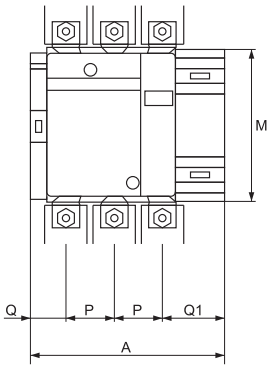
**Note:** *Until supply last - 3 year standard+0 year extended warranty

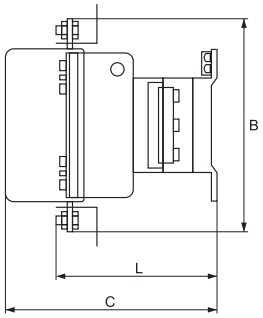


***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

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






# LOW VOLTAGE CONTACTORS LT1-F

5+2 standard +extended **7 YEAR TOTAL WARRANTY** *for industrial usage, 3 years warranty

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

**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
- Connecting:
  - flexible conductors with or without cable terminal
  - rigid conductors
  - rail
- 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
- Mounting:
  - with bolts to the surface
  - mounting position: vertical gradient – maximum± 10°C
- Plastic: wear resistance of UV rays and non-flammable (self-extinguishing material)
- Ambient temperature: -10°C + 65°C
- Altitude: up to 2000m

| Type | Overall dimensions (mm) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 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 |

| 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) | Product category | Catalogue number according to the coil voltage (V) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 220V 230V | 380V 400V | 415V | 440V | 500V | 660V 690V | 1000V | closed | open | | | | | 230V | 400V | 24V* | 36V | 48V | 110V |
| LT1 - F115 | 30 | 55 | 59 | 59 | 59 | 80 | 60 | 45 | 550 | 115 A | 18 | 1 / 4 | B | **23111** | **23112** | **23114** | **23115** | **23116** | **23117** |
| LT1 - F150 | 40 | 75 | 80 | 80 | 90 | 100 | 65 | 45 | 550 | 150 A | 25 | 1 / 4 | B | **23151** | **23152** | **23154** | **23155** | **23156** | **23157** |
| LT1 - F225 | 63 | 110 | 110 | 110 | 129 | 129 | 100 | 55 | 805 | 225 A | 35 | 1 / 2 | B | **23861** | **23862** | | **23865** | **23866** | **23867** |
| LT1 - F265 | 75 | 132 | 140 | 140 | 160 | 160 | 147 | 10 | 700 | 265 A | 35 | 1 / 2 | B | **23261** | **23262** | | **23265** | **23266** | **23267** |
| LT1 - F400 | 110 | 200 | 220 | 250 | 257 | 280 | 185 | 18 | 1000 | 400 A | 50 | 1 / 1 | B | **23751** | **23752** | | | | |
| LT1 - F630 | 200 | 335 | 375 | 400 | 400 | 450 | 450 | 25 | 1500 | 630 A | 50 | 1 / 1 | B | **23771** | **23772** | | | | |
| LT1 - F800 | 250 | 450 | 450 | 450 | 450 | 475 | 450 | 15 | 1300 | 800 A | 50 | 1 / 1 | B | **23881** | **23882** | | | | |

**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.
*Until Supply Last- Product category F

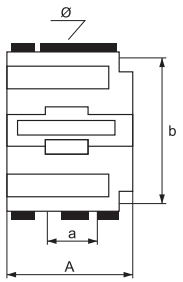
***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

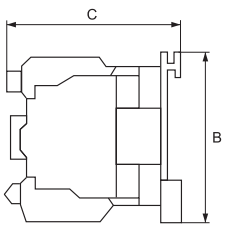
**Documents corresponding to the product:**
Standard EN60947-1; EN 60947-4-1

# LOW VOLTAGE CONTACTORS WITH DIRECT CURRENT COIL LP1-D

5+2 standard +extended 7 YEAR TOTAL WARRANTY *for industrial usage, 3 years warranty






LP1-D 09~95

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

**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
- Connecting:
  - flexible conductors with or without cable terminal
  - rigid conductors
- 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

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

| Type | Overall dimensions (mm) | | | | |
|---|---|---|---|---|---|
| | 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 |

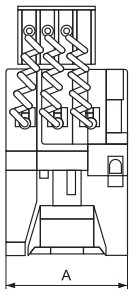
| Type | Rated current (A) | Auxiliary contact (pcs.) | Rated capacity of the consumer (kW) | | | | | Packing/Box (pcs) | Product category | Catalogue number according to the coil voltage (V DC) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 230V | 400V | 415V | 440V | 690V | | | 12V | 24V | 36V | 48V | 110V | 230V |
| LP 1 D0910 | 9 | 1NO | 2.20 | 4.00 | 4.00 | 4.00 | 5.50 | 1/40 | B | **23962** | **23098** | **23130** | **23971** | **23980** | **23139** |
| LP 1 D1210 | 12 | 1NO | 3.00 | 5.50 | 5.50 | 5.50 | 7.50 | 1/40 | B | **23963** | **23128** | **23131** | **23972** | **23981** | **23140** |
| LP 1 D1810 | 18 | 1NO | 4.00 | 7.50 | 7.50 | 7.50 | 10.0 | 1/30 | B | **23964** | **23188** | **23132** | **23973** | **23982** | **23141** |
| LP 1 D2510 | 25 | 1NO | 5.50 | 11.0 | 11.0 | 11.0 | 15.0 | 1/20 | B | **23925** | **23258** | **23133** | **23974** | **23983** | **23142** |
| LP 1 D3210 | 32 | 1NO | 7.50 | 15.0 | 15.0 | 15.0 | 18.5 | 1/30 | B | **23966** | **23328** | **23134** | **23975** | **23984** | **23143** |
| LP 1 D4011 | 40 | 1NO+1NC | 11.0 | 18.5 | 18.5 | 18.5 | 30.0 | 1/10 | B | **23967** | **23408** | **23135** | **23976** | **23985** | **23144** |
| LP 1 D5011 | 50 | 1NO+1NC | 15.0 | 22.0 | 22.0 | 22.0 | 33.0 | 1/10 | B | **23968** | **23508** | **23136** | **23977** | **23986** | **23145** |
| LP 1 D6511 | 65 | 1NO+1NC | 18.5 | 30.0 | 30.0 | 30.0 | 37.0 | 1/10 | B | **23969** | **23658** | **23137** | **23978** | **23987** | **23146** |
| LP 1 D9511 | 95 | 1NO+1NC | 25.0 | 45.0 | 45.0 | 45.0 | 45.0 | 1/10 | B | **23970** | **23958** | **23138** | **23979** | **23988** | **23147** |
| LP 1 F115 | 115 | 1NO | 30.0 | 55.0 | 59.0 | 59.0 | 80.0 | 1/4 | B | | **23118*** | **23914** | **23917** | **23989** | **23148** |
| LP 1 F150 | 150 | 1NO | 40.0 | 75.0 | 80.0 | 80.0 | 100 | 1/4 | B | | **23158*** | **23915** | **23918** | **23990** | **23149** |
| LP 1 F225 | 225 | 1NO | 63.0 | 110 | 110 | 110 | 129 | 1/2 | B | | | **23916** | **23919** | **23994** | **23201** |

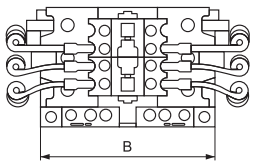
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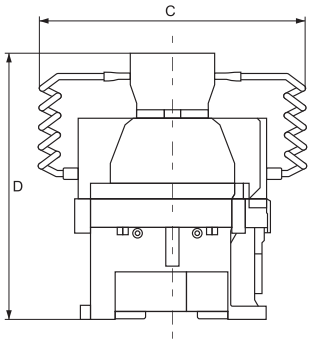
*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

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






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

5+2 standard +extended 7 YEAR TOTAL WARRANTY *for industrial usage, 3 years warranty

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

**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
- Connecting:
  - flexible conductors with or without cable terminal
  - rigid conductors
- 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

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

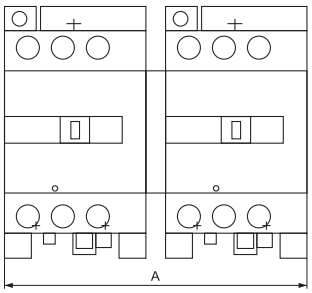
| Type | Overall dimensions (mm) | | | |
|---|---|---|---|---|
| | A | B | C | D |
| CJ19-32 DPK | 56 | 74 | 130 | 150 |
| CJ19-40 DPK | 75 | 127 | 180 | 150 |
| CJ19-65 DPK | 85 | 127 | 200 | 157 |
| CJ19-95 DPK | 85 | 127 | 200 | 157 |
| CJ19-115DPK | 122 | 165 | 230 | 157 |
| CJ19-150DPK | 122 | 165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

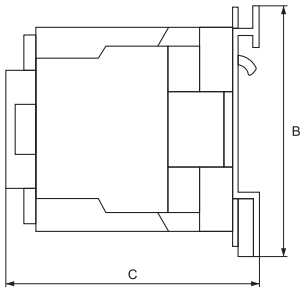
| Type | Rated current (A) | Rated capacity of the consumer (kVAr) | | Coil voltage (V) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| | | 400/440V | 690V | | | | |
| CJ19-32 DPK | 32 | 8 | 12.5 | 230 | 1/20 | B | **23932** |
| CJ19-32 DPK | 32 | 8 | 12.5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

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

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






| Type | Overall dimensions (mm) | | |
|---|---|---|---|
| | 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 |

## REVERSE CONTACTORS LT4-DXX

5+2 standard +extended | 7 YEAR TOTAL WARRANTY | *for industrial usage, 3 years warranty

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

**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
- Connecting:
  - flexible conductors with or without cable terminal
  - rigid conductors

**NOTE:** The contactors are offered without factory cabling
- 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

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

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






| Dimensions (mm) | | | | | |
|---|---|---|---|---|---|
| W | W2 | L1 | h1 | h2 | H |
| 33 | 45 | 48 | 22 | 14 | 59 |

## TIME DELAY CONTACT BLOCK LT02-DXX

5+2 standard +extended | 7 YEAR TOTAL WARRANTY | *for industrial usage, 3 years warranty

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.

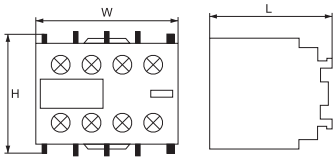
| Type | Number of contacts | Time delay | Delay | Product category | Catalogue number |
|---|---|---|---|---|---|
| LT02-DT0 | NO+NC | 0.1~3s | ON | B | **23901** |
| LT02-DT2 | NO+NC | 0.1~30s | ON | B | **23902** |
| LT02-DT4 | NO+NC | 10~180s | ON | B | **23903** |
| LT02-DT22 | NO+NC | 0.1~30s |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



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




Dimensions (mm)

| H | W | L | W1 | W2 |
|---|---|---|---|---|
| 32 | 40 | 35 | 26 | 45 |
| H2 | L1 | L2 | | |
| 48 | 6,5 | 37 | | |

## AUXILIARY CONTACTS

5+2 standard +extended 7 YEAR TOTAL WARRANTY *for industrial usage, 3 years warranty

**AUXILIARY CONTACTS**
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
- Operation class: AC 3
- insulation voltage: 690V
- Joining terminal: screw terminal
- Connecting:
  - flexible conductors with or without cable terminal
  - rigid conductors

**MOUNTING:**
- on the movable cover of the contactor through pinching
- mounting position: vertical gradient – maximum± 5°
- Plastic: wear resistance of UV rays and non-flammable (self-extinguishing material)

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




Dimensions (mm)

| W1 | W2 | H | L | A |
|---|---|---|---|---|
| 73 | 48 | 22 | 12,5 | 72 |

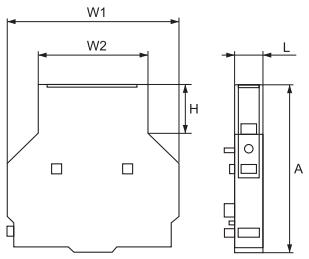
## AUXILIARY CONTACTS LT03-DN11

5+2 standard +extended 7 YEAR TOTAL WARRANTY *for industrial usage, 3 years warranty

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 CHARACTERISTICS:**
- Environment operational regime: AC 3
- Insulation voltage: 690V
- Double connector: screw connector
- Connection:
  - flexible conductors with or without cable end
  - solid conductors
- Mounting method:
  - mounting position – sideward to the contactor
- Plastic: resistant to UV and non-burning (self-extinguishing material)

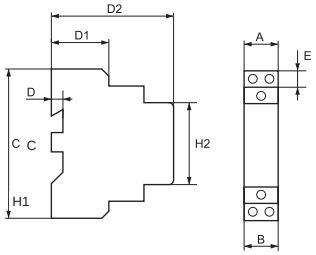



| Type | Rated current | Section of the conductor ($mm^2$) | Product category | Catalogue number |
|---|---|---|---|---|
| LT03-DN11 | 6A | 0,5-1 | B | **23311** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

**Documents corresponding to the product:**
Standard EN 61095

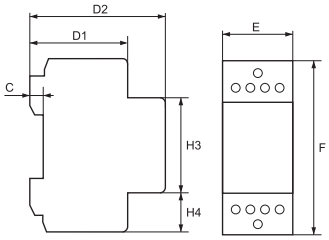



Dimensions (mm)

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




Dimensions (mm)

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

## MODULE CONTACTORS K SERIES

5+2 standard +extended | 7 YEAR TOTAL WARRANTY | *for industrial usage, 3 years warranty

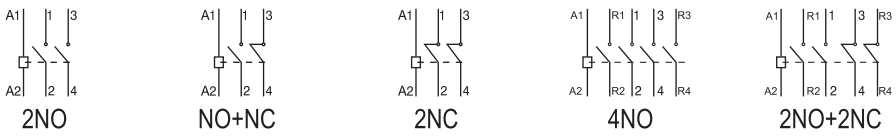
Modular contactors K series are used for commutation of mono-phase and three-phase low power electrical consumers. They provide connection between the consumers in small overall dimensions, silent work, mounting only at DIN-rails.

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

**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
- Connecting:
  - flexible conductors with or without cable terminal
  - rigid conductors

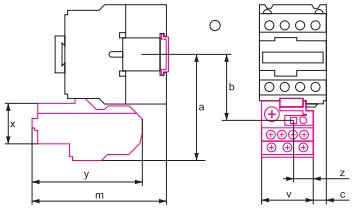
**MOUNTING:**
- on DIN-rail or
- mounting position: vertical gradient – maximum± 5°
- Plastic: wear resistance of UV rays and non-flammable (self-extinguishing material)
- Ambient temperature: -10°C + 65°C
- Altitude: up to 2000m

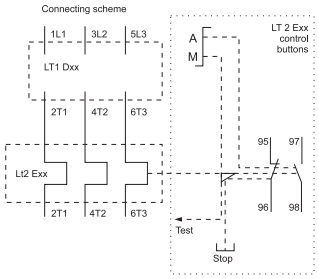
| Type | In | Coil voltage (V) | Contacts | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| K20 | 20A | 230V | 2NO | 1/12/120 | B | **23008** |
| K20 | 20A | 230V | NO+NC | 1/12/120 | B | **23007** |
| K20 | 20A | 230V | 2NC | 1/12/120 | B | **23009** |
| K20 | 25A | 230V | NO+NC | 1/12/100 | B | **23012** |
| K20 | 25A | 230V | 2NO | 1/12/100 | B | **23013** |
| K20 | 25A | 230V | 2NC | 1/10/100 | B | **23014** |
| K20 | 40A | 230V | NO+NC | 1/6/60 | B | **23015** |
| K20 | 40A | 230V | 2NO | 1/6/60 | B | **23016** |
| K20 | 40A | 230V | 2NC | 1/6/60 | B | **23017** |
| K20 | 100A | 230V | 2NO | 1/4/40 | B | **23080** |
| K20 | 100A | 230V | 1NO+1NC | 1/4/40 | B | **23083** |
| K20 | 100A | 230V | 2NC | 1/4/40 | B | **23084** |
| K40 | 25A | 230V | 2NO+2NC | 1/6/60 | B | **23410** |
| K40 | 25A | 230V | 3NO+1NC | 1/6/60 | B | **23411** |
| K40 | 25A | 230V | 4NO | 1/6/60 | B | **23412** |
| K40 | 25A | 230V | 4NC | 1/6/60 | B | **23413** |
| K40 | 40A | 230V | 2NO+2NC | 1/4/40 | B | **23422** |
| K40 | 40A | 230V | 3NO+1NC | 1/4/40 | B | **23423** |
| K40 | 40A | 230V | 4NO | 1/4/40 | B | **23409** |
| K40 | 40A | 230V | 4NC | 1/4/40 | B | **23424** |
| K40 | 63A | 230V | 2NO+2NC | 1/4/40 | B | **23425** |
| K40 | 63A | 230V | 3NO+1NC | 1/4/40 | B | **23426** |
| K40 | 63A | 230V | 4NO | 1/4/40 | B | **23427** |
| K40 | 63A | 230V | 4NC | 1/4/40 | B | **23428** |
| K40 | 80A | 230V | 4NO | 1/2/20 | B | **23480** |
| K40 | 80A | 230V | 2NO+2NC | 1/2/20 | B | **23483** |
| K40 | 80A | 230V | 4NC | 1/2/20 | B | **23484** |
| K40 | 80A | 230V | 3NO+1NC | 1/2/20 | B | **23485** |

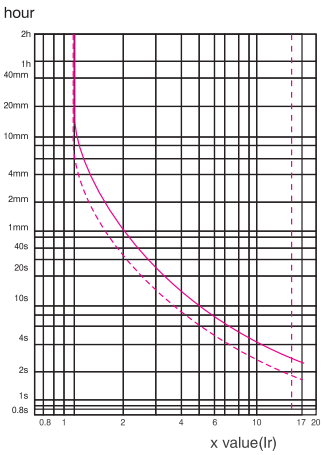



*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

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




# THERMAL OVERLOAD RELAYS

5+2 standard +extended **7 YEAR TOTAL WARRANTY** *for industrial usage, 3 years warranty

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

**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
- 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
- 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

**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 – maximum ± 5°
- Plastic: wear resistance of UV rays and non-flammable (self-extinguishing material)
- Ambient temperature: -10°C + 65°C
- Installation altitude: up to 2000m

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

| Type | Dimensions (mm) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | a | b | c | m | x | y | v | z |
| LT 2 - Kxx | 81 | 50 | 0 | 98 | 47 | 92 | 44 | 17 |
| LT 2 - E13xx | 86 | 55 | 10.7 | 108 | 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 |



*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



| For contactor LT1-K06 type | Motor capacity (kW) 220V 230V | 380V 400V | 660V 690V | Rated current (A) | Protection adjustment range | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| LT2-K0303 | - | - | - | 0.30 | 0.25 - 0.30 | 1 / 100 | B | **13403** |
| LT2-K0306 | - | 0.37 | 1.10 | 1.20 | 0.80 - 1.20 | 1 / 100 | B | **13406** |
| LT2-K0307 | 0.37 | 0.75 | 1.50 | 1.80 | 1.20 - 1.80 | 1 / 100 | B | **13407** |
| LT2-K0308 | 0.75 | 1.10 | 2.20 | 2.60 | 1.80 - 2.60 | 1 / 100 | B | **13408** |
| LT2-K0310 | 1.10 | 1.50 | 3.00 | 3.70 | 2.60 - 3.70 | 1 / 100 | B | **13410** |
| LT2-K0312 | 1.10 | 2.20 | 4.00 | 5.50 | 3.70 - 5.50 | 1 / 100 | B | **13411** |
| LT2-K0314 | 2.20 | 4.00 | 5.50 | 8.00 | 5.50 - 8.00 | 1 / 100 | B | **13412** |
| LT2-K0316 | 3.00 | 5.00 | 7.50 | 11.5 | 8.00 - 11.5 | 1 / 100 | B | **13413** |



UNTIL SUPPLY **LAST**

| For contactor LT1-K06 type | Rated current (A) | Protection adjustment range | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| LT2-K0301* | 0.16 | 0.10 - 0.16 | 1 / 100 | F | **13401** |
| LT2-K0302* | 0.25 | 0.16 - 0.25 | 1 / 100 | F | **13402** |
| LT2-K0304* | 0.54 | 0.30 - 0.54 | 1 / 100 | F | **13404** |
| LT2-K0305* | 0.80 | 0.54 - 0.80 | 1 / 100 | F | **13405** |

*3 year standard+0 year extended warranty



| 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) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| LT2-E1301 | - | - | - | 0.16 | 0.10 - 0.16 | 1 / 100 | B | **13001** |
| LT2-E1302 | - | - | - | 0.25 | 0.16 - 0.25 | 1 / 100 | B | **13002** |
| LT2-E1303 | - | - | - | 0.40 | 0.25 - 0.40 | 1 / 100 | B | **13003** |
| LT2-E1304 | - | - | 0.37 | 0.63 | 0.40 - 0.63 | 1 / 100 | B | **13004** |
| LT2-E1305 | - | - | 0.55 | 1.00 | 0.63 - 1.00 | 1 / 100 | B | **13005** |
| LT2-E1306 | - | 0.37 | 1.10 | 1.60 | 1.0 - 1.60 | 1 / 100 | B | **13006** |
| LT2-E1307 | 0.37 | 0.75 | 1.50 | 2.50 | 1.6 - 2.50 | 1 / 100 | B | **13007** |
| LT2-E1308 | 0.75 | 1.50 | 3.00 | 4.00 | 2.5 - 4.00 | 1 / 100 | B | **13008** |
| LT2-E1310 | 1.10 | 2.20 | 4.00 | 6.00 | 4.0 - 6.00 | 1 / 100 | B | **13010** |
| LT2-E1312 | 2.00 | 3.70 | 5.50 | 8.00 | 5.5 - 8.00 | 1 / 100 | B | **13012** |
| LT2-E1314 | 2.20 | 4.00 | 7.50 | 10.0 | 7.0 - 10.0 | 1 / 100 | B | **13014** |
| LT2-E1316 | 3.70 | 5.50 | 11.0 | 13.0 | 9.0 - 13.0 | 1 / 100 | B | **13016** |
| LT2-E1321 | 4.00 | 7.50 | 15.0 | 18.0 | 12.0 - 18.0 | 1 / 100 | B | **13021** |
| LT2-E1322 | 5.50 | 9.00 | 18.5 | 25.0 | 17.0 - 25.0 | 1 / 100 | B | **13022** |
| LT2-E1353 | 9.00 | 11.0 | 18.5 | 33.0 | 23.0 - 32.0 | 1 / 100 | B | **13053** |



***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



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



| 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) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| LT2-E3355 | 18.5 | 18.5 | 30 | 40 | 30.0 - 40.0 | 1 / 50 | B | **13355** |
| LT2-E3357 | 22 | 22 | 30 | 50 | 37.0 - 50.0 | 1 / 50 | B | **13357** |
| LT2-E3359 | 30 | 30 | 37 | 65 | 48.0 - 65.0 | 1 / 50 | B | **13359** |
| LT2-E3363 | 45 | 45 | 55 | 80 | 63.0 - 80.0 | 1 / 50 | B | **13363** |
| LT2-E3365 | 55 | 55 | 75 | 93 | 80.0 - 93.0 | 1 / 50 | B | **13365** |

| 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) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| LT2-F4367 | 40 | 75 | 100 | 150 | 90-150 | 1/30 | B | **13367** |



| 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) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| LT2-F4368 | 63 | 110 | 129 | 220 | 132-220 | 1/30 | B | **13368** |
| LT2-F4369 | 100 | 160 | 220 | 330 | 200-330 | 1/18 | B | **13369** |
| LT2-F4370 | 147 | 250 | 335 | 500 | 300-500 | 1/18 | B | **13370** |

| For contactor LT1-F630 | Motor capacity (kW) 220V 230V | 380V 400V | 660V 690V | Rated current (A) | Protection adjustment range | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| LT2-F4371 | 200 | 335 | 450 | 630 | 380-630 | 1/18 | B | **13371** |

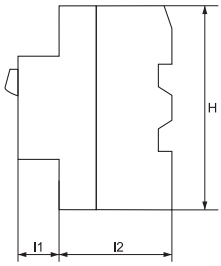
***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

# THERMOMAGNETIC AUTOMATIC BREAKER TM2/TM3

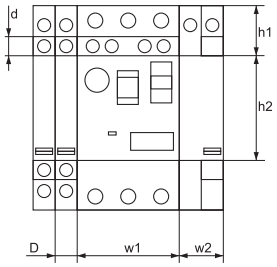
5+2 standard +extended 7 YEAR TOTAL WARRANTY *for industrial usage, 3 years warranty



**Dimensions**




**Auxiliary contact** **UVR**




Dimensions (mm)

| H | l1 | l2 | d | D |
|---|---|---|---|---|
| 89 | 16 | 50 | 10 | 9,2 |
| w1 | w2 | h1 | h2 | |
| 44,5 | 18 | 22 | 45 | |

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:**

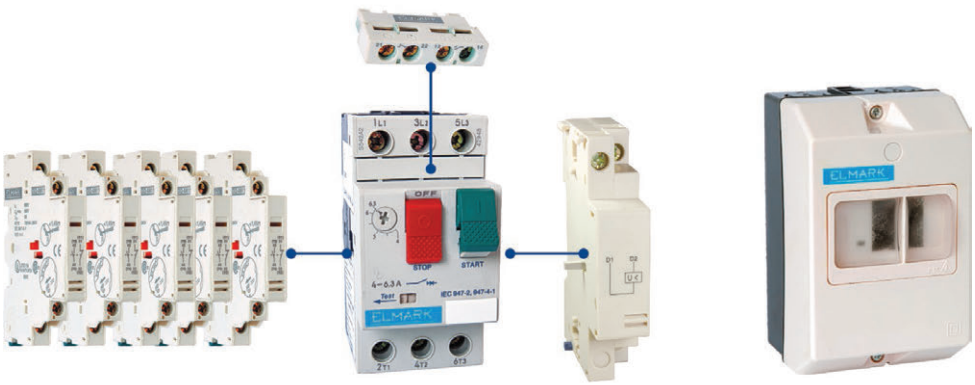
- switching off alternating current consumers at current overload
- switching off the electrical circuit to the consumer at inlet short circuit
- protects the motor at lack/lowering of the phase voltage (if there is under voltage release)
- used as a protective operating element in control panels of 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

**TECHNICAL DATA:**

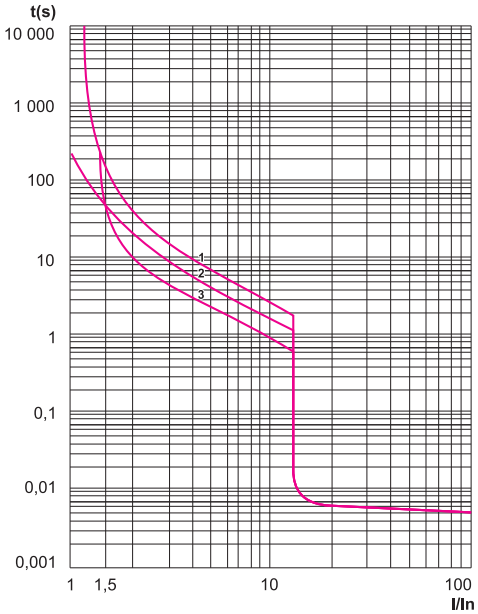
- Rated operating voltage: up to 690V AC; 50/60 Hz
- Rated operating current range: from 0.1 to 80A according to the type in table 1
- insulation voltage: 690V
- Surge voltage wear resistance:≥6000V
- Joining terminal: screw terminal
- Connecting:
  - flexible or rigid conductors with or without cable 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
- 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

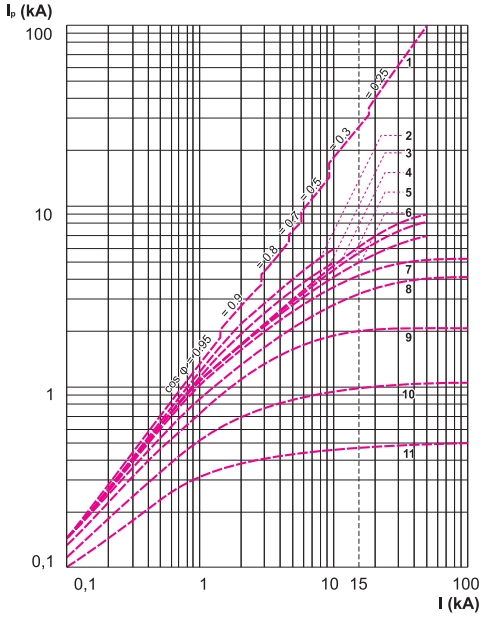
**MOUNTING:**

- mounting to DIN-rail
- mounting position: vertical gradient – maximum± 5°
- Plastic: wear resistance of UV rays and non-flammable (self-extinguishing material)
- Ambient temperature: -10°C + 65°C
- Altitude: up to 2000m



*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*




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

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

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

## VOLTAGE RELEASE (VR) FOR TM2

5+2 standard +extended | 7 YEAR TOTAL WARRANTY | *for industrial usage, 3 years warranty

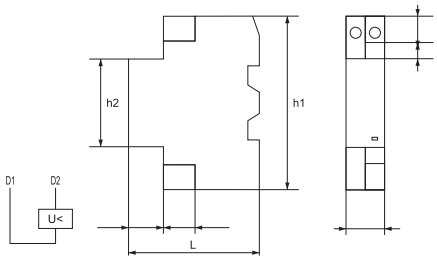


| Type | Voltage (V) | Product category | Catalogue number |
|---|---|---|---|
| TM2 AU225 | 230 | B | **48099** |
| TM3 AU385 | 400 | B | **48098** |

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



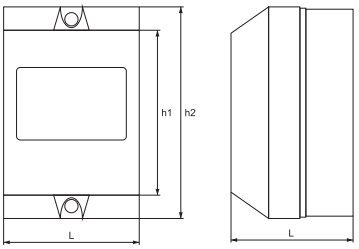

**Documents corresponding to the product:**
Standard EN 60529

## WATERTIGHT BOX FOR TM2-E



| Type | Product category | Catalogue number |
|---|---|---|
| TM2 E | B | **8083** |

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






*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



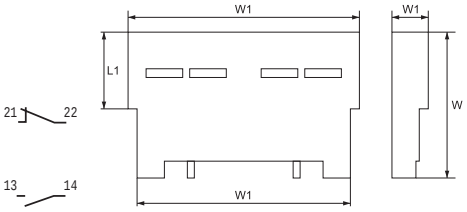
## AUXILIARY CONTACT BLOCK TM2 AE11-FRONT MOUNTING

5+2 standard +extended 7 YEAR TOTAL WARRANTY *for industrial usage, 3 years warranty

| Type | Product category | Catalogue number |
|---|---|---|
| TM2 AE11 | B | **48912** |

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.

- Mounting:
  - laterally to a breaker TM2-Exx
- Plastic: wear resistance of UV rays and non-flammable (self-extinguishing material)
- Ambient temperature: -10°C + 65°C
- Altitude: up to 2000m





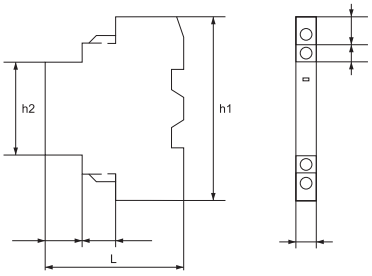

## AUXILIARY CONTACT BLOCK TM2 AE11-SIDE MOUNTING

5+2 standard +extended 7 YEAR TOTAL WARRANTY *for industrial usage, 3 years warranty

| Type | Product category | Catalogue number |
|---|---|---|
| TM2 AN11 | B | **48911** |
| TM3 AN11 | B | **48913** |

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.

- Mounting:
  - laterally to a breaker TM2-Exx
- Plastic: wear resistance of UV rays and non-flammable (self-extinguishing material)
- Ambient temperature: -10°C + 65°C
- Altitude: up to 2000m






*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

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



with thermal overload relays

## STARTERS FOR DIRECT START

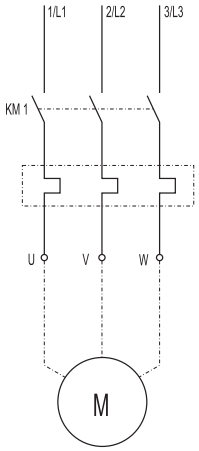
5+2 standard +extended 7 YEAR TOTAL WARRANTY *for industrial usage, 3 years warranty

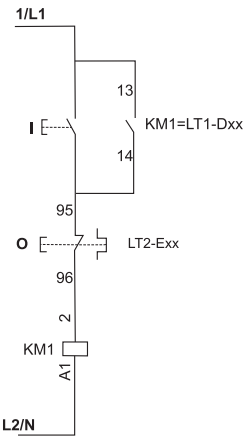
The electromagnetic starters LT 5 Dxx series are devices designed for remote control, direct control and protection of induction motors or other electrical consumers. They are a combination of contactors LT 1 Dxx series and thermal protection LT 2 Exx factory cabled. The starters are offered on the market 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

**TECHNICAL DATA:**
- Rated voltage of the controlling voltage: 230/400V AC; 50/60 Hz

**NOTE:** In case you need different controlling coils voltage of the starters you can turn to our regional representatives.
- 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
- 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
- Possibility for range adjustment of the protection activating
- IP code: IP 44
- Possibility for operation at higher frequency
- Mounting:
  - mounting to a flat surface (wall) with bolts/screws
  - mounting position: vertical gradient, maximum± 5°
- 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

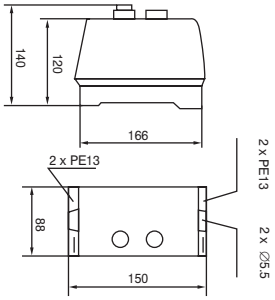





*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

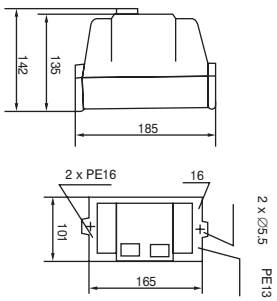





| Type | Rated capacity of motors 50/60Hz AC-3 category 220V 230V | 380V 400V | 415V 440V | Rated current (A) | Thermal relay adjustment range | Coil voltage (V) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| LT5 D093 | 2.2 | 4.0 | 4.0 | 9 | 7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

**Note:** Upon request the thermal relay will be replaced

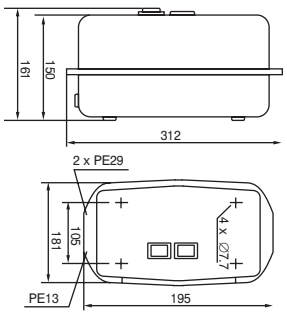





| Type | Rated capacity of motors 50/60Hz AC-3 category 220V 230V | 380V 400V | 415V 440V | Rated current (A) | Thermal relay adjustment range | Coil voltage (V) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| LT5 D255 | 5.5 | 11 | 11 | 25 | 17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

**Note:** Upon request the thermal relay will be replaced






| 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) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| LT5 D405 | 11.0 | 18.5 | 22 | 40 | 30 .. 40A | 230 | 1/6 | B | **43401** |
| | | | | | | 400 | 1/6 | B | **43402** |
| LT5 D655 | 18.5 | 30.0 | 37 | 65 | 48 .. 65A | 230 | 1/6 | B | **43651** |
| | | | | | | 400 | 1/6 | B | **43652** |
| LT5 D955 | 25.0 | 45.0 | 45 | 95 | 80 .. 93A | 230 | 1/6 | B | **43951** |
| | | | | | | 400 | 1/6 | B | **43952** |

**Note:** Upon request the thermal relay will be replaced

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

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



# "STAR/DELTA"STARTER

5+2 standard +extended 7 YEAR TOTAL WARRANTY *for industrial usage, 3 years warranty

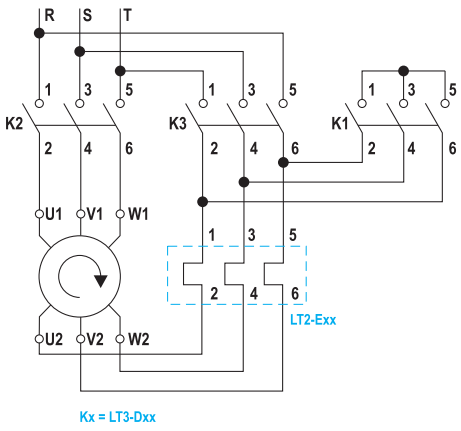
The electromagnetic starters LT 3 Dxx series are devices designed for remote control, direct control and protection of induction motors coiled and operating according to a starter scheme "star/delta". They are a combination of three contactors LT 1 Dxx series, time relay and a set of buttons "start" 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 on the market in two types:
- closed type – metal boxes providing the corresponding IP code from dust and moisture (IP 54) as at mounting there should be provided protection of the device from short circuit through breakers or disconnectors
- 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

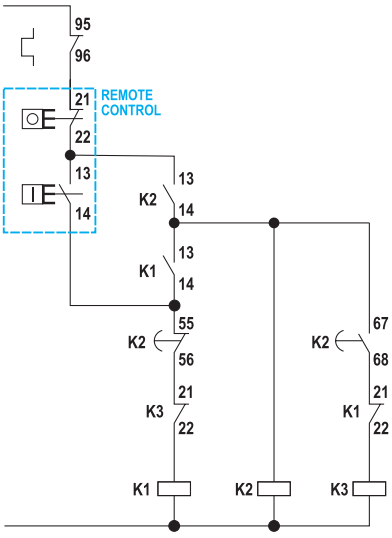
The starters are offered on the market without mounted thermal protection which is purchased separately according to the motor capacity. The choice of a suitable protection prevents motor's operation at unusual temperature conditions and guarantees maximum constant operation, increases the effectiveness 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

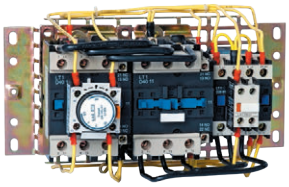
**TECHNICAL DATA:**
- Rated voltage of the controlling voltage: 400V AC; 50/60 Hz

**NOTE:** In case you need different controlling coils voltage of the starters you can turn to our regional representatives.
- 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
- 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
- Possibility for operation at higher frequency
- IP code: IP54
- Mounting:
  - mounting to a flat surface (wall) with bolts/screws
  - mounting position: vertical gradient, maximum± 5°
- The metal body is covered with corrosion-proof paint
- Ambient temperature: -10°C + 65°C
- Altitude: up to 2000m




*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



| Type designation (without a box) | Overall dimensions (mm) | | |
|---|---|---|---|
| | 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 |

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

**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.



| Type designation (with box) | Overall dimensions (mm) | | |
|---|---|---|---|
| | height | width | depth |
| LT 3 -B-D25A | 370 | 240 | 160 |
| LT 3 -B-D32A | 370 | 240 | 160 |
| LT 3 -B-D40A | 470 | 265 | 160 |
| LT 3 -B-D65A | 470 | 265 | 160 |
| LT 3 -B-D95A | 470 | 265 | 160 |

| Type designation (with box) | Rated capacity (kW) | | | | Rated current (A) | Coil voltage (V AC) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| | 220V 230V | 380V 400V | 415V | 440V | | | | | |
| LT 3 - B - D25A | 11 | 15 | 15 | 15 | 25 | 400 | 1 / 4 | B | **43254** |
| LT 3 - B - D32A | 15 | 18.5 | 18.5 | 18.5 | 32 | 400 | 1 / 4 | B | **43255** |
| LT 3 - B - D40A | 18.5 | 22 | 22 | 22 | 40 | 400 | 1 / 2 | B | **43256** |
| LT 3 - B - D65A | 30 | 55 | 55 | 55 | 65 | 400 | 1 / 4 | B | **43257** |
| LT 3 - B - D95A | 37 | 75 | 75 | 75 | 95 | 400 | 1 / 2 | B | **43258** |

**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.

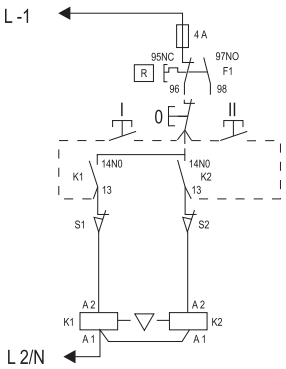


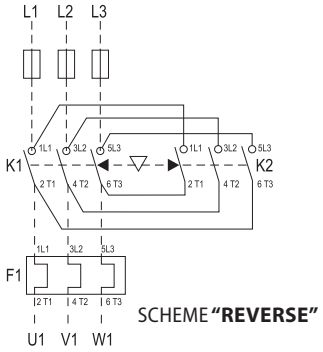
***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

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



with thermal overload relays




SCHEME **"REVERSE"**

# REVERSE STARTER

5+2 standard +extended **7 YEAR TOTAL WARRANTY** *for industrial usage, 3 years warranty

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

**TECHNICAL DATA:**
- Rated voltage of the controlling voltage: 400V AC; 50/60 Hz

**NOTE:** In case you need different controlling coils voltage of the starters you can turn to our regional representatives.
- 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
- 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
- Possibility for operation at higher frequency
- IP code: IP 44
- Mounting:
  - mounting to a flat surface (wall) with bolts/screws
  - mounting position: vertical gradient, maximum± 5°
- The metal body is covered with corrosion-proof paint
- Ambient temperature: -10°C + 65°C
- Altitude: up to 2000m

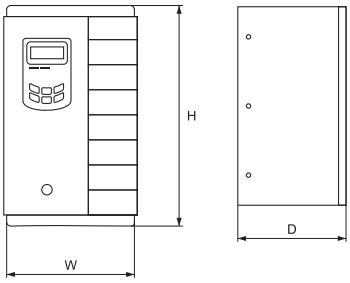
| Type designation (with a box) | Rated capacity (kW) | | | | Overall dimensions (mm) | | | Rated current (A) | Coil voltage (V AC) | Packing/ Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 220V 230V | 380V 400V | 415V | 440V | height | width | depth | | | | | |
| LT 4 - B - D25A | 11.0 | 15.0 | 15.0 | 15.0 | 240 | 240 | 160 | 25 | 400 | 1 / 8 | B | **43001** |
| LT 4 - B - D32A | 15.0 | 18.5 | 18.5 | 18.5 | 240 | 240 | 160 | 32 | 400 | 1 / 4 | B | **43002** |
| LT 4 - B - D40A | 18.5 | 22.0 | 22.0 | 22.0 | 270 | 265 | 160 | 40 | 400 | 1 / 2 | B | **43003** |
| LT 4 - B - D65A | 30.0 | 55.0 | 55.0 | 55.0 | 270 | 265 | 160 | 65 | 400 | 1 / 4 | B | **43004** |
| LT 4 - B - D95A | 37.0 | 75.0 | 75.0 | 75.0 | 270 | 265 | 160 | 95 | 400 | 1 / 4 | B | **43005** |
| LT 4 - B - D25A | 11.0 | 15.0 | 15.0 | 15.0 | 240 | 240 | 160 | 25 | 230 | 1 / 4 | B | **43006** |
| LT 4 - B - D32A | 15.0 | 18.5 | 18.5 | 18.5 | 240 | 240 | 160 | 32 | 230 | 1 / 4 | B | **43007** |
| LT 4 - B - D40A | 18.5 | 22.0 | 22.0 | 22.0 | 270 | 265 | 160 | 40 | 230 | 1 / 4 | B | **43008** |
| LT 4 - B - D65A | 30.0 | 55.0 | 55.0 | 55.0 | 270 | 265 | 160 | 65 | 230 | 1 / 4 | B | **43009** |
| LT 4 - B - D95A | 37.0 | 75.0 | 75.0 | 75.0 | 270 | 265 | 160 | 95 | 230 | 1 / 4 | B | **43010** |



***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

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






# ELM 2000+ FREQUENCY INVERTERS

3+2 standard +extended 5 YEAR TOTAL WARRANTY

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 FEATURES:**

- 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, SLV-SENSORLESS 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-PNP selectable) 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, non-corrosive
  - Altitude- 1000 m, above 1% derating / 100m
  - Vibration- Max. 0,5 g

**Type of sign**
**ELM2000+ 0015 T3**

- power supply code: T3=three-phase; S2= single phase
- motor power
- inverter model

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*




LCD REMOTE FRAMESIZE
KEYPAD FOR CABINET IP66
**423432P**



CABLE FOR REMOTE KEYPAD
IP66 - 1.5meter
**423433P**



PARAMETER
COPY STICK
**423434P**

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

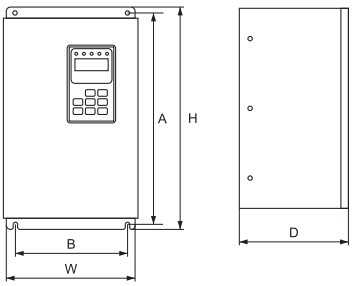
*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

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

# ELM 1000 FREQUENCY INVERTERS

3+0 standard +extended 3 YEAR TOTAL WARRANTY




| Type | Overall dimensions (mm) | | | | | |
|---|---|---|---|---|---|---|
| | H | W | A | B | D | d |
| G0007S2B | 150 | 105 | 139 | 94 | 120 | Ø4 |
| G0015S2B | 170 | 125 | 160 | 114 | 140 | Ø5 |
| G0022S2B | 170 | 125 | 160 | 114 | 140 | Ø5 |
| G0007T3B | 170 | 125 | 160 | 114 | 140 | Ø5 |
| G0015T3B | 170 | 125 | 160 | 114 | 140 | Ø5 |
| G0022T3B | 170 | 125 | 160 | 114 | 140 | Ø5 |
| G0037T3B | 250 | 162 | 233 | 145 | 150 | Ø6 |
| G0040T3B | 250 | 162 | 233 | 145 | 150 | Ø6 |
| G0055T3B | 300 | 200 | 282 | 182 | 160 | Ø6 |
| G0075T3B | 300 | 200 | 282 | 182 | 160 | Ø6 |
| G0110T3C | 340 | 225 | 322 | 160 | 220 | Ø6 |
| G0150T3C | 380 | 230 | 362 | 186 | 225 | Ø6 |

UNTIL SUPPLY **LAST**

Frequency inverters are designed to control three-phase induction motors with short-circuited rotor. They provide for the implementation of some control laws, thus becoming an indispensable part of the control systems for conveyors and packaging machines, pumps, air conditioning systems, etc. The ELM 1000 inverter provides the so-called no-sensor control, V/f control and impulse control while the output load can reach up to 150% within 60 seconds. It features easy definition of curves and easy parameters setting of inverter through the use of control panel buttons. The inverter can auto calibrate according to the motor power, i.e. if the inverter is connected to a motor with power different from that set by the inverter manufacturer, it automatically adjusts its programmable parameters to suit the motor parameters.

**FUNCTIONS:**
- rotation speed increase – automatic and manual
- sliding compensation: from 0 to 20%
- no-sensor control of the motor
- adjustment of the V/F control curve – linear or quadratic
- energy saving through automatic optimization of the V/F curve
- PID control law implementation option
- omission of resonance frequencies
- JOG function
- 'counter' function
- automatic restart option in case of power supply failure
- fifteen speed degrees control option
- control choice from the control panel; external or COM terminal
- frequency control from the control panel, external potentiometer by current or by voltage
- auto-calibration in accordance with the switched motor
- incoming signals on clockwise or counter-clockwise rotation, multi-step control, restart, etc.
- outgoing discrete control signal 24V
- outgoing analogue control signal 0 – 10V
- DC brake in static mode
- dynamic breaking with external breaking resistor – used in inert electric motor load
- output voltage adjustment option
- activation of output safety functions option
- electronic motor protection

**TECHNICAL FEATURES:**
- Rated working voltage: 230/400V AC; 50 Hz
- Permissible working voltage deviation: ±10%
- Unbalance of phases: < 3%
- Frequency fluctuation: < 5%
- Output frequency: 0 – 400 Hz
- Output voltage: from 0 to Ubx max
- Overload capacity:
  - constant: up to 110%
  - momentary: up to 150%
- Precision of output frequency adjustment: 0.1%
- Type of connection:
  - the connection of the inverter to the power supply should always be done through a circuit breaker of the MCB or MCCB type
  - connection of consumer to power terminals: through conductors suitable for the power
  - connection of control circuits: flexible conductor up to 1.5 $mm^2$

**NOTE:** It is not recommendable to mount contactors or other commutation devices between the frequency inverter and the motor, except as described in the product passport.
- Mounting:
  - mounting to a flat surface by means of bolts
  - mounting position – vertical gradient maximum ± 5°

**NOTE:** When more than one inverter 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)
- Ambient temperature: -10° to 65° C
- Altitude : up to 2000 m
- Function enhancement option: through the inclusion of additional modules

| Type | Input voltage (V) | Maximum output power (kW) | Maximum current output (A) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| ELM1000-G0007T3B | 400 | 0.75 | 2 | 1 / 4 | F | **423307M** |
| ELM1000-G0037T3B | 400 | 3.7 | 8 | 1 / 1 | F | **423337M** |
| ELM1000-G0040T3B | 400 | 4.0 | 9 | 1 / 1 | F | **423340M** |
| ELM1000-G0110T3C | 400 | 11 | 23 | 1 / 1 | F | **423391M** |
| ELM1000-G0150T3C | 400 | 15 | 32 | 1 / 1 | F | **423392M** |

**Type of sign**
**ELM1000- G -0150 T3 C**
- lid type code: C=metal clips; B=plastic lid
- power supply code: T3=three-phase; S2= single phase
- motor power
- inverter type: G=constant momentum
- inverter model

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



# SOFT STARTER ELM 2500

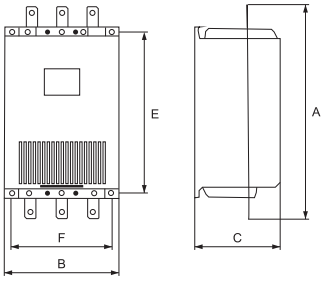
3+2 standard +extended 5 YEAR TOTAL WARRANTY

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 stardelta 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.

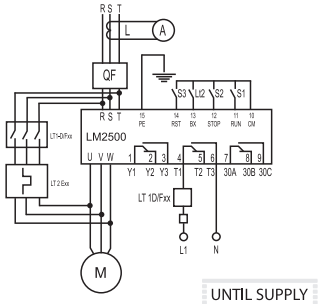
**FUNCTIONS:**
- System functions
  - over-voltage protection – motor will switch off when power supply exceeds the preset limits
  - overload protection – protects the motor from overloading
  - phase loss protection
  - temperature overload protection
- Control functions
  - output faults
  - motor faults diagnostics
  - keyboard or outward control
  - delayed start option
  - faults memory

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




| Type | Overall dimensions (mm) | | | | | |
|---|---|---|---|---|---|---|
| | 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 |




UNTIL SUPPLY LAST

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



## COMPLEX COMPENSATING DEVICES

3+2 standard +extended 5 YEAR TOTAL WARRANTY

The use of electrical energy in industry is invariably connected with its transformation. The development of semiconductor elements and the broader coming of semi-conductor transformers, frequency control, welding machines and electrical arc furnaces in industrial projects have a negative impact over the electrical power quality in the electro distributing systems. Induction machines need reactive energy to create electromagnetic field. The reactive component of current is taken from the electro distributing systems but it leads to additional losses in the power supply system and makes shorter the exploitation term of electrical devices. This leads to curving of the sinusoid form of current and voltage and interferences with harmonic character. Compensating the reactive power means to fill up the system in such a way that the needed reactive power to be created from the compensating device instead of being taken from the electro transportation system. This leads to killing the voltage fall and cable losses and increasing the outlet power of the power transporters and cutting down the bills for overconsumption of reactive energy paid by consumers to the electricity supply company. In practice compensating the reactive energy and high harmonics through LC filters combined in compensating installations has the broadest spreading.

**THERE ARE SEVERAL TYPES OF COMPENSATION ACCORDING TO THEIR LOCATION:**

individual compensation – when to every single motor or consumer is mounted a compensating system. It is applied to powerful motors and transformers with fixed capacity.

installation compensation – when the consumers from the whole section (workshop) are grouped and compensation is accomplished for the whole section.

overall compensation – accomplished at full compensation in the inlet of the installation.

**ACCORDING TO THE TYPE OF THE COMPENSATING DEVICES COMPENSATION CAN BE:**

- passive – when the system supplies constant reactive power. In this case the system does not react to changes in the size and nature of the harmonic components and also to the per cent increase of the reactive energy in time.
- active – broader spread. The system controls the form of the consumed current and generates different capacity depending on the load changes.

When designing the electro distributing system of industrial projects the following tasks are taken into consideration:

- defining the factor of non-sinusoid of the consumers and the voltage harmonic components
- defining the additional loading of the capacitor batteries from the harmonic components and calculating the filtering elements if needed

The calculation of the compensating device capacity is done by reading the reactive energy of the system and the working time of the system. Compensating devices represent a device of one or several metal boxes with common rail system, automatic regulator for cosφ control RPSF-xx series, different number of capacitor batteries (according to the capacity of the device) with different capacity HY 111 series, contactors for capacitor batteries control CJ 19-43 series, protective elements, etc.

The broadest spreading of compensation has acquired the compensation of harmonics and reactive energy with capacitors for high voltage. Capacitors HY 111 series are voltage remeasured and are able to endure overload from harmonic components up to 7% from the basic harmonics. They are used in systems with high harmonics foul up to 25%.

The high harmonics composition is defined after measuring the influence rate of each separate harmonics compared to the first one. In Bulgaria mostly spread are 5, 7, 9, 11 and 13 harmonics. The capacitors are remeasured for voltage 415V and are normally mounted right in the compensation systems.

When the high harmonics are over 25% the system is taken to be foul and in this case except using capacitors, filters for leveling the harmonics are to be used as well. These filters are calculated on the basis of the corresponding voltage harmonics and differ for the different harmonics. They are calculated using complex mathematical programme which reads the foul rate, the significance per cent of the voltage harmonic component, etc.

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



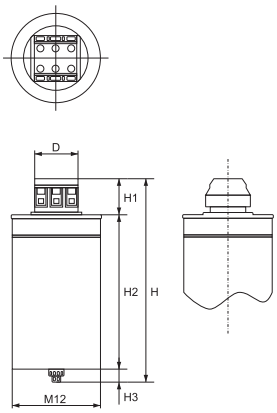
# CAPACITOR BATTERIES FOR REACTIVE ENERGY COMPENSATION

2+0 standard +extended 2 YEAR TOTAL WARRANTY

Capacitor batteries HY 111 series are specially designed three phase dry capacitors for compensation of reactive energy and correction of the capacity factor. It represents an aluminum cylindrical body in which a metal polypropylene folio is mounted which does not require special impregnation. The permittivity characteristics are acquired through filling with a special mixture on a vegetable base (resins). The capacitor battery is constructed in such a way that at failure (overload from voltage, current or temperature) breaks the connection to the upper cover where are the connections to the power supply. This is done by a specially constructed valve for overpressure mounted right above the capacitor element. The breaking of the inner couplings provides protection to the staff and environment from damage due to capacitor element failure. There is a three phase capacitor in the cylindrical body with built in resistor for rarefying the capacitors.
The capacitor battery can be used both for passive and active compensation.

**TECHNICAL DATA:**
- Rated operating voltage: 450V; 50Hz
- insulation voltage: 690V
- Surge voltage wear resistance: 6kV per minute
- Capacity: from 5,0 to 100,0 kVAr at 450V
- Tolerance: ±5%
- Operating temperature: -40°C - +65°C
- Capacity losses: 0.5W/kVAr
- Built in discharging resistance
- Admissible current overload: twice as much the peak current
- Discharge time: <50V per minute
- Altitude: 2000m

**MOUNTING:**
- With bolt M12 orM16 to a flat horizontal base




Dimensions (mm)

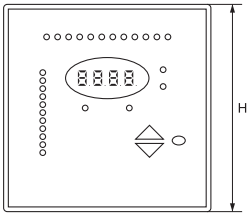
| D | H1 | H3 |
|---|---|---|
| 30 | 35 | 16 |

| Type of the battery | Dimensions H / Ø (mm) | Operating voltage (V) | Battery capacity (kVAr) | Capacity (µF) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| HY 11A5 | 210/76 | 450 | 5.0 | 3X26.2 | 6 | B | **49005** |
| HY 11A7 | 210/76 | 450 | 7.5 | 3X39 | 6 | B | **49007** |
| HY 111A8* | 230/80 | 450 | 8.0 | 3X39 | 6 | F | **49008** |
| HY 111A10 | 240/76 | 450 | 10.0 | 3X52.4 | 6 | B | **49010** |
| HY 111A15 | 240/86 | 450 | 15.0 | 3X78.9 | 6 | B | **49015** |
| HY 111A20 | 240/116 | 450 | 20.0 | 3X105 | 6 | B | **49020** |
| HY 111A30 | 280/160 | 450 | 30.0 | 3X157 | 6 | B | **49030** |
| HY 111A50 | 345/180 | 450 | 50.0 | 3X262 | 6 | B | **49050** |
| HY 111A100 | 300/300 | 450 | 100.0 | 3X524 | 6 | B | **49100** |
| HY 111A12** | 230 / 85 | 690 | 12.5 | 3X27.9 | 6 | B | **49031** |
| HY 11A25** | 280 / 115 | 690 | 25 | 3X55.7 | 6 | B | **49032** |

**Note:** *Until supply last, **Suitable for wind generators

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*






# CONTROLLER FOR AUTOMATIC REGULATION OF THE CAPACITY FACTOR (COSΦ REGULATOR)

3+2 standard +extended 5 YEAR TOTAL WARRANTY

The automatic regulators of the capacity factor RPCF-xx series are devices for monitoring of low voltage systems and control of switching on of capacitor batteries for the capacity factor compensation. There is possibility for adjustment of the system parameters and control. Manufactured by the latest CMOS technology, they are distinguished with high degree of data security, easy programming and secure control of the outlets. There is possibility for indication and setting the parameters of the power supply system as: capacity coefficient, display of the system parameters such as voltage, current and capacity, losses, protection against overload, overload indication or lack of voltage, etc.
The change of parameters is performed through a combination of buttons on the front panel. There is light diode to indicate which parameter is being displayed on the screen and which outlets are in operation. The display is four digital. There is possibility for choice of the working conditions: manual or automatic.

**TECHNICAL DATA:**

- Rated operating voltage: 230/400V
- Operating frequency: 45 – 65Hz
- insulation voltage: 690V
- Surge voltage wear resistance: 6kV per minute
- Measurement range: from 0 to 9999kVAr
- Measurement accurateness:
- voltage: ±1.0%
- current: ±1.0%
- capacity coefficient: ±1.0%
- reactive energy: ±2.0%
- Operating temperature: -10+65°C
- Humidity: 30 – 60%
- Display: 4 digital
- Responsiveness: 20mA
- Outlet: 7A
- Number of outlets: 12 and 16
- Altitude: up to 2500m

**MOUNTING:**
On the front panel of the box through cutting an opening

| Type | Number of steps | Dimensions H (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| HY-RPCF12 | 12 | 122x122 | 8 | B | **49120** |
| HY-RPCF16 | 16 | 144x144 | 8 | B | **49160** |



*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



## SOLAR POWER SYSTEMS

The Solar Home Power system is a fixed installation designed for domestic application. They is powered by solar energy using solar cells that convert solar energy (sunlight) directly to electricity.
The Solar Home Power system are the perfect compact solution for an independent power supply in remote locations where electricity is unavailable, unreliable or expensive. Can be used in houses, Huts & Cottages, holiday areas, offices and etc
The Solar Home Power system can achieve energy independence - no accession contracts, monthly charges and the need to build an energy grid to your home.
The Solar Home Power Systems are compact, portable and easily mountable. They are an economical solution to all your power problems.




## HOME SOLAR POWER SYSTEM 500W SET

3+2 standard +extended 5 YEAR TOTAL WARRANTY

**FUNCTION:**
- Solar power supply

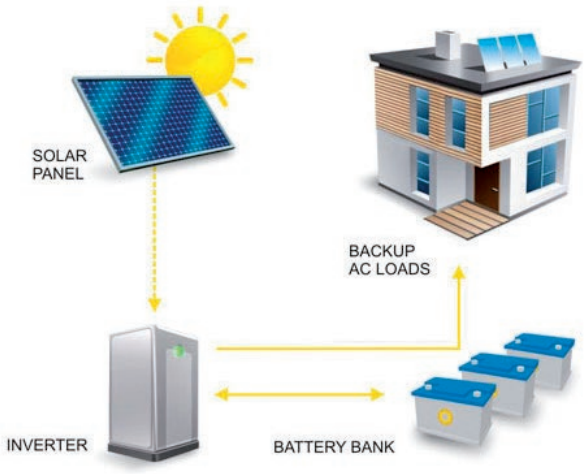
**SOLAR PANEL:**
- Type: Polycrystalline 18V 150W
- Optimum Operating Voltage: 18V
- Optumum Operating Current: 8.33A
- Open- Circuit Voltage: 20.88V
- Short- Circuit Current: 9.57A
- Power: 150W
- Sizes LxWxH(mm): 1490x680x5

**INVERTER:**
- 500W
- Ouput
  - USB 5V
  - 12V DC
  - 220V AC: Universal socket
- Size LxWxH (mm): 200x94x228

**SET INCLUDED:**
- Solar panel 18V 150W: 1 pc
- Inverter 500W: 1 pc

| Type | Solar panel | Inverter | Battery | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| ELM- 500SOL | 18V 150W | 500W | 75Ah Not included | 1 | E | **98SOL500** |

***Recommended with a battery 75Ah with a catalog number: 98BAT75***
***Discharging time at 75% consumption from total Inverter power ( about 375W) by using 75Ah battery: 2.4h***




***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



## HOME SOLAR POWER SYSTEM 800W SET

3+2 standard +extended 5 YEAR TOTAL WARRANTY

**FUNCTION:**
- Solar power supply

**SOLAR PANEL:**
- Type: Polycrystalline 18V 150W
- Optimum Operating Voltage: 18V
- Optumum Operating Current: 8.33A
- Open- Circuit Voltage: 20.88V
- Short- Circuit Current: 9.57A
- Power: 150W
- Sizes LxWxH(mm): 1490x680x5

**INVERTER:**
- 800W
- Ouput
  - USB 5V
  - 12V DC
  - 220V AC: Universal socket
- Size LxWxH (mm): 300x100x220

**SET INCLUDED:**
- Solar panel 18V 150W: 1 pc
- Inverter 800W: 1 pc



| Type | Solar panel | Inverter | Battery | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| ELM- 800SOL | 18V 150W | 800W | 105Ah Not included | 1 | E | **98SOL800** |

***Recommended with a battery 105Ah with a catalog number: 98BAT105***
***Discharging time at 75% consumption from total Inverter power ( about 600W) by using 105Ah battery: 2.1h***



*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



## HOME SOLAR POWER SYSTEM 2000W SET

3+2 standard +extended 5 YEAR TOTAL WARRANTY

**FUNCTION:**
- Solar power supply

**SOLAR PANEL:**
- Type: Polycrystalline 36V 250W
- Optimum Operating Voltage: 36V
- Optumum Operating Current: 13.89A
- Short- Circuit Current: 15.97A
- Power: 2x250W

**INVERTER:**
- 2000W
- Ouput
  - USB 5V
  - 12V DC
  - 220V AC: Universal socket
- Size LxWxH (mm): 300x100x220

**SET INCLUDED:**
- Solar panel 36V 250W: 2 pc
- Inverter 2000W: 1 pc

| Type | Solar panel | Inverter | Battery | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| ELM- 2000SOL | 36V 250Wx2 | 2000W | 220Ah Not included | 1 | E | **98SOL2000** |



***Recommended with two battery 220Ah with a catalog number: 98BAT220***
***Discharging time at 75% consumption from total Inverter power ( about 1500W) by using 2 battery 220Ah: 3.4h***

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***




**MADE IN EU**
**98BAT75**

## DEEP CYCLE BATTERY 75AH

- Nominal Voltage: 12V
- Capacity (Ah)
  - C100 EN 61427 SLI: 75Ah
  - C20 EN 50342 SLI: 70Ah
  - C10 EN 60896 STANDBY: 63Ah
  - C5 EN 60254-1 TRACTION: 52Ah
- RC min: 130
- BHD: B13
- 100% non-spillable battery
- Indoor use
- Dimension LxWxH (mm): 278x175x190
- Absolutely maintenance free, no topping up required
- Up to 500 cycles at 50% DOD
- High reliability and safe handling
- Catalogue number: 98BAT75
- Product category: E

***Advanced AGM technology with absorbed electrolyte. It is specially designed for reliable electrical storage solutions for renewable energy***

***Warranty coverage: in each european country***




**MADE IN EU**
**98BAT105**

## DEEP CYCLE BATTERY 105AH

- Nominal Voltage: 12V
- Capacity (Ah)
  - C100 EN 61427 SLI: 105Ah
  - C20 EN 50342 SLI: 100Ah
  - C10 EN 60896 STANDBY: 95Ah
  - C5 EN 60254-1 TRACTION: 85Ah
- RC min: 180
- BHD: B13
- 100% non-spillable battery
- Indoor use
- Dimension LxWxH (mm): 345x175x230
- Absolutely maintenance free, no topping up required
- Up to 500 cycles at 50% DOD
- High reliability and safe handling
- Catalogue number: 98BAT105
- Product category: E

***Advanced AGM technology with absorbed electrolyte. It is specially designed for reliable electrical storage solutions for renewable energy***

***Warranty coverage: in each european country***




**MADE IN EU**
**98BAT220**

## DEEP CYCLE BATTERY 220AH

- Nominal Voltage: 12V
- Capacity (Ah)
  - C100 EN 61427 SLI: 220Ah
  - C20 EN 50342 SLI: 205Ah
  - C10 EN 60896 STANDBY: 190Ah
  - C5 EN 60254-1 TRACTION: 170Ah
- RC min: 430
- BHD: B0
- 100% non-spillable battery
- Indoor use
- Dimension LxWxH (mm): 320x250x120
- Absolutely maintenance free, no topping up required
- Up to 500 cycles at 50% DOD
- High reliability and safe handling
- Catalogue number: 98BAT220
- Product category: E

***Advanced AGM technology with absorbed electrolyte. It is specially designed for reliable electrical storage solutions for renewable energy***

***Warranty coverage: in each european country***

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days.***

Smartphone Control WiFi

## ON GRID SOLAR POWER SYSTEMS FROM 5 TO 30 KW

3+2 standard +extended 5 YEAR TOTAL WARRANTY

Solar Power System is a power system designed to absorb and convert sunlight into electricity. It provides autonomy as an alternative energy source, saving money by reducing your electric bill. It consists of an arrangement of several components:



## MONOCRYSTALLINE SOLAR PANEL

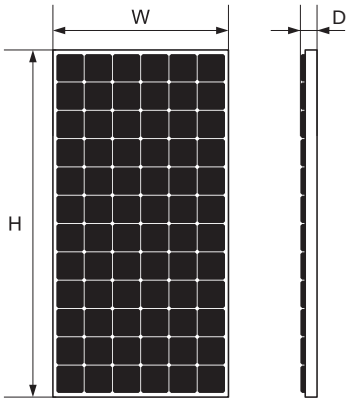
They are made up of many cylindrical encapsulated silicon cells that capture photons from the sun and, through the photovoltaic effect, convert that energy into useful electricity. Our solar panels have a single crystal structure with high efficiency and long life. Unlike polycrystalline crystals, they are more compact in size and perform much better in low sunlight.

**Catalogue number:** 98SOL380M

**SPECIFICATION**

- irradiance 1000 W/m2, AM 1.5, gand cell temperature of 25°C
- Peack power (Pmax): 380
- Maximum power voltage (Vmp): 39.2
- Maximum power current (Imp): 9.74
- Open circuit voltage (Voc): 47.80
- Short circuit current (Isc): 10.67
- Cells efficiency (%): 21.6
- Module efficiency (%): 19.58
- Maximum system voltage (V): 1000/1500
- Operating and storage temperature (°C): -40°C +85°C
- Cell type: 156.75x156.75 mono
- Number of cells: 72 ( 6x12)
- Dimensions HxWxD (mm): 1956x992x40
- Weight (kg): 22.5
- Front Glass: 3.2mm high transmission, low iron, tempered glass
- Frame: Anodized aluminium alloy
- Max. load wind / snow (Pa): 2400 / 5400

## POLYCRYSTALLINE SOLAR PANEL




Dimensions (mm)

| H | W | D |
|---|---|---|
| 1956 | 992 | 40 |

**Catalogue number:** 98SOL330P

**SPECIFICATION**

- irradiance 1000 W/m2, AM 1.5, gand cell temperature of 25°C
- Peack power (Pmax): 330
- Maximum power voltage (Vmp): 37.26
- Maximum power current (Imp): 8.86
- Open circuit voltage (Voc): 44.72
- Short circuit current (Isc): 9.57
- Cells efficiency (%): 18.65
- Module efficiency (%): 17.00
- Maximum system voltage (V): 1000/1500
- Operating and storage temperature (°C): -40°C +85°C
- Cell type: 156.75x156.75 poly
- Number of cells: 72 ( 6x12)
- Dimensions LxWxD (mm): 1956x992x40
- Weight (kg): 22.5
- Front Glass: 3.2mm high transmission, low iron, tempered glass
- Frame: Anodized aluminium alloy
- Max. load wind / snow (Pa): 2400 / 5400

| System | Monocrystaline Panel QTY | Polycrystalline Panel QTY | Series | Parallel |
|---|---|---|---|---|
| 5 kW ON-grid power system | 14 | 16 | 7 | 2 |
| 10 kW ON-grid power system | 28 | 32 | 14 | 2 |
| 15 kW ON-grid power system | 40 | 46 | 20 | 2 |
| 20 kW ON-grid power system | 54 | 61 | 18 | 3 |
| 30 kW ON-grid power system | 80 | 91 | 16 | 5 |



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## SOLAR MOUNTING STRUCTURE



Since solar panels are designed for outdoor installation and are subject to continuous weather conditions, the type of material that makes the structure is important for the reliability of the entire system. Due to the envisaged long service life of more than 25 years, the construction and attachment of the panels to it must be secure. The mounting structure are available in different variants according to the type of the roof - metal, bitumen or tile.

**Material:** hot-dip galvanized steel / aluminum alloy
The kit also includes all the necessary elements to secure the panels to the stand. Detailed description can be found in the technical documentation published on our site www.elmarkholding.eu.

## INVERTERS





Converts the variable direct current (DC) output of a photovoltaic (PV) solar panel into a utility frequency alternating current (AC) that can be fed into a commercial electrical grid. The output current has a standard output of 230VAC, 50Hz. All the inverters we offer are ON-grid with DC switch and monitor.
Inverters (5-30)kW are reliable preferred equipment for residential, industrial and commercial pv power stations. Smaller size, higher efficiency, huge large color display for visual inspection of product operation.

| System | Inverter type | DC switch | Export power menager (EPM) |
|---|---|---|---|
| 5 kW ON-grid power sistem | 5 kW single phase | included | Integrated |
| 10 kW ON-grid power sistem | 10 kW three phase | included | Integrated |
| 15 kW ON-grid power sistem | 15 kW three phase | included | Integrated |
| 20 kW ON-grid power sistem | 20 kW three phase | included | Integrated |
| 30 kW ON-grid power sistem | 30 kW three phase | included | Integrated |

## CABLES

Solar cable - to connect solar panels and other electrical components of a photovoltaic system. Solar cables are designed to be UV resistant and weather resistant. For detailed information -www.elmarkholding.eu



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## ON GRID SOLAR SYSTEMS - SET WITH MONOCRYSTALLINE PANELS

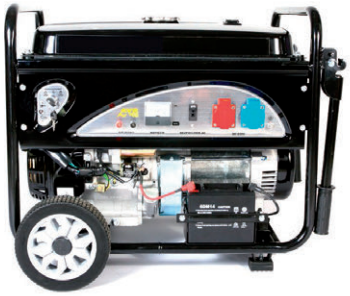
| Solar power systems (kW) | Phase | Type of the roof | Panel QTY | Product category | Catalogue number |
|---|---|---|---|---|---|
| 5 | 1 | Tile or bitumen | 14 | E | 98SOL5000M/TB |
| 10 | 3 | Tile or bitumen | 28 | E | 98SOL10000M/TB |
| 15 | 3 | Tile or bitumen | 40 | E | 98SOL15000M/TB |
| 20 | 3 | Flat | 54 | E | 98SOL20000M/F |
| 20 | 3 | Metal | 54 | E | 98SOL20000M/M |
| 30 | 3 | Flat | 80 | E | 98SOL30000M/F |
| 30 | 3 | Metal | 80 | E | 98SOL30000M/M |

## ON GRID SOLAR SYSTEMS - SET WITH POLYCRYSTALLINE PANELS

| Solar power systems (kW) | Phase | Type of the roof | Panel QTY | Product category | Catalogue number |
|---|---|---|---|---|---|
| 5 | 1 | Tile or bitumen | 16 | E | 98SOL5000P/TB |
| 10 | 3 | Tile or bitumen | 32 | E | 98SOL10000P/TB |
| 15 | 3 | Tile or bitumen | 46 | E | 98SOL15000P/TB |
| 20 | 3 | Flat | 61 | E | 98SOL20000P/F |
| 20 | 3 | Metal | 61 | E | 98SOL20000P/M |
| 30 | 3 | Flat | 91 | E | 98SOL30000P/F |
| 30 | 3 | Metal | 91 | E | 98SOL30000P/M |



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# ELECTRICAL GASOLINE GENERATORS EL-GF SERIES

3+0 standard +extended 3 YEAR TOTAL WARRANTY

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 strokeengine 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-frendly in operations**

| Model | Rated power (kW) | Max. power (kW) | Fuel tank capacity (L) | Fuel comsumption (g/(kW·h)) | Running time (h) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| EL-2.8GF-6 | 2.8 | 3 | 15 | ≤530 | 10 | E | **45GF36** |
| EL-5GF-2-4 | 5 | 5.5 | 25 | ≤480 | 9.5 | E | **45GF524** |
| EL-7GF-2-4 | 7 | 7.5 | 25 | ≤515 | 5.8 | E | **45GF724** |



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## ELECTRICAL DIESEL GENERATORS EL-DF SERIES

3+0 standard +extended 3 YEAR TOTAL WARRANTY

A diesel generator is machinery that converts the chemical energy in diesel to electrical energy and is 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 gavanized 3 mm metal sheets. The painting is done by nano technologic electronic powder coating technic. 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



| Model | Power stand by (kVA/kW) | Power prime (kVA/kW) | Output voltage (V) | Length (mm) | Width (mm) | Height (mm) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| EL-DF15C | 12/10 | 11/9 | 400/230 | 1350 | 850 | 1080 | E | 45DG15/12C |
| EL-DF25C | 25/20 | 23/18 | 400/230 | 2000 | 950 | 1450 | E | 45DG25/20C |
| EL-DF55C | 55/44 | 50/40 | 400/230 | 2400 | 1000 | 1800 | E | 45DG55/44C |
| EL-DF75C | 75/60 | 68/55 | 400/230 | 2400 | 1000 | 1800 | E | 45DG75/60C |
| EL-DF94C | 94/75 | 85/68 | 400/230 | 2700 | 1100 | 1800 | E | 45DG94/75C |
| EL-DF110C | 110/88 | 100/80 | 400/230 | 3100 | 1100 | 1880 | E | 45DG110/88C |
| EL-DF150C | 150/120 | 136/109 | 400/230 | 3100 | 1100 | 1880 | E | 45DG150/120C |
| EL-DF175C | 175/140 | 159/127 | 400/230 | 3100 | 1100 | 1880 | E | 45DG175/140C |

## ELECTRICAL DIESEL GENERATORS EL-DF SERIES WITHOUT CANOPY



| Model | Power stand by (kVA/kW) | Power prime (kVA/kW) | Output voltage (V) | Length (mm) | Width (mm) | Height (mm) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| EL-DF15 | 12/10 | 11/9 | 400/230 | 1350 | 850 | 1050 | E | 45DG15/12 |
| EL-DF25 | 25/20 | 23/18 | 400/230 | 1650 | 950 | 1400 | E | 45DG25/20 |
| EL-DF55 | 55/44 | 50/40 | 400/230 | 2000 | 1000 | 1700 | E | 45DG55/44 |
| EL-DF75 | 75/60 | 68/55 | 400/230 | 2000 | 1000 | 1800 | E | 45DG75/60 |
| EL-DF94 | 94/75 | 85/68 | 400/230 | 2150 | 1100 | 1800 | E | 45DG94/75 |
| EL-DF110 | 110/88 | 100/80 | 400/230 | 2500 | 1100 | 1780 | E | 45DG110/88 |
| EL-DF150 | 150/120 | 136/109 | 400/230 | 2500 | 1100 | 1780 | E | 45DG150/120 |
| EL-DF175 | 175/140 | 159/127 | 400/230 | 2500 | 1100 | 1780 | E | 45DG175/140 |



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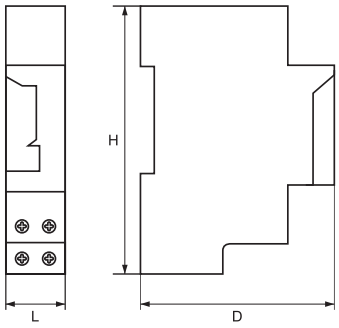
## QUARZ TIME SWITCH WITH POWER RESERVE TM 180 MINI

3+2 standard +extended 5 YEAR TOTAL WARRANTY

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 15 minutes as it is executed within 96 pcs segments which the timing of the work and rest of the consummator is being set.The timer is accomplished with a battery which assures the work by 70 hours after power failure.

**TECHNICAL DATA:**

- Rated voltage: 230-240V AC 50/60Hz
- Time range: 24 hours
- Min. programmable interval: 15 minutes
- Time adjustment: manual
- Battery power reserve: 70 hours
- Time deviation: ± 1s (at 20°C)
- Consumption: 2.5VA
- Contact: 1NO
- Contact capacity:
- 16A/250V (COSΦ=1)
- 4A/250V (COSΦ=0.6)
- Electrical endurance: $10^5$ times
- Mechanical endurance: $10^7$ times
- Section of the conductor: rigid conductors up to 6mm$^2$




**MOUNTING:**

- DIN-rail

| Type | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| TM 180 | 1 / 200 | B | **50137** |

Dimensions (mm)

| H | L | D |
|---|---|---|
| 90 | 18 | 60 |



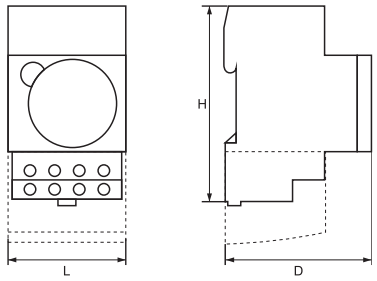
## QUARZ TIME SWITCH WITH POWER RESERVE TM 181

3+2 standard +extended 5 YEAR TOTAL WARRANTY

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 consummator 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

| Type | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| TM 181 | 1 / 100 | B | **50138** |

Dimensions (mm)

| H | L | D |
|---|---|---|
| 90 | 53.5 | 65.5 |



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## 24 HOURS PLUG-IN MECHANICAL TIMER

2+0 standard +extended 2 YEAR TOTAL WARRANTY

Mechanical german plug-in timer with children protector. Two position switch for permament and time contol.

**TECHNICAL DATA:**
- Power supply voltage: 230V; 50Hz
- Min. setting time: 15 mins
- Max. setting time: 24 hours
- active load: up to 16A
- IP20
- Size (mm): 82x84x56

| Type | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| EL-PMT-1 | 1/24/48 | B | **50140** |



## PROGRAMMABLE WEEKLY TIMER

3+2 standard +extended 5 YEAR TOTAL WARRANTY

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

**TECHNICAL DATA:**
- Power supply voltage: 220-250V; 50/60Hz
- Adjustment range: 1 min
- Commutating capacity:
- active load: up to 30A
- Operations: 17 switching ON/OFF per day, up to 119 ON/OFF per week
- Operating temperature: 0 ÷ +55°C
- Size (LxWxH)mm: 60x32.5x60

**MOUNTING:**
- With bolts to the surface

| Type | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| EL-PWT-1 | 1/200 | B | **50139** |



## WEEKLY PLUG-IN DIGITAL TIMER

3+2 standard +extended 5 YEAR TOTAL WARRANTY

Digital german plug-in timer with coundown function and rechargeable NI-MH battery. Two outlets for permament and time contol.

**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
- Size (mm): 68.4x73x77.2

| Type | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| EL-WDT-2 | 1/24/48 | B | **50141** |

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## WEEKLY PLUG-IN DIGITAL TIMER

3+2 standard +extended 5 YEAR TOTAL WARRANTY

Digital german plug-in timer with children protector and rechargeable NI-MH battery. Two outlets for permament and time contol.

**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
- Size (mm): 130x75x70

| Type | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| EL-WDT-3 | 1/24/48 | B | **50142** |

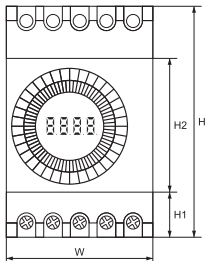


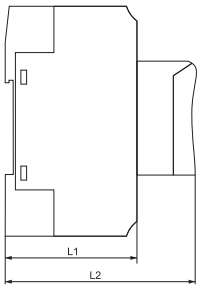
## PROGRAMMABLE DIGITAL ONE-CHANNEL TIMER TE 20

3+2 standard +extended 5 YEAR TOTAL WARRANTY

The timer is manufactured under the CMOS technology with a quartz minicontroller which makes it reliable for operation. The timer is adjusted for DIN-rail mounting. It is possible to adjust forty-eight ON/OFF cycles. Each program setting is done through selection of the cycle start and end time with the push buttons. When a program is on, the time cycle is indicated as a dimmed out section on the dial. For example, if you start a 2-hour program the 2-hour portion between On and Off times on the dial becomes dark. The minimal interval for cycle programming is 15 minutes. The battery allows programme storing at lack of power supply.

**TECHNICAL DATA:**
- Power supply voltage: 230V; 50Hz
- Time deviation: <2s (at 25°C)
- Battery for programme storing and operation: up to 150 hours
- Power consumption: <5VA
- Switched on indicator
- Electrical wear resistance: 105 cycles
- Mechanical wear resistance: 107 cycles
- Operating temperature: -10 ÷ +65°C
- Humidity: 35 – 85%RH
- Number of contacts: 1NO + 1NC
- Li-Ion battery: 150h
- Commutating capacity:
  - active load: up to 16A
- Weight: 120g




**MOUNTING:**
- DIN-rail

| Type | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| TE 20 | 1 / 92 | B | **50100** |

Dimensions (mm)

| H | H1 | H2 | W | L1 | L2 |
|---|---|---|---|---|---|
| 85 | 20 | 45 | 54.5 | 34 | 66 |



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## PROGRAMMABLE DIGITAL ONE-CHANNEL TIMER TE 15A

3+2 standard +extended 5 YEAR TOTAL WARRANTY

The timer is manufactured under the CMOS technology with a quartz minicontroller 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, work days cycle, weekend cycle, or a specific day of the week); then the cycle start time and end time are set. If you have selected work days cycle, then the program will start and stop at the set times each work day 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..

| Type | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| TE 15A | 1 / 100 | B | **50036** |

Dimensions (mm)

| H | L | D |
|---|---|---|
| 85 | 36 | 64 |

**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 programme 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 ÷ +65C
- Humidity: 35 – 85%RH
- Number of contacts: 1NO + 1NC
- Commutating capacity:
  - active load: up to 16A
- Weight: 125g

**MOUNTING:**

- DIN-rail



## PROGRAMMABLE DIGITAL ONE-CHANNEL TIMER TE 15B

3+2 standard +extended 5 YEAR TOTAL WARRANTY

The timer is manufactured under the CMOS technology with a quartz minicontroller which makes it reliable for operation. The timer is adjusted for DIN-rail mounting.It can memorize up to six 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, work days cycle, weekend cycle, or a specific day of the week); then the cycle start time and end time are set. If you have selected work days cycle, then the program will start and stop at the set times each work day 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. There is possibility for automatic correction of the time according to the seasonal sun variations.

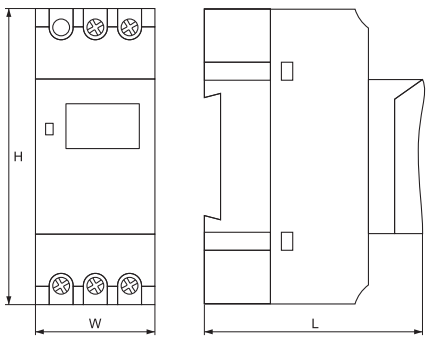
| Type | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| TE 15 B | 1 / 100 | B | **50101** |

Dimensions (mm)

| H | W | L |
|---|---|---|
| 85 | 36 | 64 |

**TECHNICAL DATA:**

- Display: LCD
- Automatic adjustment of the current time (time correction winter/summer)
- Power supply voltage: 230V; 50Hz
- Operations: 6 switching ON/OFF
- Time deviation: <2s (at 25°C)
- Battery for programme storing: up to 15 days
- Power consumption: <5VA
- Switched on indicator
- Electrical wear resistance: $10^5$ cycles
- Mechanical wear resistance: $10^7$ cycles
- Operating temperature: -10 ÷ +65°C
- Humidity: 35 – 85%RH
- Number of contacts: 1NO + 1NC
- Commutating capacity:
  - active load: up to 6A
  - inductive load: up to 2.5
- Weight: 120g




**MOUNTING:**

- DIN-rail

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## STARCASE DELAY TIMER

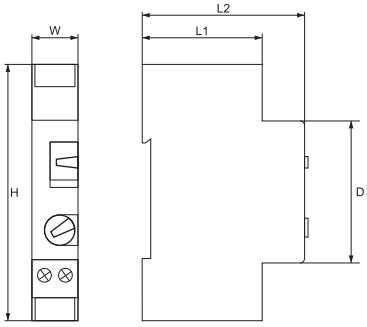
3+2 standard +extended 5 YEAR TOTAL WARRANTY



The timer is adjusted for DIN-rail mounting. Provide control of lighting circuits with automatic switch Off after pre-set time. Two position switch for permament and time lighting contol and choise 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




| Type | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| EL-SDT-1 | 1/240 | B | **35007** |

Dimensions (mm)

| H | W | L1 | L2 | D |
|---|---|---|---|---|
| 82 | 17.5 | 40 | 65 | 45 |

## TARIFF SWITCHING CLOCK (TIMER) TE 18

UNTIL SUPPLY LAST

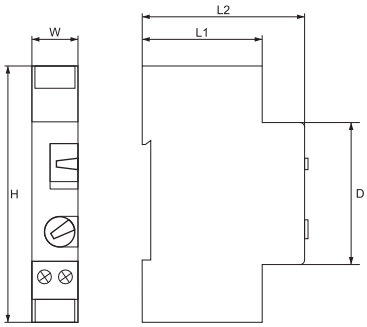
3+2 standard +extended 5 YEAR TOTAL WARRANTY



The timer is adjusted for DIN-rail mounting. It is used for switching on tariff lighting in housing buildings and switching off after the adjusted time. Easy to adjust time intervals, mounting and conducting. Reliable to use.

**TECHNICAL DATA:**
- Power supply voltage: 230V; 50Hz
- Adjustment range: 0.5 to 20 min
- Power consumption: <2.5VA
- Operating temperature: -5 ÷ +65°C
- Humidity: 45 – 95%RH
- Number of contacts: 1NO
- Commutating capacity:
  - active load: up to 16A
  - inductive load: up to 10 A
- Weight: 75g

**MOUNTING:**
- DIN-rail




| Type | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| TE 18 | 1 / 200 | F | **35005** |

Dimensions (mm)

| H | W | L1 | L2 | D |
|---|---|---|---|---|
| 82 | 18 | 40 | 65 | 45 |



***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



## TIME RELAY "STAR/DELTA" TE 19

3+2 standard +extended 5 YEAR TOTAL WARRANTY

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.

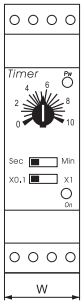
| Type | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| TE19 | 1 / 200 | B | **50102** |

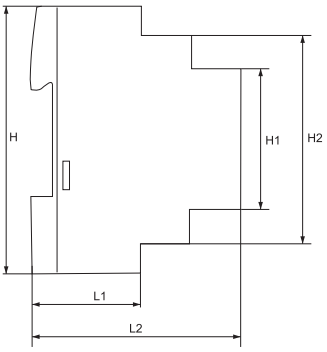
Dimensions (mm)

| H | W | L1 | L2 | H1 | H2 |
|---|---|---|---|---|---|
| 85 | 24 | 34 | 66 | 45 | 60 |

**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



## TIMER TE8A – 1A, TE8A – 2A

3+2 standard +extended 5 YEAR TOTAL WARRANTY

The timer is manufactured under the most modern technology CMOS with a quartz minicontroller 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.

| Type | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| TE8A - 1a | 1 / 75 | B | **50113** |
| TE8A - 2a | 1 / 75 | B | **50114** |

Dimensions (mm)

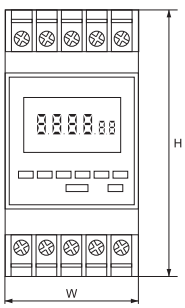
| H | H1 | H2 | W |
|---|---|---|---|
| 100 | 50 | 68 | 50 |
| E | L1 | L2 | F |
| 36 | 60 | 74 | 90 |

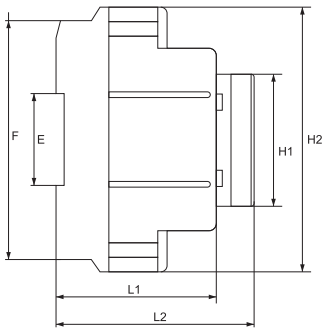
**Technical data:**

- Power supply voltage: 230V; 50Hz
- Power consumption: <5VA
- Electrical wear resistance: $10^7$ cycles
- Mechanical wear resistance: $10^5$ 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




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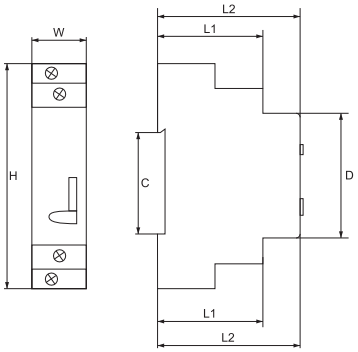
## IMPULSE RELAY

3+2 standard +extended 5 YEAR TOTAL WARRANTY

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




| Type | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| EPN510 | 8 / 160 | B | **50300** |

Dimensions (mm)

| H | W | C | D | L1 | L2 |
|---|---|---|---|---|---|
| 85 | 24 | 36 | 45 | 34 | 66 |



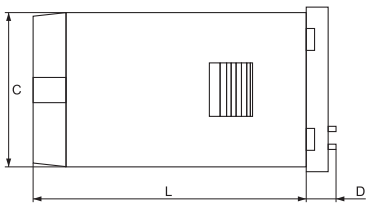
## TIMER TE6B

3+2 standard +extended 5 YEAR TOTAL WARRANTY

The timer is manufactured under the most modern technology CMOS with a quartz minicontroller 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: $10^7$ cycles
- Mechanical wear resistance: $10^5$ 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




| Type | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| TE6B | 1 / 100 | B | **50104** |

Dimensions (mm)

| D | W | L |
|---|---|---|
| 8.5 | 45 | 80 |



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## TIMER TE48S-S

3+2 standard +extended 5 YEAR TOTAL WARRANTY

The timer is manufactured under the most modern technology CMOS with a quartz minicontroller 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.

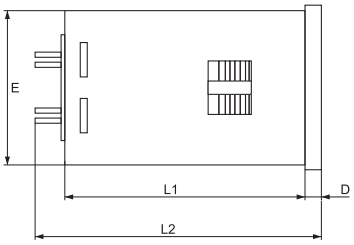
| Type | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| TE48S-S | 84 | B | **50105** |

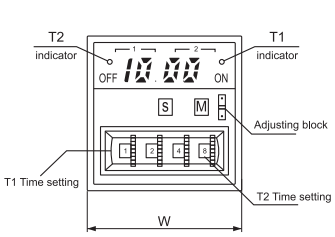
Dimensions (mm)

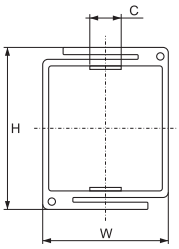
| D | E | L1 | L2 |
|---|---|---|---|
| 5 | 44.8 | 74 | 95 |
| C | H | W | |
| 15 | 58 | 48 | |

**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: $10^7$ cycles
- Mechanical wear resistance: $10^5$ 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

## TIMER TE 19M

3+2 standard +extended 5 YEAR TOTAL WARRANTY

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.



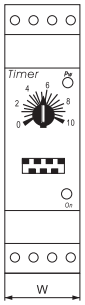
| Type | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| TE 19M | 1 / 200 | B | **50102M** |

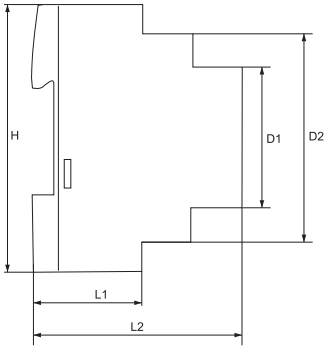
Dimensions (mm)

| H | W | H1 | H2 | L1 | L2 |
|---|---|---|---|---|---|
| 85 | 24 | 45 | 60 | 34 | 66 |

**TECHNICAL CHARACTERISTICS:**

- 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 METHOD:**

- DIN rail

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



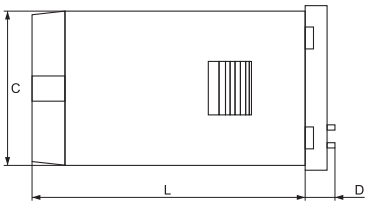

## UNIVERSAL DIGITAL COUNTER CE2J

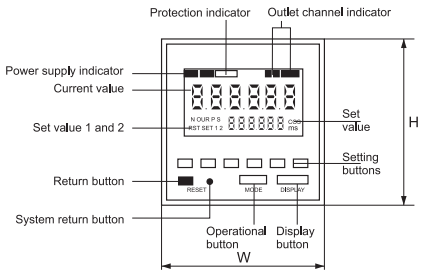
3+2 standard +extended 5 YEAR TOTAL WARRANTY

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 also 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 programme 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




**Documents corresponding to the product:**
Standard EN 61010-1

| Type | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| CE2J | 1 / 45 | B | **50111** |

Dimensions (mm)

| H | W | C | D | L |
|---|---|---|---|---|
| 68 | 68 | 65 | 8.5 | 90 |



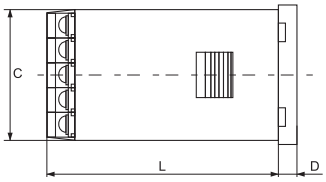

## COMBINED DIGITAL COUNTER/TIMER CE10J

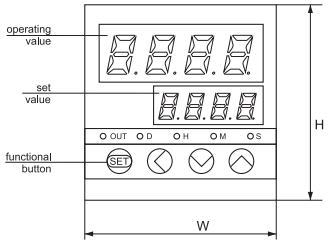
3+2 standard +extended 5 YEAR TOTAL WARRANTY

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 also 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 programme 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




**Documents corresponding to the product:**
Standard EN 61010-1

| Type | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| CE10J | 1 / 45 | B | **50120** |

Dimensions (mm)

| H | W | C | D | L |
|---|---|---|---|---|
| 68 | 68 | 65 | 6 | 90 |

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

## TOTAL DIGITAL COUNTER CE15J

3+2 standard +extended 5 YEAR TOTAL WARRANTY

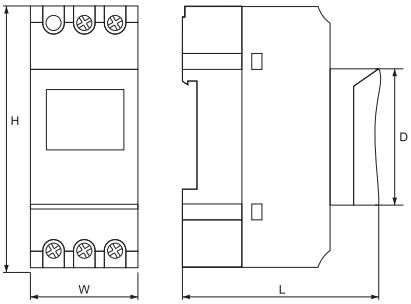


The device is to be mounted on DIN-rail. It is used as an impulse counter with no outside power supply. For that purpose there is a Li battery built in the device which provides data storing and operation of the device for 5 years. It has eight digital lighting display providing excellent visibility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

Dimensions (mm)

| H | W | D | L |
|---|---|---|---|
| 86 | 36 | 45 | 64 |




**MOUNTING:**
- DIN-rail

**Documents corresponding to the product:** EN 61010-1

| Type | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| CE15J | 1 / 100 | B | **50112** |

## TOTAL DIGITAL COUNTER CE15L

3+2 standard +extended 5 YEAR TOTAL WARRANTY

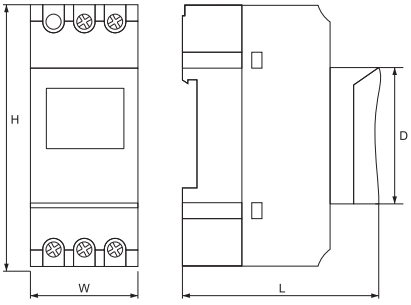


The device is to be mounted on DIN-rail. It is used as a time impulse counter with no outside power supply. For that purpose there is a Li battery built in the device which provides data storing and operation of the device for 5 years. It has eight digital lighting display providing excellent visibility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

Dimensions (mm)

| H | W | D | L |
|---|---|---|---|
| 86 | 36 | 45 | 64 |




**MOUNTING:**
- DIN-rail

**Documents corresponding to the product:** EN 61010-1

| Type | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| CE15L | 1 / 100 | B | **50115** |

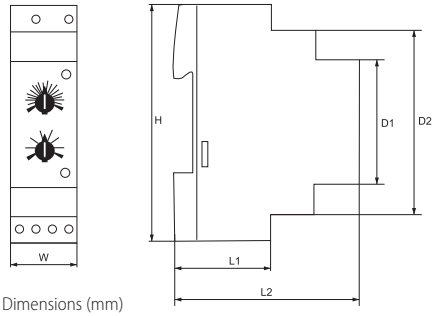
## PHASE SEQUENCE INDICATOR EK - RSTB

3+2 standard +extended 5 YEAR TOTAL WARRANTY



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 hysteresic 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




Dimensions (mm)

| H | W | D1 | D2 | L1 | L2 |
|---|---|---|---|---|---|
| 85 | 24 | 45 | 60 | 34 | 66 |

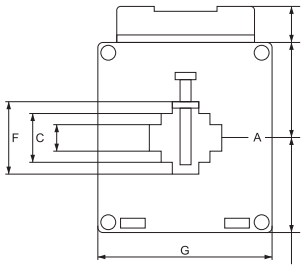
**MOUNTING:**
- DIN-rail

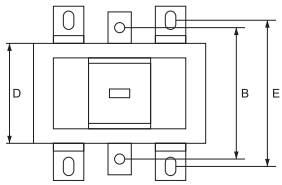
**Documents corresponding to the product:** EN 61010-1

| Type | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| EK - RSTB | 1 / 200 | B | **50103** |




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




# CURRENT MEASUREMENT TRANSFORMERS MES - XX/X5 TYPE

3+2 standard +extended 5 YEAR TOTAL WARRANTY

The measurement transformers find application at current measuring, current regulation, systems for current characteristics watching, systems for reactive energy compensation, signaling, 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: 1.2 x 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

**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.

| Type | Overall dimensions (mm) | | | | | | |
|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G |
| MES - 75/30 | 88 | 52 | 52 | 41 | 77 | 31 | 31 |
| MES - 75/40 | 88 | 52 | 52 | 41 | 77 | 41 | 41 |
| MES - 86/60 | 117 | 57 | 57 | 184 | 77 | 61 | 61 |

| Type | Range | Precision class | Capacity VA | Weight kg | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| MES - 75/30 | 50/5 | 0.5 | 1 | 0.60 | 1 / 40 | B | **45050A** |
| MES - 75/30 | 75/5 | 0.5 | 1.5 | 0.60 | 1 / 40 | B | **45075A** |
| MES - 75/30 | 100/5 | 0.5 | 1.5 | 0.60 | 1 / 40 | B | **45103A** |
| MES - 75/30 | 150/5 | 0.5 | 2.5 | 0.60 | 1 / 40 | B | **45153A** |

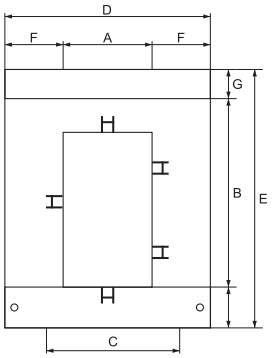
| Type | Range | Precision class | Capacity VA | Weight kg | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| MES - 75/40 | 200/5 | 0.5 | 3.75 | 0.60 | 1 / 40 | B | **45204A** |
| MES - 75/40 | 250/5 | 0.5 | 3.75 | 0.60 | 1 / 40 | B | **45254A** |
| MES - 75/40 | 300/5 | 0.5 | 5 | 0.60 | 1 / 40 | B | **45304A** |
| MES - 75/40 | 400/5 | 0.5 | 5 | 0.60 | 1 / 40 | B | **45404A** |
| MES - 75/40 | 500/5 | 0.5 | 5 | 0.60 | 1 / 40 | B | **45504A** |
| MES - 75/40 | 600/5 | 0.5 | 5 | 0.60 | 1 / 40 | B | **45604A** |

| Type | Range | Precision class | Capacity VA | Weight kg | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| MES - 86/60 | 400/5 | 0.5 | 3.75 | 0.60 | 1 / 40 | B | **45406A** |
| MES - 86/60 | 500/5 | 0.5 | 5 | 0.60 | 1 / 40 | B | **45506A** |
| MES - 86/60 | 600/5 | 0.5 | 10 | 0.60 | 1 / 40 | B | **45606A** |
| MES - 86/60 | 800/5 | 0.5 | 10 | 0.60 | 1 / 40 | B | **45806A** |
| MES - 86/60 | 1000/5 | 0.5 | 10 | 0.60 | 1 / 32 | B | **45906A** |
| MES - 86/60 | 1200/5 | 0.5 | 10 | 0.60 | 1 / 32 | B | **45916A** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



**Documents corresponding to the product:** Standard EN 60044-1




# CURRENT TRANSFORMERS, TYPE CP

3+2 standard +extended 5 YEAR TOTAL WARRANTY

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 SPECIFICATION:**

- small size table:
- secondary coil rated current 5A
- rated voltage 720V
- frequency 50Hz
- rated load: up to 30VA
- safety coefficient: fs≤5
- accuracy class :0.5; 1
- secondary coil connection: cable shoe terminal

| Type | Overall dimensions (mm) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 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 |

| Type | Range | Precision class | Capacity VA | Weight kg | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| CP 23 | 200/5 | 1 | 1.5 | 0,74 | 1 / 45 | B | **452320** |
| CP 23 | 250/5 | 1 | 2.5 | 0,74 | 1 / 45 | B | **452325** |
| CP 23 | 300/5 | 0,5 | 2.5 | 0,74 | 1 / 45 | B | **452330** |

| Type | Range | Precision class | Capacity VA | Weight kg | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| CP 58 | 250/5 | 0,5 | 1,5 | 0,87 | 1 / 36 | B | **455825** |
| CP 58 | 300/5 | 0,5 | 2,5 | 0,87 | 1 / 36 | B | **455830** |
| CP 58 | 400/5 | 0,5 | 2,5 | 0,87 | 1 / 36 | B | **455840** |
| CP 58 | 500/5 | 0,5 | 5 | 0,87 | 1 / 36 | B | **455850** |
| CP 58 | 600/5 | 0,5 | 5 | 0,87 | 1 / 36 | B | **455860** |

| Type | Range | Precision class | Capacity VA | Weight kg | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| CP 88 | 400/5 | 0,5 | | 1 | 1 / 20 | B | **458840** |
| CP 88 | 500/5 | 0,5 | 2,5 | 1 | 1 / 20 | B | **458850** |
| CP 88 | 600/5 | 0,5 | 5 | 1 | 1 / 20 | B | **458860** |
| CP 88 | 750/5 | 0,5 | 2,5 | 1 | 1 / 20 | B | **458875** |
| CP 88 | 800/5 | 0,5 | 3.75 | 1 | 1 / 20 | B | **458880** |
| CP 88 | 1000/5 | 0,5 | 5 | 1 | 1 / 20 | B | **458890** |

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# EVT5 - CONTROL VOLTAGE TRANSFORMER

3+0 standard +extended 3 YEAR TOTAL WARRANTY

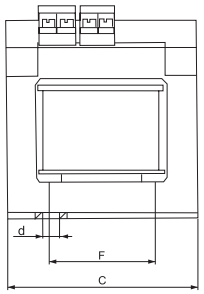
**FUNCTIONS:**
Reduction of main voltage within standard range
- Galvanic separation of the power supply circuit from the operation circuit

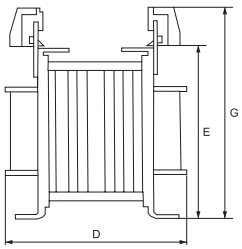
**TECHNICAL FEATURES:**
- Input voltage: 400 or 230 V
- Frequency : 50/60Hz
- Short circuit resistance: unstable
- Temperature class: B (130ºC)
- Construction: open (for installation in other products)
- Magnetic circuit: cold rolled electric furnace steel
- Coils: pure electrotechnical copper
- IP code: IP20

**CONNECTION:**
- flexible or hard conductors of relevant section to terminals

**MOUNTING:**
- Mounting in distribution boards or products
- fastening: by means of screws/bolts to the surface
- position: vertical
- ambient temperature: -20 ÷ +65ºC

**Documents corresponding to the product:** Standard EN 60051-1




| Type | Initial voltage (V) | Secondary voltage (V) | Power VA | Dimensions C | D | E | F | G | d | Packing / Box (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EVT5 - 100VA | 230 | 48-36 | 100 | 84 | 90 | 63 | 65 | 95 | 4 | 16 | B | **45248** |
| EVT5 - 100VA | 400 | 48-36 | 100 | 84 | 90 | 63 | 65 | 95 | 4 | 16 | B | **45448** |
| EVT5 - 100VA | 230 | 24-12 | 100 | 84 | 90 | 63 | 65 | 95 | 4 | 16 | B | **45243** |
| EVT5 - 100VA | 400 | 24-12 | 100 | 84 | 90 | 63 | 65 | 95 | 4 | 16 | B | **45443** |
| EVT5 - 250VA | 230 | 48-24-12 | 250 | 130 | 100 | 120 | 53 | 130 | 20 | 16 | B | **45242** |
| EVT5 - 250VA | 230 | 48-36 | 250 | 130 | 100 | 120 | 53 | 130 | 20 | 16 | B | **45242N** |
| EVT5 - 250VA | 400 | 48-24-12 | 250 | 130 | 100 | 120 | 53 | 130 | 20 | 12 | B | **45442** |
| EVT5 - 250VA | 400 | 48-36 | 250 | 130 | 100 | 120 | 53 | 130 | 20 | 12 | B | **45442N** |
| EVT5 - 250VA | 230 | 24-12 | 250 | 130 | 100 | 120 | 53 | 130 | 20 | 12 | B | **45244** |
| EVT5 - 250VA | 400 | 24-12 | 250 | 130 | 100 | 120 | 53 | 130 | 20 | 12 | B | **45444** |
| EVT5 - 500VA | 230 | 48-24-12 | 500 | 150 | 113 | 133 | 53 | 140 | 20 | 4 | B | **45245** |
| EVT5 - 500VA | 230 | 48-36 | 500 | 150 | 113 | 133 | 53 | 140 | 20 | 4 | B | **45245N** |
| EVT5 - 500VA | 400 | 48-24-12 | 500 | 150 | 113 | 133 | 53 | 140 | 20 | 4 | B | **45445** |
| EVT5 - 500VA | 400 | 48-36 | 500 | 150 | 113 | 133 | 53 | 140 | 20 | 4 | B | **45445N** |
| EVT5 - 500VA | 230 | 24-12 | 500 | 150 | 125 | 133 | 53 | 140 | 20 | 4 | B | **45246** |
| EVT5 - 500VA | 400 | 24-12 | 500 | 150 | 125 | 133 | 53 | 140 | 20 | 4 | B | **45446** |
| EVT5 - 500VA | 230 | 110-48-24 | 500 | 150 | 125 | 133 | 53 | 140 | 20 | 4 | B | **45215** |
| EVT5 - 500VA | 400 | 110-48-24 | 500 | 150 | 125 | 133 | 53 | 140 | 20 | 6 | B | **45415** |
| EVT5 -1000VA | 230 | 48-24-12 | 1000 | 170 | 125 | 150 | 65 | 155 | 20 | 2 | B | **45241** |
| EVT5 -1000VA | 230 | 48-36 | 1000 | 170 | 125 | 150 | 65 | 155 | 20 | 2 | B | **45241N** |
| EVT5 - 1000VA | 400 | 48-24-12 | 1000 | 170 | 125 | 150 | 65 | 155 | 20 | 2 | B | **45441** |
| EVT5 - 1000VA | 400 | 48-36 | 1000 | 170 | 125 | 150 | 65 | 155 | 20 | 2 | B | **45441N** |
| EVT5 - 1000VA | 230 | 24-12 | 1000 | 170 | 125 | 150 | 65 | 155 | 20 | 2 | B | **45247** |
| EVT5 - 1000VA | 400 | 24-12 | 1000 | 170 | 125 | 150 | 65 | 155 | 20 | 2 | B | **45447** |
| EVT5 - 1600VA | 230 | 48-24-12 | 1600 | 190 | 125 | 150 | 65 | 170 | 20 | 2 | B | **452416** |
| EVT5 - 1600VA | 230 | 48-36 | 1600 | 190 | 125 | 150 | 65 | 170 | 20 | 2 | B | **452416N** |
| EVT5 - 1600VA | 400 | 48-24-12 | 1600 | 190 | 125 | 150 | 65 | 170 | 20 | 2 | B | **454416** |
| EVT5 - 1600VA | 400 | 48-36 | 1600 | 190 | 125 | 150 | 65 | 170 | 20 | 2 | B | **454416N** |
| EVT5 - 1600VA | 230 | 24-12 | 1600 | 190 | 125 | 150 | 65 | 170 | 20 | 2 | B | **452417** |
| EVT5 - 1600VA | 400 | 24-12 | 1600 | 190 | 125 | 150 | 65 | 170 | 20 | 2 | B | **454417** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*




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

## INDUSTRIAL RELAYS AND BASES

3+2 standard +extended 5 YEAR TOTAL WARRANTY

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 CHARACTERISTICS:**

- 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

**METHOD OF INSTALLATION:**

- on a DIN rail by means of a socket



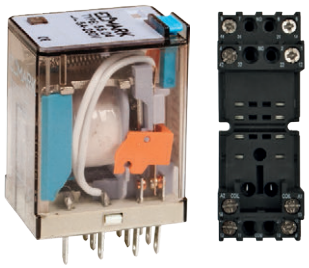

| Relay type | Voltage of the coil (V) | Socket type | Resistance of the coil ( Ω ) | Number of contacts | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| ELM - 14FC | 12 VDC | ELM-RT624-B | 260 | NO+NC | 100 / 1000 | B | **57141** |
| ELM - 14FC | 24 VDC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






| Relay type | Voltage of the coil (V) | Socket type | Resistance of the coil ( Ω ) | Number of contacts | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| ELM - 60.2 | 12 VDC | ELM - 90.22 | 96 | 2NO+2NC | 20 / 300 | B | **57601** |
| ELM - 60.2 | 24 VDC | ELM - 90.22 | 384 | 2NO+2NC | 20 / 300 | B | **57602** |
| ELM - 60.2 | 48 VDC | ELM - 90.22 | 1540 | 2NO+2NC | 20 / 300 | B | **57603** |
| ELM - 60.2 | 230 VAC | ELM - 90.22 | 7400 | 2NO+2NC | 20 / 300 | B | **57605** |
| ELM-60.2 | 24VAC | ELM-90.22 | | 2NO+2NC | 20 / 300 | B | **57606** |
| ELM - 60.13 | 12 VDC | ELM - 90.23 | 96 | 3NO+3NC | 20 / 300 | B | **57611** |
| ELM - 60.13 | 24 VDC | ELM - 90.23 | 384 | 3NO+3NC | 20 / 300 | B | **57612** |
| ELM - 60.13 | 48 VDC | ELM - 90.23 | 1540 | 3NO+3NC | 20 / 300 | B | **57613** |
| ELM - 60.13 | 110 VAC | ELM - 90.23 | 1700 | 3NO+3NC | 20 / 300 | B | **57614** |
| ELM - 60.13 | 230 VAC | ELM - 90.23 | 7400 | 3NO+3NC | 20 / 300 | B | **57615** |
| ELM-60.13 | 24VAC | ELM90.23 | | 3NO-3NC | 20/300 | B | **57616** |

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| Relay type | Voltage of the coil (V) | Socket type | Resistance of the coil ( Ω ) | Number of contacts | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| ELM - 55.02 | 12 VDC | ELM - RT702-B | 42 | 2NO+2NC | 50 / 500 | B | **57521** |
| ELM - 55.02 | 24 VDC | ELM - RT702-B | 168 | 2NO+2NC | 50 / 500 | B | **57522** |
| ELM - 55.02 | 48 VDC | ELM - RT702-B | 675 | 2NO+2NC | 50 / 500 | B | **57523** |
| ELM - 55.02 | 230 VAC | ELM - RT702-B | 14000 | 2NO+2NC | 50 / 500 | B | **57525** |
| ELM55.02 | 24VAC | ELM - RT702-B | | 2NO+2NC | 50 / 500 | B | **57526** |
| ELM - 55.04 | 12 VDC | ELM-RT704-B | 42 | 4NO+4NC | 50 / 500 | B | **57541** |
| ELM - 55.04 | 24 VDC | ELM-RT704-B | 168 | 4NO+4NC | 50 / 500 | B | **57542** |
| ELM - 55.04 | 48 VDC | ELM-RT704-B | 675 | 4NO+4NC | 50 / 500 | B | **57543** |
| ELM - 55.04 | 110 VAC | ELM-RT704-B | 3500 | 4NO+4NC | 50 / 500 | B | **57544** |
| ELM - 55.04 | 230 VAC | ELM-RT704-B | 14000 | 4NO+4NC | 50 / 500 | B | **57545** |
| ELM-55.04 | 24VAC | ELM-RT704-B | | 4NO+4NC | 50 / 500 | B | **57546** |



57901 57902, 57912

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



57904, 57905



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# INDUSTRIAL SOLID STATE RELAYS (SSR)

3+2 standard +extended 5 YEAR TOTAL WARRANTY

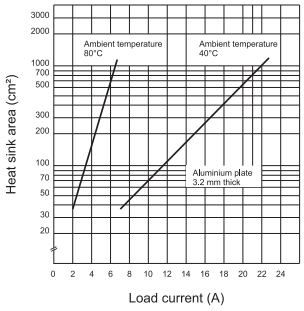


**Documents corresponding to the product:** EN 60947-5-1; EN 61810

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 following graphic:

**TECHNICAL SPECIFICATIONS:**

- 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






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

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



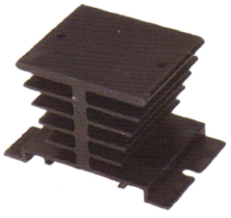
UNTIL SUPPLY LAST

| Type | Relay Type | Control Voltage (V) | Output Voltage (V) | Number of phases | Output Current (A) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| ZG1NC - 2 - 10D | SS voltage regulator | 1-10VDC | 0-230VAC | 1 | 10 | 10 / 100 | F | **57810** |
| ZG1NC - 2 - 20D | SS voltage regulator | 1-10VDC | 0-230VAC | 1 | 20 | 10 / 100 | F | **57820** |
| ZG1NC - 2 - 25D | SS voltage regulator | 1-10VDC | 0-230VAC | 1 | 25 | 10 / 100 | F | **57825** |
| ZG1NC - 3 -10D | SS voltage regulator | 1-10VDC | 0-400VAC | 2 | 10 | 10 / 100 | F | **57813** |
| ZG1NC - 3 - 20D | SS voltage regulator | 1-10VDC | 0-400VAC | 2 | 20 | 10 / 100 | F | **57823** |
| ZG1NC - 3 - 25D | SS voltage regulator | 1-10VDC | 0-400VAC | 2 | 25 | 10 / 100 | F | **57835** |
| ZG1NC - 3 - 40D | SS voltage regulator | 1-10VDC | 0-400VAC | 2 | 40 | 10 / 100 | F | **57843** |



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

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



| Type of Radiator | Overall Dimensions (L/W/H) | Approximate Load (A) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| QW-A 50 | 60 x 50 x 50 | 15 | 1 / 50 | B | **57906** |
| QW-B 72 | 72x100x50 | 20 | 1 / 50 | B | **57907** |
| QW-B 100 | 100x100x50 | 25 | 1 / 50 | B | **57908** |
| QW-C 115 | 115x100x50 | 40 | 1 / 50 | B | **57909** |
| QW-E 50 | 150x88x35 | 75 | 1 / 40 | B | **57910** |



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## DIGITAL VOLTMETER/AMPEREMETER EKDP 15 A/V

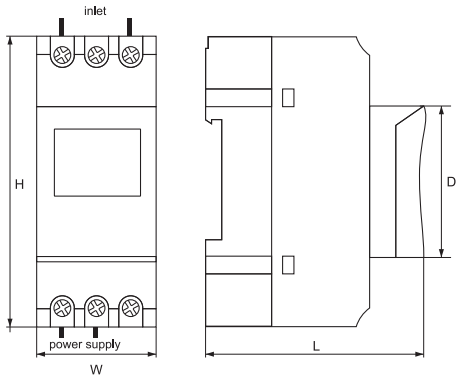
3+2 standard +extended 5 YEAR TOTAL WARRANTY

Digital device adjusted for DIN-rail mounting and offered in two types:
- amperemeter
- 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 amperemeter: 5 – 2000A (the range is adjusted from inside)

**NOTE:** At current range over 5A a current measurement transformer should be used
- Consumption: <4VA
- 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: 150gr




**MOUNTING:**
- DIN-rail

**Documents corresponding to the product:** Standard EN 61010-1

| Type | Packing/ Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| EKDP-15AA | 1 / 100 | B | **50117A** |
| EKDP-15DA | 1 / 100 | B | **50117D** |
| EKDP-15AV | 1 / 100 | B | **50116A** |
| EKDP-15DV | 1 / 100 | B | **50116D** |

Dimensions (mm)

| H | W | L | D |
|---|---|---|---|
| 88 | 36 | 64 | 45 |




## DIGITAL VOLTMETER/AMPEREMETER AND FREQUENCY METER EKDP7

3+2 standard +extended 5 YEAR TOTAL WARRANTY

Digital device adjusted for mounting on the front panel of electrical boards and offered in the following types:
- amperemeter:

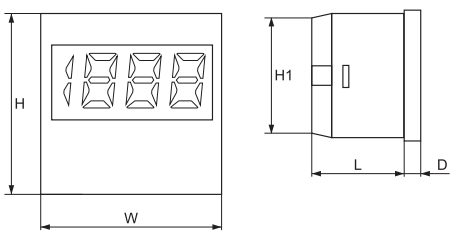
EKDP7 – AA – amperemeter for alternating current
EKDP7 – DA – amperemeter for direct current
- voltmeter:

EKDP7 – AV – voltmeter for alternating current
EKDP7 – DV – voltmeter for direct current
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 amperemeter: 5 – 2000A (the range is adjusted from inside

**NOTE:** For high current range a current measurement transformer should be used for alternating current device and a measurement shunt for direct current.
- 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 panel

**Documents corresponding to the product:** Standard EN 61010-1

| Type | Packing/ Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| EKDP7-AV | 1 / 84 | B | **50106** |
| EKDP7-AA | 1 / 84 | B | **50107** |
| EKDP7-DV | 1 / 84 | B | **50108** |
| EKDP7-DA | 1 / 84 | B | **50109** |
| EKDP7-HZ | 1 / 84 | B | **50110** |

Dimensions (mm)

| H | W | H1 | D | L |
|---|---|---|---|---|
| 72 | 72 | 68 | 6 | 42 |

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



## DIGITAL ROUND VOLTMETER/ AMPEREMETER AND FREQUENCY METER EL-ED16R

3+2 standard +extended 5 YEAR TOTAL WARRANTY

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






## DIGITAL SQUARE VOLTMETER/ AMPEREMETER AND FREQUENCY METER EL-ED16S

3+2 standard +extended 5 YEAR TOTAL WARRANTY

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






*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

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

## DIN RAIL MOUNTED KWH METERS

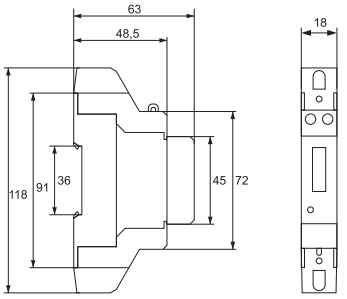
3+2 standard +extended 5 YEAR TOTAL WARRANTY

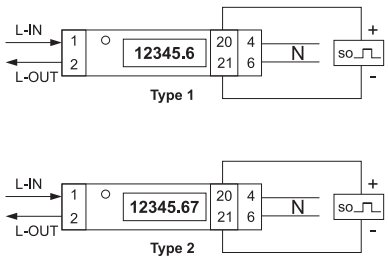
Electronic single and three phase kWh meters intended for DIN rail mounting and active energy measurement. Meters are suitable for home and commercial applications. They perform direct measurement of the real consumption of electric power and the results are shown on the LCD display. The system doesn't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

**TECHNICAL SPECIFICATIONS:**

- Direct power consumption measurement: up to 20 (80) A; 50/60Hz
- Automatic temperature compensation
- LED phase voltage outage indicator.
- Indication for wrong cable connection
- Indication for wrong measurement
- Accuracy class: 1
- Number of tariffs: see the table below
- Meter constant: See the table below

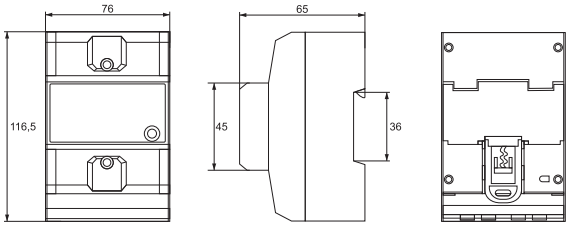


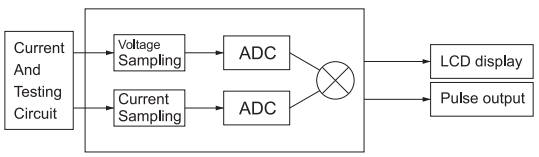



| Type | Measuring range | Number of Tariffs | Meter constant (imp/kWh) | Voltage (V) | Overall dimensions (mm) height / width / depth | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| DDS - 1Y - 45 | 5A (45A) | 1 | 1000 | 230 | 63 / 18 / 118 | 1 / 120 | B | **50214** |



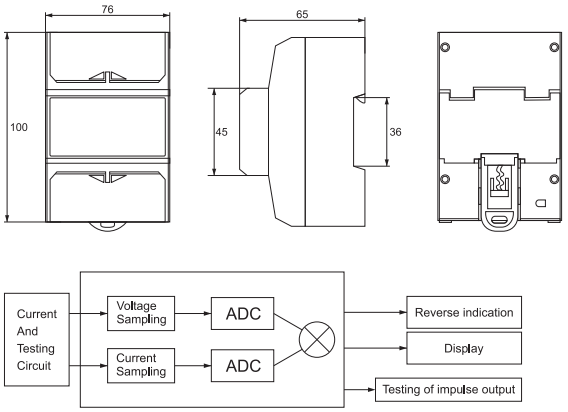


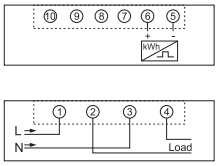




| Type | Measuring range | Number of Tariffs | Meter constant (imp/kWh) | Voltage (V) | Overall dimensions (mm) height / width / depth | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| DD4F-S01-1Y-60 | 5A (60A) | 4 | 1600 | 230 | 116.5 / 76 / 65 | 1 / 48 | B | **50220** |

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

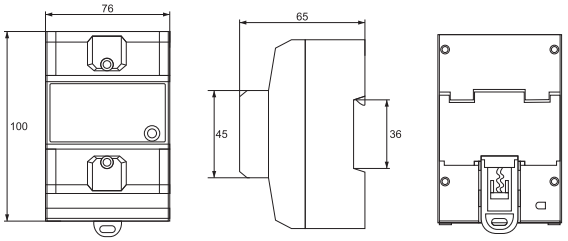


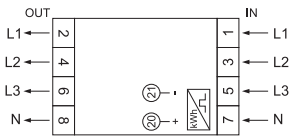



| Type | Measuring range | Number of Tariffs | Meter constant (imp/kWh) | Voltage ( V ) | Overall dimensions (mm) height / width / depth | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| DDS - 1Y - 100 | 10A (100A) | 1 | 1600 | 230 | 65 / 76 / 100 | 1 / 45 | B | **50260** |

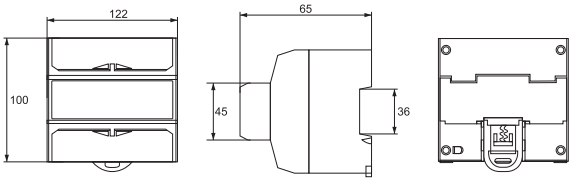


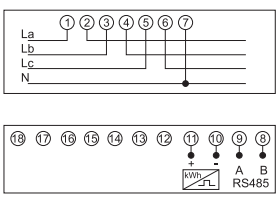



| Type | Measuring range | Number of Tariffs | Meter constant (imp/kWh) | Voltage ( V ) | Overall dimensions (mm) height / width / depth | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| DDS - 3Y 80 | 20A (80A) | 1 | 800 | 3x230/400 | 65 / 76 / 100 | 1 / 45 | B | **50380** |






| Type | Measuring range | Number of Tariffs | Meter constant (imp/kWh) | Voltage ( V ) | Overall dimensions (mm) height / width / depth | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| DTGS-S01-3Y100 | 10A (100A) | 4 | 800 | 3X230/400 | 122 / 100 / 65 | 1 / 30 | B | **50400** |



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**Documents corresponding to the product:**
Standard EN 60051-1




## ANALOGUE (POINTER) PANEL METERS SD72 TYPE FOR BUILD-IN

3+2 standard +extended 5 YEAR TOTAL WARRANTY

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 on the basis of bridge measurement schemes. There is possibility for display change for the higher scopes of measuring.

| Type | Type of the measurment system | Precision class | Range | Note | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| amperemeter AC | MEMSI | 1.5 | 0-100A | current transfer 100/5 | 1 / 100 | B | **654010** |
| amperemeter AC | MEMSI | 1.5 | 0-200A | current transfer 200/5 | 1 / 100 | B | **654020** |
| amperemeter AC | MEMSI | 1.5 | 0-400A | current transfer 400/5 | 1 / 50 | B | **654040** |
| amperemeter AC | MEMSI | 1.5 | 0-600A | current transfer 600/5 | 1 / 50 | B | **654060** |
| amperemeter AC | MEMSI | 1.5 | 0-1000A | current transfer 1000/5 | 1 / 50 | B | **654100** |
| amperemeter AC | MEMSI | 1.5 | 0-1500A | current transfer 1500/5 | 1 / 50 | B | **654150** |
| voltmeter AC* | MEMSI | 1.5 | 0-500V | - | 1 / 50 | B | **50125** |
| frequency meter** | ME | 0.5 | 45-65Hz | - | 1 / 50 | B | **50126** |
| cosφ meter | MEMSI | 1.5 | 3P 400V | - | 1 / 50 | B | **50127** |
| amperemeter DC | MEMC | 1.5 | 0-5A | - | 1 / 50 | B | **50128** |
| amperemeter DC | MEMC | 1.5 | 0-50A | outer resistor 60mV | 1 / 50 | B | **50129** |
| voltmeter DC | MEMC | 1.5 | 0-50V | - | 1 / 50 | B | **50130** |
| voltmeter DC | MEMC | 1.5 | 0-100V | - | 1 / 20 | B | **50131** |
| wattmeter | MEMSI | 1.5 | 0-3000W 1P240V | - | 1 / 25 | B | **50132** |
| wattmeter | MEMSI | 1.5 | 0-3000W 3P 3 line | - | 1 / 25 | B | **50133** |
| wattmeter | MEMSI | 1.5 | 0-3000W 3P 4 line | - | 1 / 25 | B | **50134** |

**Note:** MEMSI - magnetic-electrical movable steel instrument; MEMC – magnetic-electrical movable coil
* Possibility for supplying with voltage transformer X/100V for range expanding
** Possibility for voltage 110V, 230V , 400V



*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

# ALL-PURPOSE LIMIT SWITCH – SERIES CSA-XXX

3+0 standard +extended 3 YEAR TOTAL WARRANTY

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.

**PRODUCT CONFORMITY DOCUMENTATION:**

- Standard: EN 60947-1; EN 60947-5-1
- Dielectric strength: 1000V AC
- Rated current: 10A active; 4A inductive
- Insulating resistance: 100mΩ
- Electrical endurance (number of cycles): 500 000 with active load
- Mechanical endirance (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 2mm$^2$
- Fastening strength of terminals: 6-8kgf/cm









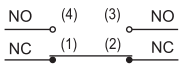









Type of contact system




| Type | Type of the head | Power of starting (g) | Power of release (g) | Switching position | General movement | Packing/ Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| CSA - 001 | metal cylinder | 800 | 400 | 2.0mm | 5.8mm | 10 / 90 | B | **46A001** |
| CSA - 003 | cylinder with metal roll | 800 | 400 | 2.0mm | 5.8mm | 10 / 90 | B | **46A003** |
| CSA - 012 | horizontal lever with metal roll | 800 | 400 | 2.0mm | 5.8mm | 10 / 90 | B | **46A012** |
| CSA - 031 | adjustable lever with metal roll | 400 | 100 | 22.5° | 95° | 10 / 80 | B | **46A031** |
| CSA - 021 | lever with metal roll | 400 | 100 | 22.5° | 95° | 10 / 80 | B | **46A021** |
| CSA - 081 | spring lever | 150 | 50 | 22.5° | 50mm | 10 / 80 | B | **46A081** |

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# ALL-PURPOSE LIMIT SWITCH – SERIES TZ-6XXX

3+0 standard +extended 3 YEAR TOTAL WARRANTY

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 aluminum shell, resistant to vibrations, lubricants and water.

**PRODUCT CONFORMITY DOCUMENTATION:**

- Standard: EN 60947-1; EN 60947-5-1
- 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 1.5mm$^2$











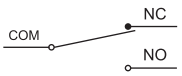


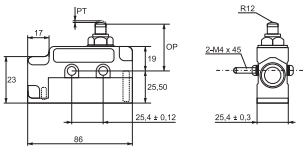


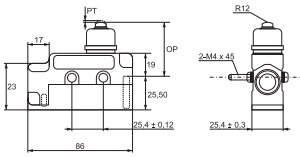


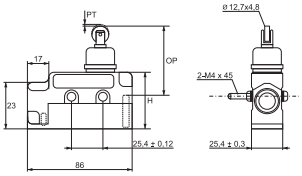


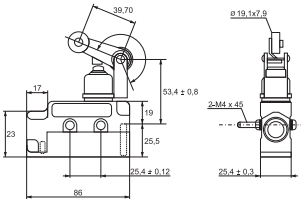
Type of contact system

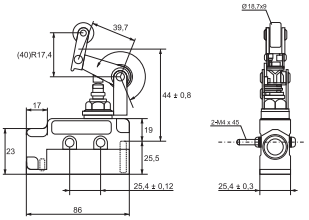


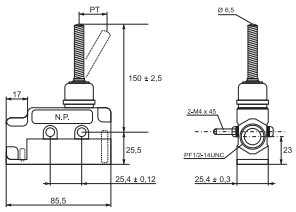




| Type | Type of the head | Power of starting (g) | Power of release (g) | Switching position | General movement | Packing/ Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| TZ-6001 | metal cylinder | 350 | 115 | 0.5mm | 5.5mm | 1 / 50 | B | **466001** |
| TZ -6101 | oil-resistant metal cylinder | 800 | 240 | 2mm | 5mm | 1 / 50 | B | **466101** |
| TZ -6102 | oil-resistant cylinder with metal roll | 500 | 100 | 1mm | 3.5mm | 1 / 50 | B | **466102** |
| TZ -6104 | oil-resistant horizontal lever with metal roll | 640 | 230 | 5mm | 6mm | 1 / 50 | B | **466104** |
| TZ -6143 | oil-resistant vertical lever with metal roll | 640 | 230 | 5mm | 6mm | 1 / 50 | B | **466143** |
| TZ -6106 | spring lever | 150 | - | 20° | - | 1 / 50 | B | **466106** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

# UNIVERSAL LIMIT SWITCH – SERIES CM-1XXX

3+0 standard +extended 3 YEAR TOTAL WARRANTY



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.

**ITEMS ARE COMPLIANT WITH THE FOLLOWING STANDARDS:**
EN 60947-1; EN 60947-5-1

- 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



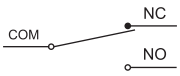








Type of contact system




| Type | Type of the head | Power of starting (g) | Power of release (g) | Switching position | General movement | Packing/ Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| CM -1307 | Metal cylinder | 350 | 114 | 0.4mm | 5.5mm | 1 / 480 | B | **468105** |
| CM -1309 | Cylinder and transverse metal roll | 350 | 114 | 0.4mm | 5.5mm | 1 / 480 | B | **468106** |
| CM -1308 | Cylinder longitudinal metal roll | 350 | 114 | 0.4mm | 5.5mm | 1 / 480 | B | **468109** |
| CM -1305 | Metal cylinder | 350 | 114 | 0.4mm | 1.6mm | 1 / 480 | B | **468110** |
| CM -1703 | Extended metal roll | 160 | 22 | 7.1mm | 1.02mm | 1 / 480 | B | **468113** |
| CM -1705 | Spring lever | 10 | 3 | 20mm | 5.6mm | 1 / 480 | B | **468117** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*








## ALL-PURPOSE LIMIT SWITCH – SERIES TZ-8XXX

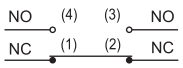
3+0 standard +extended 3 YEAR TOTAL WARRANTY

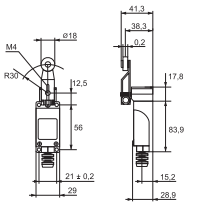
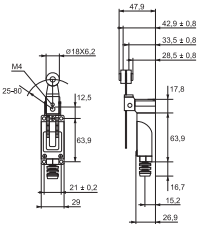
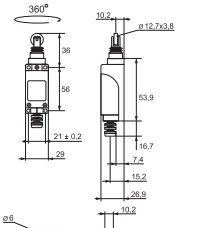
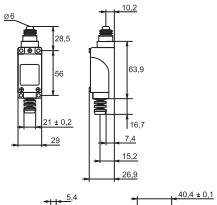
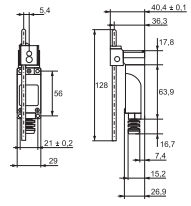
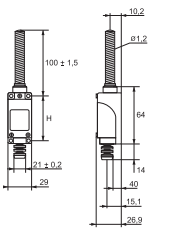
The all-purpose limit switches are devices used for setting gearing limits. They are mounted on transport lines, conveyors and other linear progressive motion machines. They have small dimensions and a vibration-resistant metal shell with plastic lid, resistant to oil and water.

**PRODUCT CONFORMITY DOCUMENTATION:**

- Standard: EN 60947-1; EN 60947-5-1
- 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



| Type | Type of the head | Power of starting (g) | Power of release (g) | Switching position | General movement | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| TZ -8104 | lever with metal roll | 750 | 100 | 20° | 50° | 10 / 100 | B | **468104** |
| TZ -8108 | adjustable lever with metal roll | 750 | 100 | 20° | 50° | 10 / 100 | B | **468108** |
| TZ -8112 | cylinder with metal roll | 900 | 150 | 1.5mm | 4.0mm | 10 / 100 | B | **468112** |
| TZ -8111 | metal cylinder | 900 | 150 | 1.5mm | 4.0mm | 10 / 100 | B | **468111** |
| TZ -8107 | metal rod | 750 | 100 | 20° | 50° | 10 / 100 | B | **468107** |
| TZ -8167 | spring lever | 150 | - | 30mm | - | 10 / 100 | B | **468167** |

# ALL-PURPOSE LIMIT SWITCH – SERIES CWL-XXX

3+0 standard +extended 3 YEAR TOTAL WARRANTY

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.

**PRODUCT CONFORMITY DOCUMENTATION:**

- Standard: EN 60947-1; EN 60947-5-1
- 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





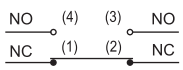


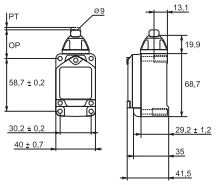


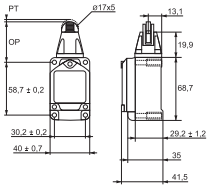


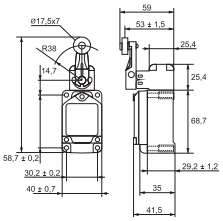


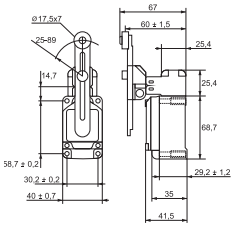
Type of contact system

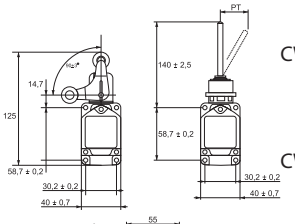


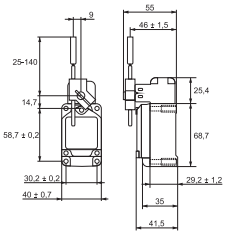




| Type | Type of the head | Power of starting (g) | Power of release (g) | Switching position | General movement | Packing/ Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| CWLD | metal cylinder | 2720 | 910 | 2.0mm | 6.4mm | 1 / 50 | B | **46LD** |
| CWLD2 | cylinder with metal roll | 2720 | 910 | 2.0mm | 5.6mm | 1 / 50 | B | **46LD2** |
| CWLCA2-2 | lever with metal roll | 1360 | 227 | 20° | 50° | 1 / 50 | B | **46LCA2-2** |
| CWLCA12-2-Q | adjustable lever with metal roll | 2720 | 910 | 20° | 50° | 1 / 50 | B | **46LCA12-2-Q** |
| CWCA32-41 | fork | 1200 | - | 55° | 90±10° | 1 / 50 | B | **46LCA32-41** |
| CWLNJ | oil-resistant spring lever | 150 | - | 28mm | 90±10° | 1 / 50 | B | **46LNJ** |
| CWLCL | metal rod | 142 | 28 | 20° | 50° | 1 / 50 | B | **46LCL** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

# UNIVERSAL LIMIT SWITCH – SERIES CZ93-XX

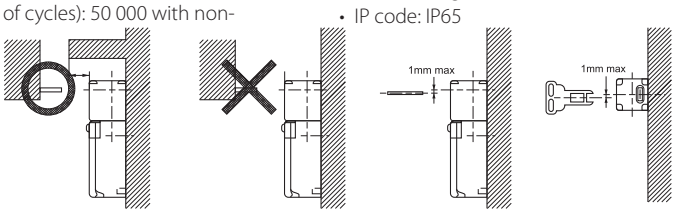
3+0 standard +extended 3 YEAR TOTAL WARRANTY




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

**COMPLIANT WITH THE FOLLOWING STANDARDS:**
EN 60947-1; EN 60947-5-1

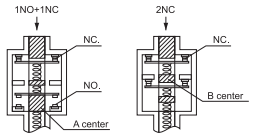
- Dielectric Strength: 2500V AC
- Rated current: 10A active; 3A inductive
- Insulation Resistance: 100mΩ min. (at 500VDC)
- Contact Resistance: 25mΩ
- Electrical Life (No. of cycles): 50 000 with non-inductive load
- Mechanical Life (No. of cycles): 2 000 000
- Operating frequency: 30 electrical operations/minute
- Operating speed: 0.1mm/s to 0.5m/s
- Rated voltage: 230V
- IP code: IP65

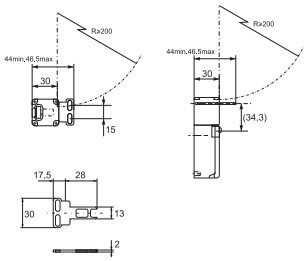


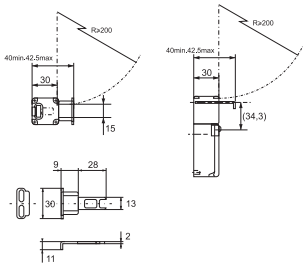




**Type of the contact system**

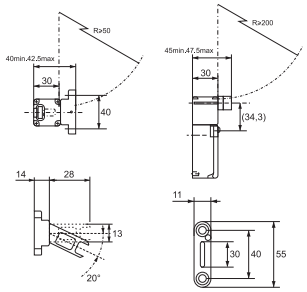



| Type | Key type | Power of starting (g) | Power of release (g) | Switching position | General movement | Packing/ Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| CZ-93BPG01 | CZ93-K1 | 147N | 29.4N | 6 mm | 28mm | 10 / 100 | B | **46CZ08** |
| CZ-93CPG01 | CZ93-K1 | 147N | 29.4N | 6 mm | 28mm | 10 / 100 | B | **46CZ09** |
| CZ-93BPG02 | CZ93-K2 | 147N | 29.4N | 6 mm | 28mm | 10 / 100 | B | **46CZ10** |
| CZ-93CPG02 | CZ93-K2 | 147N | 29.4N | 6 mm | 28mm | 10 / 100 | B | **46CZ11** |
| CZ-93BPG03 | CZ93-K3 | 147N | 29.4N | 6 mm | 28mm | 10 / 100 | B | **46CZ12** |
| CZ-93CPG03 | CZ93-K3 | 147N | 29.4N | 6 mm | 28mm | 10 / 100 | B | **46CZ13** |




| Type | Key Actuating | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| CZ 93 - K 1 | Horizontal | 1 / 100 | B | **46CZ931** |
| CZ 93 - K 2 | Vertical | 1 / 100 | B | **46CZ932** |
| CZ 93 - K 3 | Adjustable | 1 / 100 | B | **46CZ933** |

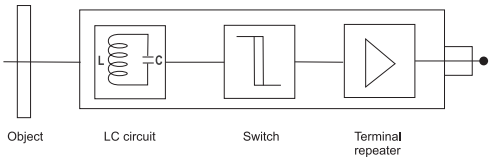
*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

# ALL-PURPOSE PROXIMITY SWITCH – SERIES LM XX

3+0 standard +extended 3 YEAR TOTAL WARRANTY

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.

- 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



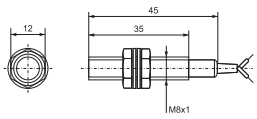
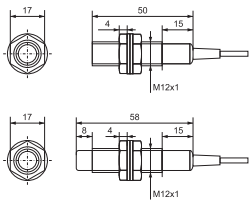
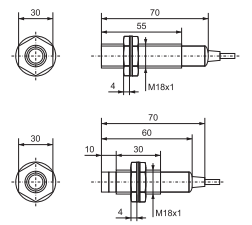
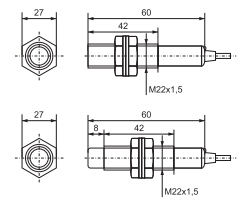
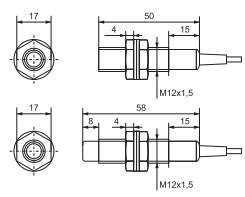
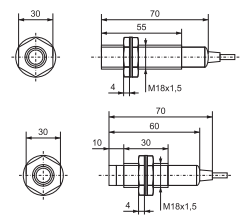


EL-LM8


EL-LM12


EL-LM18


EL-LM22

| | Type | Start distance (mm) | Power supply voltage | Type of transition | Type of contact | Output load | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
|  | EL-LM8-3002NA | 2 | 15~30 VDC | NPN | NO | 130 mA | 2 / 200 | B | **46LM 8-32NA** |
| | EL-LM8-3002NB | 2 | 15~30 VDC | NPN | NC | 130 mA | 2 / 200 | B | **46LM 8-32NB** |
| | EL-LM8-3002PA | 2 | 15~30 VDC | PNP | NO | 130 mA | 2 / 200 | B | **46LM 8-32PA** |
| | EL-LM8-3002PB | 2 | 15~30 VDC | PNP | NC | 130 mA | 2 / 200 | B | **46LM 8-32PB** |
| | EL-LM8-2002A | 2 | 90~230VAC | SCR | NO | 150 mA | 2 / 200 | B | **46LM 8-22A** |
|  | EL-LM12-3004NA | 4 | 15~30 VDC | NPN | NO | 200 mA | 2 / 200 | B | **46LM 12-34NA** |
| | EL-LM12-3004NB | 4 | 15~30 VDC | NPN | NC | 200 mA | 2 / 200 | B | **46LM 12-34NB** |
| | EL-LM12-3004PA | 4 | 15~30 VDC | PNP | NO | 200 mA | 2 / 200 | B | **46LM 12-34PA** |
| | EL-LM12-3004PB | 4 | 15~30 VDC | PNP | NC | 200 mA | 2 / 200 | B | **46LM 12-34PB** |
| | EL-LM12-2004A | 4 | 90~230VAC | SCR | NO | 300 mA | 2 / 200 | B | **46LM 12-24A** |
|  | EL-LM18-3008NA | 8 | 15~30 VDC | NPN | NO | 200 mA | 1 / 100 | B | **46LM 18-38NA** |
| | EL-LM18-3008NB | 8 | 15~30 VDC | NPN | NC | 200 mA | 1 / 100 | B | **46LM 18-38NB** |
| | EL-LM18-3008PA | 8 | 15~30 VDC | PNP | NO | 200 mA | 1 / 100 | B | **46LM 18-38PA** |
| | EL-LM18-3008PB | 8 | 15~30 VDC | PNP | NC | 200 mA | 1 / 100 | B | **46LM 18-38PB** |
| | EL-LM18-2008A | 8 | 90~230VAC | SCR | NO | 300 mA | 1 / 100 | B | **46LM 18-28A** |
|  | EL-LM22-3010NA | 10 | 15~30 VDC | NPN | NO | 200 mA | 1 / 100 | B | **46LM 22-30NA** |
| | EL-LM22-3010NB | 10 | 15~30 VDC | NPN | NC | 200 mA | 1 / 100 | B | **46LM 22-30NB** |
| | EL-LM22-3010PA | 10 | 15~30 VDC | PNP | NO | 200 mA | 1 / 100 | B | **46LM 22-30PA** |
| | EL-LM22-3010PB | 10 | 15~30 VDC | PNP | NC | 200 mA | 1 / 100 | B | **46LM 22-30PB** |
| | EL-LM22-2010A | 10 | 90~230VAC | SCR | NO | 300 mA | 1 / 100 | B | **46LM 22-20A** |
|  | EL-LM12-4002A | 2 | 230VAC | inductive | NO | 100 mA | 2 / 200 | B | **46LM 12-44A** |
| | EL-LM12-4004A | 4 | 230VAC | inductive | NO | 300 mA | 2 / 200 | B | **46LM 12-46A** |
|  | EL-LM18-4006A | 5 | 230VAC | inductive | NO | 100 mA | 1 / 100 | B | **46LM 18-44A** |
| | EL-LM18-4008A | 8 | 230VAC | inductive | NO | 300 mA | 1 / 100 | B | **46LM 18-48A** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

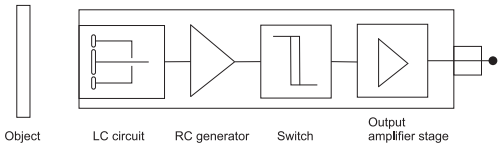
# CAPACITIVE SENSORS – SERIES CM XX

3+0 standard +extended 3 YEAR TOTAL WARRANTY


EL-CM12

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.

- 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



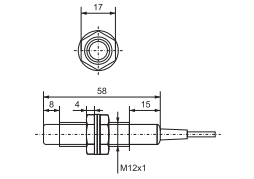
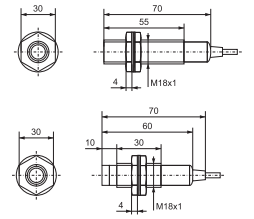
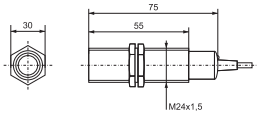
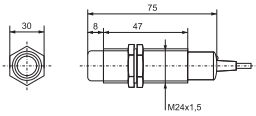
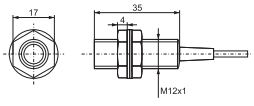
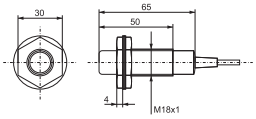


EL-CM18


EL-CM24


EL-SM12


EL-XM24

| | Type | Start distance (mm) | Power supply voltage | Type of transition | Type of contact | Output load | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
|  | EL-CM12-3004NA | 0~4 | 15~30 VDC | NPN | NO | 200 mA | 1/100 | B | **46CM 12-32NA** |
| | EL-CM12-3004NB | 0~4 | 15~30 VDC | NPN | NC | 200 mA | 1/100 | B | **46CM 12-32NB** |
| | EL-CM12-3004PA | 0~4 | 15~30 VDC | PNP | NO | 200 mA | 1/100 | B | **46CM 12-32PA** |
| | EL-CM12-3004PB | 0~4 | 15~30 VDC | PNP | NC | 200 mA | 1/100 | B | **46CM 12-32PB** |
|  | EL-CM18-3008NA | 0~8 | 15~30 VDC | NPN | NO | 200 mA | 1/100 | B | **46CM 18-38NA** |
| | EL-CM18-3008NB | 0~8 | 15~30 VDC | NPN | NC | 200 mA | 1/100 | B | **46CM 18-38NB** |
| | EL-CM18-3008PA | 0~8 | 15~30 VDC | PNP | NO | 200 mA | 1/100 | B | **46CM 18-38PA** |
| | EL-CM18-3008PB | 0~8 | 15~30 VDC | PNP | NC | 200 mA | 1/100 | B | **46CM 18-38PB** |
| | EL-CM18-2008A | 0~8 | 90~230VAC | SCR | NO | 300 mA | 1/100 | B | **46CM 18-28A** |
|  | EL-CM24-3012NA | 8 | 15~30 VDC | NPN | NO | 200 mA | 1/100 | B | **46CM 24-12NA** |
| | EL-CM24-3012NB | 8 | 15~30 VDC | NPN | NC | 200 mA | 1/100 | B | **46CM 24-12NB** |
| | EL-CM24-3012PA | 8 | 15~30 VDC | PNP | NO | 200 mA | 1/100 | B | **46CM 24-12PA** |
|  | EL-CM24-3012PB | 8 | 15~30 VDC | PNP | NC | 200 mA | 1/100 | B | **46CM 24-12PB** |
| | EL-CM24-2012A | 8 | 90~230VAC | SCR | NO | 300 mA | 1/100 | B | **46CM 24-12A** |
|  | EL-SM12-3110NA | 10 | 15~30 VDC | NPN | NO | 200 mA | 2/200 | B | **46SM 12-31NA** |
| | EL-SM12-3110NB | 10 | 15~30 VDC | NPN | NC | 200 mA | 2/200 | B | **46SM 12-31NB** |
| | EL-SM18-3110PA | 10 | 15~30 VDC | PNP | NO | 200 mA | 1/100 | B | **46SM 18-31PA** |
| | EL-SM18-3110PB | 10 | 15~30 VDC | PNP | NC | 200 mA | 1/100 | B | **46SM 18-31PB** |
|  | EL-XM18-305PMI | 5 | 15~30 VDC | inductive | NO | 100 mA | 1/100 | B | **46XM 18-35A** |
| | EL-XM18-305PMU | 5 | 15~30 VDC | inductive | NC | 100 mA | 1/100 | B | **46XM 18-35B** |
| | **Note:** Sensor of Hall | | | | | | | | |
| | EL-XM24-308PMI | 8 | 15~30 VDC | inductive | NO | 300 mA | 1/100 | B | **46XM 24-38A** |
| | EL-XM24-308PMU | 8 | 15~30 VDC | inductive | NC | 300 mA | 1/100 | B | **46XM 24-38B** |

**Note:** MI - current type; MU - voltage type

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

# PHOTOELECTRICAL SENSOR

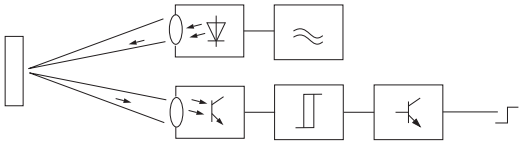
3+0 standard +extended 3 YEAR TOTAL WARRANTY


EL-G12

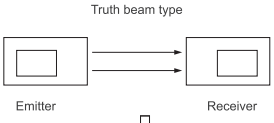
Photoelectrical sensors of the Gxx series are all-purpose switches used in machine systems and equipment for no contact surveillance of motion of elements. They are based on the photoelectric principle of operation – inside the sensor there is a photo signal emitter and receiver of the returned signal. 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 metal cylindrical shell resistant to vibrations and a plastic lid which is oil and water resistant.

**TECHNICAL FEATURES:**

- 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

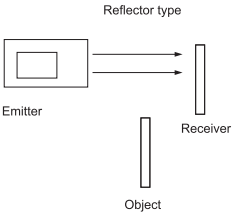



EL-G18



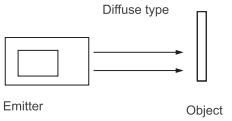


EL-G30



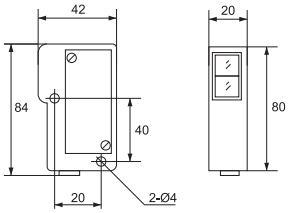


EL-G35



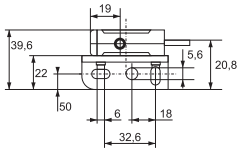


EL-G50





EL-BZJ




| Type | Start distance | Type of transition | Type of contact | Type of sensor | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| EL-G12-3A07NA | 70 mm | NPN | Ø12; l=50 | Diffuse | 1 / 100 | B | **46G12A071** |
| EL-G12-3A07PA | 70 mm | PNP | Ø12; l=50 | Diffuse | 1 / 100 | B | **46G12A072** |
| EL-G12-3C3NA | 3 m | NPN | Ø12; l=50 | Truth beam | 1 / 100 | B | **46G123C11** |
| EL-G12-3C3PA | 3 m | PNP | Ø12; l=50 | Truth beam | 1 / 100 | B | **46G123C12** |
| EL-G18-3A10NA | 100 mm | NPN | Ø18; l=70 | Diffuse | 1 / 100 | B | **46G18A101** |
| EL-G18-3A10PA | 100 mm | PNP | Ø18; l=70 | Diffuse | 1 / 100 | B | **46G18A102** |
| EL-G18-3B2NA | 2 m | NPN | Ø18; l=70 | Reflector | 1 / 100 | B | **46G183B11** |
| EL-G18-3B2PA | 2 m | PNP | Ø18; l=70 | Reflector | 1 / 100 | B | **46G183B12** |
| EL-G18-3C5NA | 5 m | NPN | Ø18; l=70 | Truth beam | 1 / 100 | B | **46G185C11** |
| EL-G18-3C5PA | 5 m | PNP | Ø18; l=70 | Truth beam | 1 / 100 | B | **46G185C12** |
| EL-G30-3A70NA | 500 mm | NPN | Ø22; l=70 | Diffuse | 1 / 100 | B | **46G30A101** |
| EL-G30-3A70PA | 500 mm | PNP | Ø22; l=70 | Diffuse | 1 / 100 | B | **46G30A102** |
| EL-G30-3B3NA | 3 m | NPN | Ø22; l=70 | Reflector | 1 / 100 | B | **46G303B11** |
| EL-G30-3B3PA | 3 m | PNP | Ø22; l=70 | Reflector | 1 / 100 | B | **46G303B12** |
| EL-G30-3C101NA | 10 m | NPN | Ø22; l=70 | Truth beam | 1 / 52 | B | **46G305C11** |
| EL-G30-3C101PA | 10 m | PNP | Ø22; l=70 | Truth beam | 1 / 52 | B | **46G305C12** |
| EL-G35-3A50NA | 500 mm | NPN | NO | Diffuse | 1 / 100 | B | **46G35A101** |
| EL-G35-3A50PA | 500 mm | PNP | NO | Diffuse | 1 / 100 | B | **46G35A102** |
| EL-G35-3B3NA | 3 m | NPN | NO | Reflector | 1 / 100 | B | **46G353B11** |
| EL-G35-3B3PA | 3 m | PNP | NO | Reflector | 1 / 100 | B | **46G353B12** |
| EL-G35-3C5NA | 5 m | NPN | NO | Truth beam | 1 / 50 | B | **46G355C11** |
| EL-G35-3C5PA | 5 m | PNP | NO | Truth beam | 1 / 50 | B | **46G355C12** |
| EL-G50-3A30NA | 500 mm | NPN | NO | Diffuse | 1 / 100 | B | **46G50A101** |
| EL-G50-3A30PA | 500 mm | PNP | NO | Diffuse | 1 / 100 | B | **46G50A102** |
| EL-G50-3B4NA | 4 m | NPN | NO | Reflector | 1 / 100 | B | **46G503B11** |
| EL-G50-3B4PA | 4 m | PNP | NO | Reflector | 1 / 100 | B | **46G503B12** |
| EL-G50-3C5NA | 5 m | NPN | NO | Truth beam | 1 / 50 | B | **46G505C11** |
| EL-G50-3C5PA | 5 m | PNP | NO | Truth beam | 1 / 50 | B | **46G505C12** |
| EL-BZJ-211 | 10 mm | Reflector | NO | Colour detector | 1 / 50 | B | **46BZJ211** |
| EL-BZJ-311 | 9mm | Reflector | NO | Colour detector | 1 / 50 | B | **46BZJ311** |
| EL-BZJ-411 | 9mm | Reflector | NO | Colour detector | 1 / 50 | B | **46BZJ411** |

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

# POWER SUPPLIES

3+2 standard +extended 5 YEAR TOTAL WARRANTY




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 are able to 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 SPECIFICATIONS:**

- 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




| Type | Output Voltage (V) | Output Load (A) | Tolerance | Power (W) | Dimensions W/H/L (mm) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| DR - 45 -5 | 5 | 5 | ±2% | 25 | 78 / 93 / 56 | 1 / 50 | B | **46DR455** |
| DR - 45 - 12 | 12 | 3.5 | ±1% | 42 | 78 / 93 / 56 | 1 / 50 | B | **46DR4512** |
| DR - 45 - 15 | 15 | 2.8 | ±1% | 42 | 78 / 93 / 56 | 1 / 45 | B | **46DR4515** |
| DR - 45 - 24 | 24 | 2 | ±1% | 48 | 78 / 93 / 56 | 1 / 16 | B | **46DR4524** |

| Type | Output Voltage (V) | Output Load (A) | Tolerance | Power (W) | Dimensions W/H/L (mm) | Packing / Box (pcs) | Packing / Box (pcs) | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| DR - 75 -12 | 12 | 6.3 | ±2% | 75 | 55.5 / 125.3 / 100 | 1 / 18 | B | **46DR7512** |
| DR - 75 - 24 | 24 | 3.2 | ±1% | 75 | 55.5 / 125.3 / 100 | 1 / 18 | B | **46DR7524** |
| DRP - 240 - 24 | 24 | 10 | ±1% | 240 | 125.5 / 125.3 / 100 | 1 / 12 | B | **46DR2424** |

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# FLOAT SWITCHES

3+0 standard +extended 3 YEAR TOTAL WARRANTY




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.

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.

| Type | Number of probes (No. of levels) | Output Load (A) | Accuracy | Operating Voltage (V) | Note | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| DHC1Y - S | 1 | 5 | ±1% | 230 | - | 100 | B | **46DW001** |
| DHC1Y - SD | 3 | 5 | ±1% | 230 | - | 100 | B | **46DW002** |
| DHC1Y - T | 1 | 5 | ±1% | 230 | 2 pumps control | 100 | B | **46DW003** |



**QW - 70AB**



**QW - M 15 - 3**

| Type | Number of probes (No. of levels) | Output Load (A) | Accuracy | Operating Voltage (V) | Note | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| QW - M 15 - 3 | 2 | 6 | ±1% | 230 | - | 1 / 30 | B | **46DW004** |
| QW - 70AB | 2 | 4 | ±1% | 230 | - | 1 / 20 | B | **46DW005** |



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



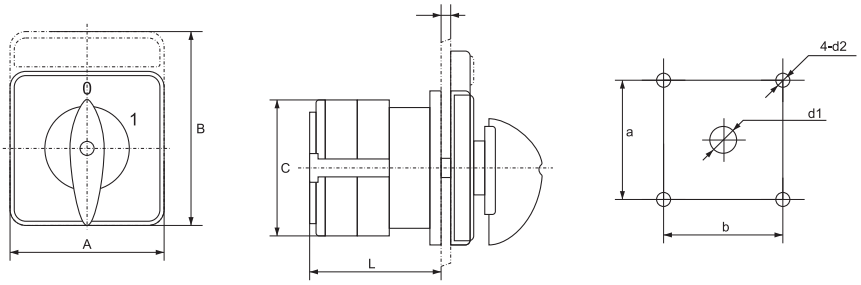

# ROTARY SWITCHES LW26 SERIES

3+2 standard +extended 5 YEAR TOTAL WARRANTY

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



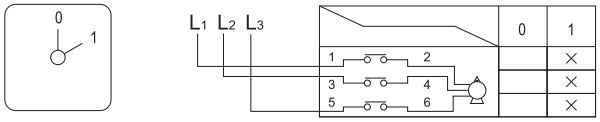

| Type | Scheme | In (A) | Levels | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| LW26 - 10Q | Q10 three-poles switching on; motor starting and stopping; voltage turning on/off to the consumers | 10 | 2 | 1 / 100 | B | **492101** |
| LW26 - 16Q | | 16 | 2 | 1 / 100 | B | **492161** |
| LW26 - 20Q | | 20 | 2 | 1 / 100 | B | **492201** |
| LW26 - 25Q | | 25 | 2 | 1 / 100 | B | **492251** |
| LW26 - 32Q | | 32 | 2 | 1 / 72 | B | **492321** |
| LW26 - 63Q | | 63 | 2 | 1 / 30 | B | **492631** |
| LW26 - 125Q | | 125 | 2 | 1 / 24 | B | **492951** |
| LW26 - 160Q | | 160 | 2 | 1 / 27 | B | **492961** |

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| Type | Scheme | In (A) | Levels | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| 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 | B | **492207** |
| LW26GS - 25/04 | | 25 | 2 | 1 / 100 | B | **492257** |
| LW26GS - 32/04 | | 32 | 2 | 1 / 72 | B | **492327** |
| LW26GS - 63/04 | | 63 | 2 | 1 / 30 | B | **492637** |

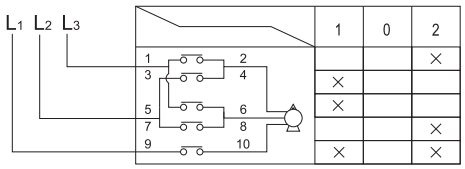







| Type | Scheme | In (A) | Levels | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| LW26 - 20N | N11 3-position – 2 start positions and 1 stop;for motor reversing | 20 | 3 | 1 / 100 | B | **492202** |
| LW26 - 25N | | 25 | 3 | 1 / 100 | B | **492252** |
| LW26 - 32N | | 32 | 3 | 1 / 64 | B | **492322** |
| LW26 - 63N | | 63 | 3 | 1 / 48 | B | **492632** |
| LW26 - 125N | | 125 | 3 | 1 / 24 | B | **492952** |
| LW26 - 160N | | 160 | 3 | 1 / 18 | B | **492962** |



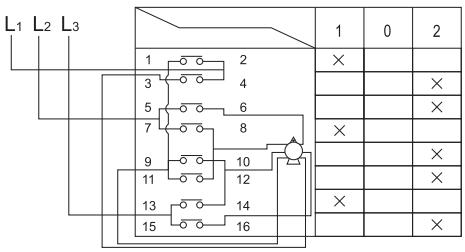





| Type | Scheme | In (A) | Levels | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| LW26 - 25S | S19 3-position – 2 start positions and 1 stop; for two speed motor control; switching over between charging* | 25 | 4 | 1 / 100 | B | **492253** |
| LW26 - 63S | | 63 | 4 | 1 / 30 | B | **492633** |
| LW26 - 125S | | 125 | 4 | 1 / 24 | B | **492953** |
| LW26 - 160S | | 160 | 4 | 1 / 18 | B | **492963** |





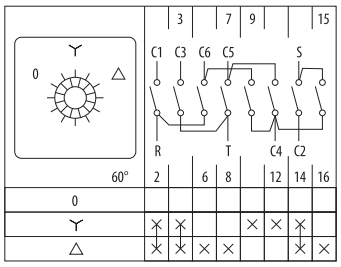




**Note:** It is necessary that additional bridges be placed at switching over between charging



| Type | Scheme | In (A) | Levels | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| LW26 - 25 SD | S21 3-position switching on star/delta | 25 | 4 | 1 / 100 | B | **492025** |
| LW26 - 63 SD | | 63 | 4 | 1 / 30 | B | **492063** |

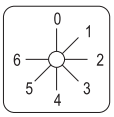


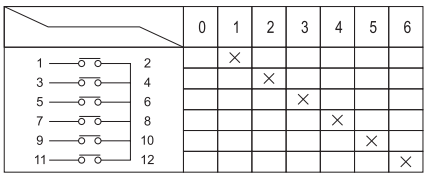



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| Type | Scheme | In (A) | Levels | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| LW26 - 32H 5881/3 | H5881/3 – 85 for welding transformer windings switching over | 32 | 3 | 1 / 64 | B | **492324** |
| LW26 - 63H 5881/3 | | 63 | 3 | 1 / 48 | B | **492634** |

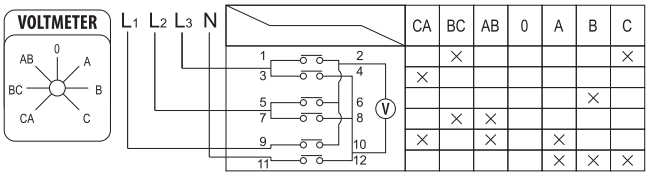






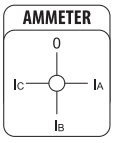
| Type | Scheme | In (A) | Levels | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| LW26 - 20 YH5/3 | YH5/3 - 66 for voltage switching over | 20 | 3 | 1 / 72 | B | **492205** |

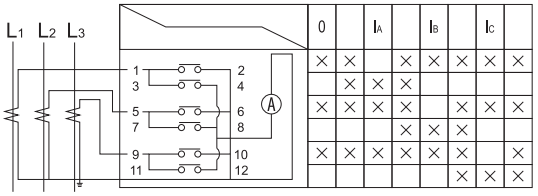






| Type | Scheme | In (A) | Levels | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| LW26 - 20 LH3/3 | LH3/3 - 58 for amperemeter switching on to current transformers | 20 | 3 | 1 / 100 | B | **492206** |



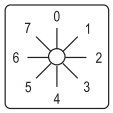



| Type | Scheme | IP code: | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| LW26 - 20-25-Q | Box for LW26-20/25 | IP 42 | 1 / 68 | B | **492037** |
| LW26 - 32-Q | Box for LW26-32 | IP 42 | 1 / 30 | B | **492038** |
| LW26 - 20-25-DIN | Adaptor for DIN-rail for LW26-20/25 | | 15 / 1500 | B | **492039** |

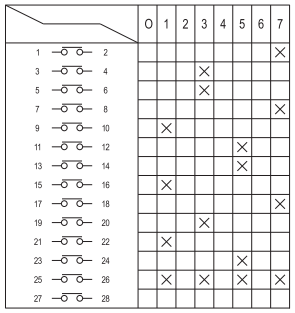
***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



| Type | Scheme | In (A) | Levels | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| LW26 4.I7168/7 | 4.I7168/7 | 20 | 7 | 1 / 100 | B | **492028** |

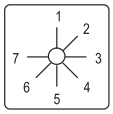



4.I7168/7

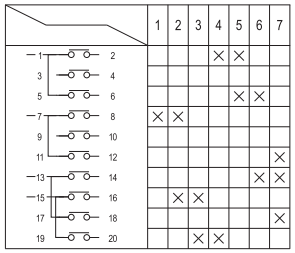


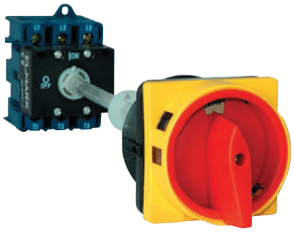



| Type | Scheme | In (A) | Levels | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| LW26 4.H6518/5 | 4.H6518/5 | 25 | 5 | 1 / 100 | B | **492029** |




4.H6518/5

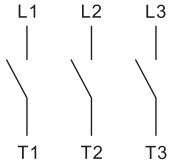


| Type | Scheme | In (A) | Levels | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| LW30-20 | LW30-20 | 20 | 3 | 1 / 32 | B | **492030** |
| LW30-32 | LW30-32 | 32 | 3 | 1 / 32 | B | **492031** |
| LW30-40 | LW30-40 | 40 | 3 | 1 / 32 | B | **492033** |
| LW30-63 | LW30-63 | 63 | 3 | 1 / 32 | B | **492034** |

* Possibility for access control

LW30-20-100A
ON/OFF switch 3 poles



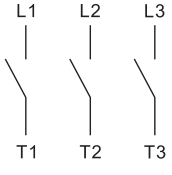




| Type | Scheme | IP code: | In (A) | Levels | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| LW30-32 | LW30-32 | IP54 | 32 | 3 | 1 / 30 | B | **492032** |

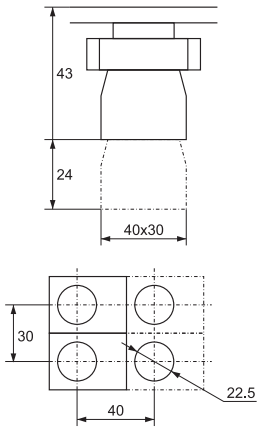
* Possibility for access control

LW30-20-100A
ON/OFF switch 3 poles




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




Overall dimensions
Diagram for drill the openings

# BUTTONS AND LED INDICATORS

3+2 standard +extended 5 YEAR TOTAL WARRANTY

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 2.5mm$^2$ can be joined.

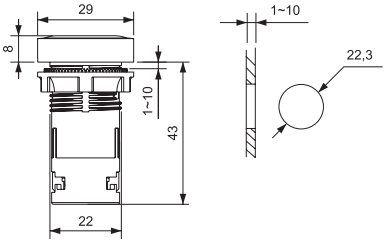
**DOCUMENTATION CORRESPONDING TO THE PRODUCT:**
- Standard: EN 60947-1; EN 60947-5-1

**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; 1x2.5mm$^2$

**MOUNTING:**
- to a flat metal or plastic surface with thickness: max 4mm
- opening with size: Ø 22.5mm



| Type | Description | Type of contacts | Rated current (A) at 400V | Colour | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| EL-EA25 | Button round with spring reverse | NO+NC | 6 | black | 10/500 | B | **401025** |
| EL-EA31 | | NO | 6 | green | 10/500 | B | **401030** |
| EL-EA42 | | NC | 6 | red | 10/500 | B | **401040** |

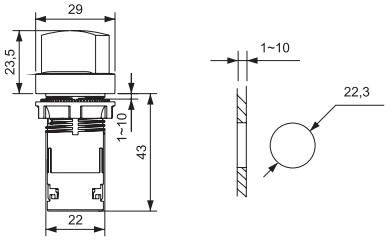





| Type | Description | Type of contacts | Rated current (A) at 400V | Colour | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| EL-EA25 | Button round with spring reverse and silicon lid- IP44 | NO+NC | 6 | black | 10/500 | B | **401026** |
| EL-EA31 | | NO | 6 | green | 10/500 | B | **401033** |
| EL-EA42 | | NC | 6 | red | 10/500 | B | **401041** |



| Type | Description | Type of contacts | Rated current (A) at 400V | Colour | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| EL-ED25 | Switch with arrest | NO+NC | 6 | black | 10/500 | B | **401425** |

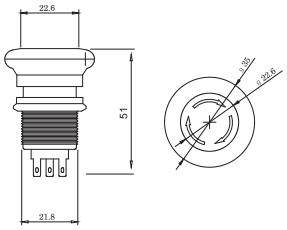



***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



| Type | Description | Type of contacts | Rated current (A) at 230V | Colour | Diameter (mm) | Note | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| EL-2211T | Button with head "mushroom" type | 1NO+1NC | 5 | red | 22 | release with spinning | 20/800 | B | **401546** |

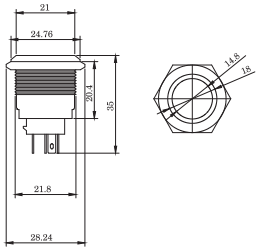
Material: Stainless steel | Chromium plated brass| IP65






| Type | Description | Type of contacts | Rated current (A) at 230V | Colour | Diameter (mm) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| EL-2211DZR | Button round with LED indicator-latching | 1NO+1NC | 5 | red | 22 | 20/800 | B | **401547** |
| EL-2211DZG | | 1NO+1NC | 5 | green | 22 | 20/800 | B | **401548** |

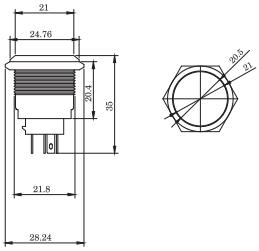
Material: Stainless steel | Chromium plated brass| IP65






| Type | Description | Type of contacts | Rated current (A) at 230V | Diameter (mm) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| EL-2211F | Button round momentary | 1NO+1NC | 5 | 22 | 20/800 | B | **401549** |

Material: Stainless steel | Chromium plated brass| IP65



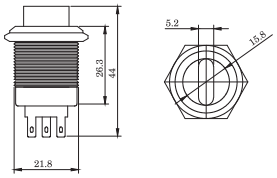



*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



| Type | Description | Type of contacts | Rated current (A) at 230V | Colour | Diameter (mm) | Note | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| EL-22X2 | Two position Switch with arrest | 1NO+1NC | 5 | red | 22 | release with spinning | 20/800 | B | **401550** |

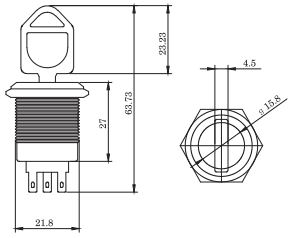
Material: Stainless steel | Chromium plated brass| IP65






| Type | Description | Type of contacts | Rated current (A) at 230V | Colour | Diameter (mm) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| EL-22Y2 | Two position Key Switch with arrest | 1NO+1NC | 5 | red | 22 | 20/800 | B | **401551** |
| EL-22Y3 | Three position Key Switch with arrest | 2NO+2NC | 5 | green | 22 | 20/800 | B | **401552** |

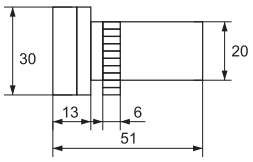
Material: Stainless steel | Chromium plated brass| IP65





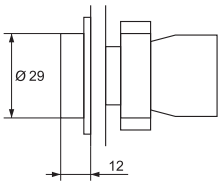

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*





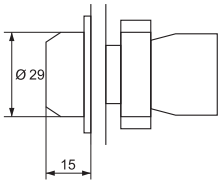

| Type | Description | Voltage (V) | Colour | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| AD56-22-W-230 | LED indicators | 230V AC | white | 10 / 500 | B | **401123** |
| AD56-22-W-110 | | 110V AC | white | 10 / 500 | B | **401111** |
| AD56-22-W-24 | | 24V AC/DC | white | 10 / 500 | B | **401124** |
| AD56-22-A-110 | | 110V AC | amber | 10 / 500 | B | **401211** |
| AD56-22-A-24 | | 24V AC/DC | amber | 10 / 500 | B | **401224** |
| AD56-22-A-230 | | 230V AC | amber | 10 / 500 | B | **401223** |
| AD56-22-PG-230 | | 230V AC | green | 10 / 500 | B | **401323** |
| AD56-22-PG-110 | | 110V AC | green | 10 / 500 | B | **401311** |
| AD56-22-PG-24 | | 24V AC/DC | green | 10 / 500 | B | **401324** |
| AD56-22-B-230 | | 230V AC | blue | 10 / 500 | B | **401523** |
| AD56-22-B-110 | | 110V AC | blue | 10 / 500 | B | **401511** |
| AD56-22-B-24 | | 24V AC/DC | blue | 10 / 500 | B | **401524** |
| AD56-22-Y-230 | | 230V AC | yellow | 10 / 500 | B | **401723** |
| AD56-22-Y-110 | | 110V AC | yellow | 10 / 500 | B | **401711** |
| AD56-22-Y-24 | | 24V AC/DC | yellow | 10 / 500 | B | **401724** |
| AD56-22-R-230 | | 230V AC | red | 10 / 500 | B | **401423** |
| AD56-22-R-110 | | 110V AC | red | 10 / 500 | B | **401411** |
| AD56-22-R-24 | | 24V AC/DC | red | 10 / 500 | B | **401424** |






| Type | Description | Type of contacts | Rated current (A) at 400V | Colour | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| EL 2- BA 21 | Button round with spring reverse | NO | 6 | black | 20 / 300 | B | **401021** |
| EL 2- BA 31 | | NO | 6 | green | 20 / 300 | B | **401031** |
| EL 2- BA 51 | | NO | 6 | yellow | 20 / 300 | B | **401051** |
| EL 2- BA 61 | | NO | 6 | blue | 20 / 300 | B | **401061** |
| EL 2- BA 42 | | NC | 6 | red | 20 / 300 | B | **401042** |





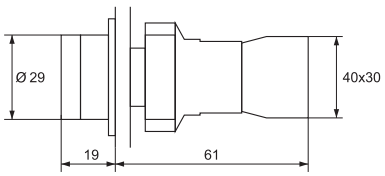

| Type | Description | Type of contacts | Rated current (A) at 400V | Colour | Note | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| EL 2- BP 31 | Button round with spring reverse | NO | 6 | green | IP=65 Provided from silicon lid | 20 / 300 | B | **401032** |
| EL 2- BP 42 | | NC | 6 | red | IP=65 Provided from silicon lid | 20 / 300 | B | **401043** |



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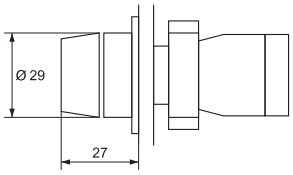


| Type | Description | Voltage (V) | Rated current (A) at 400V | Colour | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| EL 2- BW3471 | Button round with spring reverse and LED indicator | 24V | 6 | red | 20 / 200 | B | **401474** |
| EL 2- BW3371 | | 24V | 6 | green | 20 / 200 | B | **401374** |
| EL 2- BW3571 | | 24V | 6 | yellow | 20 / 200 | B | **401574** |
| EL 2- BW3671 | | 24V | 6 | blue | 20 / 200 | B | **401674** |
| EL 2- BW3471 | | 110V | 6 | red | 20 / 200 | B | **401473** |
| EL 2- BW3371 | | 110V | 6 | green | 20 / 200 | B | **401373** |
| EL 2- BW3571 | | 110V | 6 | yellow | 20 / 200 | B | **401573** |
| EL 2- BW3671 | | 110V | 6 | blue | 20 / 200 | B | **401673** |
| EL 2- BW3471 | | 230V | 6 | red | 20 / 200 | B | **401471** |
| EL 2- BW3371 | | 230V | 6 | green | 20 / 200 | B | **401371** |
| EL 2- BW3571 | | 230V | 6 | yellow | 20 / 200 | B | **401571** |
| EL 2- BW3671 | | 230V | 6 | blue | 20 / 200 | B | **401671** |



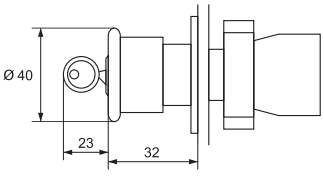



| Type | Description | Type of contacts | Rated current (A) at 400V | Colour | Note | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| EL 2- BD 21 | Switch with arrest | 1NO | 6 | black | two-position | 20 / 200 | B | **401421** |
| EL 2- BD 33 | | 2NO | 6 | black | three-position | 20 / 200 | B | **401433** |





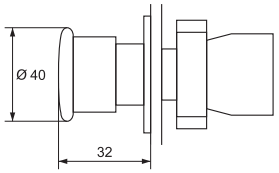

| Type | Description | Type of contacts | Rated current (A) at 400V | Colour | Note | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| EL2-BS 142 | Button with head "mushroom" type and with key | NC | 6 | red | release with spinning | 15/150 | B | **401142** |




***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



| Type | Description | Type of contacts | Rated current (A) at 400V | Colour | Note | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| EL 2- BC 42 | Button with head "mushroom" type | 1NC | 6 | red | spring reverse | 15 / 150 | B | **401642** |

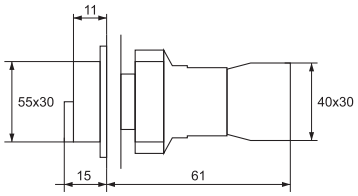


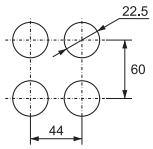



| Type | Description | Type of contacts | Rated current (A) at 400V | Colour | Note | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| EL 2- BS 545 | Button with head "mushroom" type | 1NC + 1NO | 6 | red | release with spinning | 15 / 150 | B | **401545** |



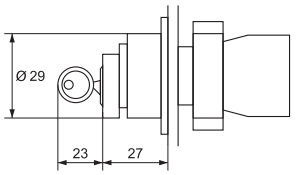
| Type | Description | Type of contacts | Rated current (A) at 400V | Voltage (V) | Note | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| EL 2- BW8475 | Button double | 1NO+1NC | 6 | 24 AC | Green and red button + LED indicator | 20 / 200 | B | **401844** |
| EL 2-BW8475 | Button double | 1NO+1NC | 6 | 230 AC | Green and red button+LED indicator | 20/200 | B | **401845** |






| Type | Description | Type of contacts | Rated current (A) at 400V | Note | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| EL 2- BG 21 | Change-over switch with switch | 1NO | 6 | two-position with switch | 20 / 200 | B | **401121** |






| Type | Description | Type of contacts | Colour | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| EL02 - BE101 | 1 | 1 NO | green | 100 / 1000 | B | **401001** |
| EL02 - BE102 | 2 | 1 NC | red | 100 / 1000 | B | **401002** |

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

# BUTTONS AND LED INDICATORS

2+0 standard +extended 2 YEAR TOTAL WARRANTY



| Type | Description | Voltage (V) | Rated current (A) | LED colour | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| ASW-13 | Toggle Switch ON-OFF SPST | 12 VDC | 20 | red | 1 | B | **M519114** |

Function: ON/OF | Leads: 3 | Body dimensions: 30.5 x 13.5 x 22mm | Mounting hole diameter - 12 mm| Toggle height - 27 mm | Operating temperature -from - 25 ºC to + 85 ºC



| Type | Description | Voltage (V) | Rated current (A) | LED colour | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| SMTS 102 | Switch ON-OFF | 250 VAC | 1 | 1 | 1 | B | **M030210** |

Function: ON/OF | Positions: 2 | Leads: 3 | Mounting hole diameter - 7 mm | Body dimensions - 8 x 13x 10 | Toggle height: 11 mm | Operating temperature: -25 ˚C ÷ +85 ˚C



| Type | Description | Voltage (V) | Rated current (A) | LED colour | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| MTS203 | Switch ON-OFF- ON | 250 VAC | 3 | 1 | 1 | B | **M030123** |

Function: ON/OF/ON | Positions: 3 | Leads: 6 | Mounting hole diameter - M6 x 0.75 mm | Body dimensions -13.2 x 12.7 x 9.5 | Toggle height: 11 mm | Operating temperature: -25˚C ÷ +85 ˚C




| Type | Description | Voltage (V) | Rated current (A) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| MTS201 | Switch ON-OFF | 250 VAC | 15 | 1 | B | **M030221** |

Function: ON/OF | Positions: 2 | Leads: 4 screw terminals Contacts | Mounting hole diameter: 12 mm | Body dimensions -34 x 23 x 41 | Toggle height: 18 mm | Operating temperature: -25˚C ÷ +85 ˚C

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days.*



| Type | Description | Voltage (V) | Rated current (A) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| MTS03A | Switch ON-OFF- ON | 250 VAC | 15 | 1 | B | **M030059** |

Function: ON/OF | Positions: 3 | Leads: 6 screw terminals Contacts | Mounting hole diameter: 12 mm | Body dimensions -34 x 23 x 41 | Toggle height: 18 mm | Operating temperature: -60˚C ÷ +85˚C



| Type | Description | Voltage (V) | Rated current (A) | Colour | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| V 144/B | Switch ON-OFF | 250 VAC | 5 | white | 1 | B | **M300001** |

Function: ON/OF | Leads: 3 | Body dimensions: 26.2 x 12 x 14.5 mm | Mounting hole - 29 x 11 mm | Operating temperature - up to 105°C




| Type | Description | Voltage (V) | Rated current (A) | LED colour | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| E-232 | Switch ON-OFF | 250 VAC | 20 | red | 1 | B | **M030232** |

Function: ON/OF| Positions: 2 | Mounting hole size - 22 x 30 mm | Body dimensions - 32 x 25 x 30 mm | Operating temperature - up to 150° C




| Type | Description | Voltage (V) | Rated current (A) | Colour | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| RS102-8C | Switch ON-OFF | 250 VAC | 6.5 | black | 1 | B | **M030208** |

Function: ON/OF | Positions: 2 | Leads: 3 | Mounting hole diameter - 20 mm | Body dimensions - ϕ 23 x 17mm | Operating temperature - up to 105° C



| Type | Description | Voltage (V) | Rated current (A) | LED colour | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| MIRS-101-8C-3 | Switch ON-OFF | 250 VAC | 6 | red | 1 | B | **M030067** |

Function: ON/OF | Positions: 2 | Leads: 3 | Mounting hole diameter - 20 mm | Body dimensions - ϕ 23 x 17mm | Operating temperature - up to 105° C

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days.***




| Type | Description | Voltage (V) | Colour | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| XB2-BV75 | Signal lamp | 230V AC | yellow | 20 / 200 | F | **401975** |
| XB2-BV76 | Signal lamp | 230V AC | blue | 20 / 200 | F | **401976** |
| XB2-BV77 | Signal lamp | 230V AC | colourless | 20 / 200 | F | **401977** |




| Type | Description | Voltage (V) | Colour | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| XB7-EV45 | Button | 230V AC | yellow | 20 / 200 | F | **401004** |

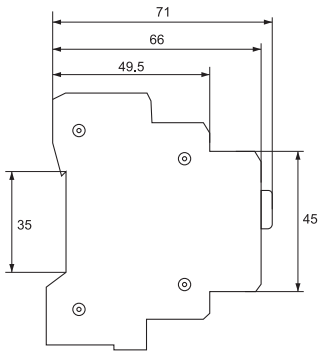



| Type | Description | Voltage (V) | Colour | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| XB - BW - 3561 | Button + LED indicator | 230V AC | yellow | 20 / 200 | F | **401561** |



| Type | Description | Voltage (V) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| EL-1035 | Glim indicator lamp | 220 VAC | 1 | B | **M030015** |

Shape and color of the indicator - oval, red | Dimensions - 10 mm x 30 mm | Base diameter: 10mm | Case colour: red | Conductor length: 20mm




**Documents corresponding to the product:** Standard EN 60947-1
EN 60 947-5-1 t

# DIN-RAIL BUTTONS AND LED INDICATORS

3+2 standard +extended 5 YEAR TOTAL WARRANTY

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 2.5mm$^2$ 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; 1x2.5mm$^2$
- Plastic: UV rays wear resistance

**MOUNTING:**
- to a DIN-rail
- Altitude: up to 2000m




| Type | Description | Rated current (A) at 400V | Type of the contact | Colour | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| ELB - BL - DIN | button | <10 | 2NO+ 1 NC | black | 12 / 240 | B | **401505** |
| ELB - BL - DIN | button | <10 | 1NO+ 2 NC | black | 12 / 240 | B | **401506** |
| ELB - G - DIN | button | <10 | 2NO+ 1 NC | green | 12 / 240 | B | **401507** |
| ELB - G -DIN | button | <10 | 1NO+ 2 NC | green | 12 / 240 | B | **401508** |
| ELB - Y - DIN | button | <10 | 2NO+ 1 NC | yellow | 12 / 240 | B | **401509** |
| ELB - Y - DIN | button | <10 | 1NO+ 2 NC | yellow | 12 / 240 | B | **401510** |
| ELB - R - DIN | button | <10 | 2NO+ 1 NC | red | 12 / 240 | B | **401512** |
| ELB - R - DIN | button | <10 | 1NO+ 2 NC | red | 12 / 240 | B | **401513** |




| Type | Description | Voltage (V) | Rated current (A) at 400V | Colour | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| ELD - G - DIN | lamp | 230V | <20 | green | 12 / 240 | B | **401500** |
| ELD - R - DIN | lamp | 230V | <20 | red | 12 / 240 | B | **401501** |
| ELD - Y - DIN | lamp | 230V | <20 | yellow | 12 / 240 | B | **401502** |
| ELD - B - DIN | lamp | 230V | <20 | blue | 12 / 240 | B | **401503** |
| ELD -W - DIN | lamp | 230V | <20 | white | 12 / 240 | B | **401504** |




| Type | Description | Voltage (V) | Rated current (A) at 400V | Type of the contact | Colour | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| ELBD - G - DIN | button + lamp | 230V | <20 | 2NO+ 1 NC | green | 12 / 240 | B | **401514** |
| ELBD -G - DIN | button + lamp | 230V | <20 | 1NO+ 2 NC | green | 12 / 240 | B | **401515** |
| ELBD - R - DIN | button + lamp | 230V | <20 | 2NO+ 1 NC | red | 12 / 240 | B | **401516** |
| ELBD - R - DIN | button + lamp | 230V | <20 | 1NO+ 2 NC | red | 12 / 240 | B | **401517** |
| ELBD - Y - DIN | button + lamp | 230V | <20 | 2NO+ 1 NC | yellow | 12 / 240 | B | **401518** |
| ELBD - Y - DIN | button + lamp | 230V | <20 | 1NO+ 2 NC | yellow | 12 / 240 | B | **401519** |

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

## BUTTONS AND SWITCHES WITH BOX

3+2 standard +extended 5 YEAR TOTAL WARRANTY



| Type | Description | IP code: | Overall dimensions (mm) L | H | W | Type of the contact | Colour | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|
| EL1-B134 | switching on 0-1 | IP44 | 68 | 68 | 50 | 1 NO | black | 1 / 100 | B | **401134** |



| Type | Description | IP code: | Overall dimensions (mm) L | H | W | Type of the contact | Colour | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|
| EL1-B102 | 1 button with spring return | IP44 | 68 | 68 | 50 | 1 NO | green | 1 / 100 | B | **401102** |
| EL1-BP102 | 1 button with spring return | IP65 | 68 | 68 | 50 | 1 NO | green | 1 / 100 | B | **401132** |



| Type | Description | IP code: | Overall dimensions (mm) L | H | W | Type of the contact | Colour | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|
| EL1-B213 | 2 buttons with spring return | IP44 | 104 | 68 | 50 | 1 NC<br>1 NO | 1 - red<br>1 - green | 1 / 100 | B | **401213** |
| EL1-BP213 | 2 buttons with spring return | IP65 | 104 | 68 | 50 | 1 NC<br>1 NO | 1 - red<br>1 - green | 1 / 100 | B | **401233** |



| Type | Description | IP code: | Overall dimensions (mm) L | H | W | Type of the contact | Colour | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|
| EL1-B339 | 3 buttons with spring return | IP44 | 134 | 68 | 50 | 1 NO<br>1 NC<br>1 NO | 1 - green<br>1 - red<br>1 - green | 1 / 50 | B | **401339** |
| EL1-BP339 | 3 buttons with spring return | IP65 | 134 | 68 | 50 | 1 NO<br>1 NC<br>1 NO | 1 - green<br>1 - red<br>1 - green | 1 / 50 | B | **401349** |




| Type | Description | IP code: | Overall dimensions (mm) L | H | W | Type of the contact | Colour | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|
| EL1-B174 | Emergency button with head "mushroom" type Ø40.Release through turning | IP44 | 68 | 68 | 50 | 1 NC | red | 1 / 100 | B | **401174** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

# DEVICES FOR TELPHER CONTROL MBP TYPE

3+2 standard +extended 5 YEAR TOTAL WARRANTY

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: 1x10$^5$ 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)










| Type | Number of buttons | Contact block and scheme | | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| | | Emergency | For the directions | | | |
| MBP-A281 | 2 | - | NO+NC | 1/20 | B | **46281** |
| MBP-A291 two speed | 2 | - | NO+NC | 1/20 | B | **46291** |
| MBP-A2813 | 2+1 | emergency button | NO+NC | 1/20 | B | **46283** |
| MBP-A2813K | 2+1 | emergency button with switch | NO+NC | 1/20 | B | **46283K** |
| MBP-A2913 two speed | 2+1 | emergency button | NO+NC | 1/20 | B | **46294** |
| MBP-A2913K two speed | 2+1 | emergency button with switch | NO+NC | 1/20 | B | **46294K** |
| MBP-A481 | 4 | - | NO+NC | 1/20 | B | **46481** |
| MBP-A491 two speed | 4 | - | NO+NC | 1/20 | B | **46491** |
| MBP-A4813 | 4+1 | emergency button | NO+NC | 1/20 | B | **46483** |
| MBP-A4813K | 4+1 | emergency button with switch | NO+NC | 1/20 | B | **46483K** |
| MBP-A4913 two speed | 4+1 | emergency button | NO+NC | 1/20 | B | **46493** |
| MBP-A4913K two speed | 4+1 | emergency button with switch | NO+NC | 1/20 | B | **46493K** |
| MBP-A681 | 6 | - | NO+NC | 1/20 | B | **46681** |
| MBP-A691 two speed | 6 | - | NO+NC | 1/20 | B | **46691** |
| MBP-A6813 | 6+1 | emergency button | NO+NC | 1/20 | B | **46683** |
| MBP-A6813K | 6+1 | emergency button with switch | NO+NC | 1/20 | B | **46683K** |
| MBP-A6913 two speed | 6+1 | emergency button | NO+NC | 1/20 | B | **46693** |
| MBP-A6913K two speed | 6+1 | emergency button with switch | NO+NC | 1/20 | B | **46693K** |
| MBP-A881 | 8 | - | NO+NC | 1/20 | B | **46881** |
| MBP-A891 two speed | 8 | - | NO+NC | 1/20 | B | **46891** |
| MBP-A8813 | 8+1 | emergency button | NO+NC | 1/20 | B | **46883** |
| MBP-A8813K | 8+1 | emergency button with switch | NO+NC | 1/20 | B | **46883K** |
| MBP-A8913 two speed | 8+1 | emergency button | NO+NC | 1/20 | B | **46893** |
| MBP-8913K two speed | 8+1 | emergency button with switch | NO+NC | 1/20 | B | **46893K** |

**MBP-Axxxx**
- stop button type
- button type – one-speed (x81) or two-speed (x91)
- number of buttons

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

# WARNING LIGHTS AND TOWERS

3+0 standard +extended 3 YEAR TOTAL WARRANTY



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 SPECIFICATION:**

- 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.







| Type | Description | Voltage (VAC) | Rated Power (W) | Colour | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| LTE1101 - R | Warning light | 12 | 10 | Red | 1 / 30 | B | **401525R** |
| LTE1101 - G | Warning light | 12 | 10 | Green | 1 / 30 | B | **401525G** |
| LTE1101 - Y | Warning light | 12 | 10 | Yellow | 1 / 30 | B | **401525Y** |
| LTE1101J - R | Warning light + siren | 12 | 11 | Red | 1 / 30 | B | **401526R** |
| LTE1101J - G | Warning light + siren | 12 | 11 | Green | 1 / 30 | B | **401526G** |
| LTE1101J - Y | Warning light + siren | 12 | 11 | Yellow | 1 / 30 | B | **401526Y** |
| LTE1101 - R | Warning light | 230 | 8 | Red | 1 / 30 | B | **402525R** |
| LTE1101 - G | Warning light | 230 | 8 | Green | 1 / 30 | B | **402525G** |
| LTE1101 - Y | Warning light | 230 | 8 | Yellow | 1 / 30 | B | **402525Y** |
| LTE1101J - R | Warning light + siren | 230 | 9 | Red | 1 / 30 | B | **402526R** |
| LTE1101J - G | Warning light + siren | 230 | 9 | Green | 1 / 30 | B | **402526G** |
| LTE1101J - Y | Warning light + siren | 230 | 9 | Yellow | 1 / 30 | B | **402526Y** |
| LTE1161 - R | Warning light | 12 | 35 | Red | 1 / 8 | B | **401527R** |
| LTE1161 - G | Warning light | 12 | 35 | Green | 1 / 8 | B | **401527G** |
| LTE1161 - Y | Warning light | 12 | 35 | Yellow | 1 / 8 | B | **401527Y** |
| LTE1161 - R | Warning light | 230 | 28 | Red | 1 / 8 | B | **402527R** |
| LTE1161 - G | Warning light | 230 | 28 | Green | 1 / 8 | B | **402527G** |
| LTE1161 - Y | Warning light | 230 | 28 | Yellow | 1 / 8 | B | **402527Y** |
| LTA205 - 1 | Tower / flashing | 12 | 4 | 1 - Red | 1 / 20 | B | **401528** |
| LTA205 - 2 | Tower / flashing | 12 | 8 | 2 - Red/Green | 1 / 20 | B | **401529** |
| LTA205 - 3 | Tower / flashing | 12 | 12 | 3 - Red/Yellow/Green | 1 / 20 | B | **401530** |
| LTA205 - 3J | Tower / flashing + siren | 12 | 12 | 3 - Red/Yellow/Green | 1 / 20 | B | **401531** |
| LTA205 - 5 | Tower / flashing | 12 | 18 | 5 - Red/Yellow/Green/ Blue/Transparent | 1 / 20 | B | **401532** |
| LTA205 - 1 | Tower / flashing | 230 | 6 | 1 - Red | 1 / 20 | B | **402528** |
| LTA205 - 2 | Tower / flashing | 230 | 8 | 2 - Red/Green | 1 / 20 | B | **402529** |
| LTA205 - 3 | Tower / flashing | 230 | 10 | 3 - Red/Yellow/Green | 1 / 20 | B | **402530** |
| LTA205 - 3J | Tower / flashing + siren | 230 | 11 | 3 - Red/Yellow/Green | 1 / 20 | B | **402531** |
| LTA205 - 5 | Tower / flashing | 230 | 14 | 5 - Red/Yellow/Green/ Blue/Transparent | 1 / 20 | B | **402532** |

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



| Type | Description | Voltage (V) | Rated Power (W) | Sound level (dB) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| MS-290A | metal siren | 230 | 60 | 100 | 1 / 24 | B | **401533** |
| MS-290B | plastic siren | 230 | 60 | 100 | 1 / 24 | B | **401541** |



| Type | Description | Voltage (V) | Rated Power (W) | Sound level (dB) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| MS-390 | siren | 230 | 160 | 120 | 1 / 10 | B | **401534** |



| Type | Description | Voltage (V) | Rated Power (W) | Sound level (dB) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| CB-4 | alarm bell | 12 | - | 85 | 1 / 50 | B | **401535** |
| CB-4 | alarm bell | 24 | - | 85 | 1 / 50 | B | **401536** |
| CB-4 | alarm bell | 110 | - | 85 | 1 / 50 | B | **401537** |
| CB-4 | alarm bell | 230 | - | 85 | 1 / 50 | B | **401538** |

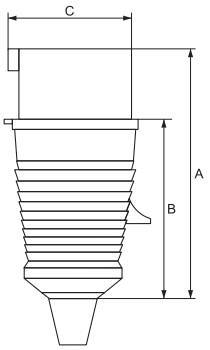



| Type | Description | Voltage (V) | Rated Power (W) | Sound level (dB) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| FA-01 | fire alarm | 230 | - | 120 | 1 / 100 | B | **401540** |



***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

**Documents corresponding to the product:**
Standard EN 60309-1; EN 60309-2




## INDUSTRIAL PLUGS AND SOCKETS HT/HTN TYPE

5+0 standard +extended 5 YEAR TOTAL WARRANTY

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



| Model | In (A) | | Poles | Un (V) | Dimensions (mm) A /B /C | IP code: | Packing/Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| HT-013 | 16 | | 1P+N+E | 230 | 121 / 84 / 53 | 44 | 2 / 10 / 100 | C | **37013** |
| HT-023 | 32 | | 1P+N+E | 230 | 138 / 92 / 63 | 44 | 2 / 10 / 60 | C | **37023** |

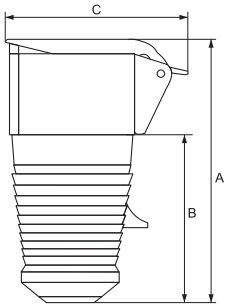


| Model | In (A) | | Poles | Un (V) | Dimensions (mm) A /B /C | IP code: | Packing/Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| HT-014 | 16 | | 3P+E | 400 | 121 / 84 / 51 | 44 | 2 / 10 / 100 | C | **37014** |
| HT-024 | 32 | | 3P+E | 400 | 138 / 92 / 63 | 44 | 2 / 10 / 60 | C | **37024** |
| HT-034 | 63 | | 3P+E | 400 | 230 / 109 / 36 | 44 | 2 / 10 | C | **37034** |
| HT-044 | 125 | | 3P+E | 400 | 295 / 124 / 50 | 44 | 2 / 10 | C | **37044** |



| Model | In (A) | | Poles | Un (V) | Dimensions (mm) A /B /C | IP code: | Packing/Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| HT-015 | 16 | | 3P+N+E | 400 | 129 / 92 / 62 | 44 | 2 / 10 / 60 | C | **37015** |
| HT-025 | 32 | | 3P+N+E | 400 | 149 / 97 / 70 | 44 | 2 / 10 / 60 | C | **37025** |
| HT-035 | 63 | | 3P+N+E | 400 | 230 / 109 / 36 | 44 | 2 / 10 | C | **37035** |
| HT-045 | 125 | | 3P+N+E | 400 | 295 / 124 / 50 | 44 | 2 / 10 | C | **37045** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*




## MOVABLE INDUSTRIAL SOCKETS HT TYPE IP44

5+0 standard +extended 5 YEAR TOTAL WARRANTY



| Model | In (A) | | Poles | Un (V) | Dimensions (mm) A/C | IP code: | Packing/Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| HT-213 | 16 | | 1P+N+E | 230 | 130 / 96 | 44 | 2 / 10 / 100 | C | **37213** |
| HT-223 | 32 | | 1P+N+E | 230 | 149 / 90 | 44 | 2 / 10 / 60 | C | **37223** |



| Model | In (A) | | Poles | Un (V) | Dimensions (mm) A/C | IP code: | Packing/Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| HT-214 | 16 | | 3P+E | 400 | 131 / 96 | 44 | 2 / 10 / 100 | C | **37214** |
| HT-224 | 32 | | 3P+E | 400 | 149 / 90 | 44 | 2 / 10 / 60 | C | **37224** |
| HT-234 | 63 | | 3P+E | 400 | 230/109 | 44 | 2 / 10 | C | **37234** |
| HT-244 | 125 | | 3P+E | 400 | 290/124 | 44 | 2 / 10 | C | **37244** |

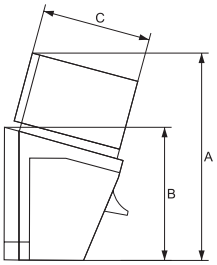


| Model | In (A) | | Poles | Un (V) | Dimensions (mm) A/C | IP code: | Packing/Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| HT-215 | 16 | | 3P+N+E | 400 | 139 / 90 | 44 | 2 / 10 / 60 | C | **37215** |
| HT-225 | 32 | | 3P+N+E | 400 | 154 / 100 | 44 | 2 / 10 / 60 | C | **37225** |
| HT-235 | 63 | | 3P+N+E | 400 | 230/100 | 44 | 2 / 10 | C | **37235** |
| HT-245 | 125 | | 3P+N+E | 400 | 290/124 | 44 | 2 / 10 | C | **37245** |

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

## FIXED INDUSTRIAL PLUGS HT TYPE IP44

5+0 standard +extended 5 YEAR TOTAL WARRANTY






| Model | In (A) | | Poles | Un (V) | Dimensions (mm) A/C | IP code: | Packing/Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| HT-513 | 16 | | 1P+N+E | 230 | 121/79 | 44 | 2 / 10 / 60 | C | **37513** |
| HT-523 | 32 | | 1P+N+E | 230 | 131/83 | 44 | 2 / 10 / 60 | C | **37523** |



| Model | In (A) | | Poles | Un (V) | Dimensions (mm) A/C | IP code: | Packing/Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| HT 514 | 16 | | 3P+E | 400 | 121/76 | 44 | 2 / 10 / 60 | C | **37514** |
| HT 524 | 32 | | 3P+E | 400 | 131/83 | 44 | 2 / 10 / 60 | C | **37524** |

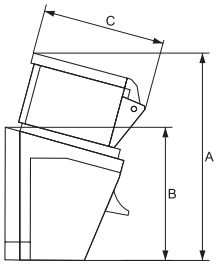


| Model | In (A) | | Poles | Un (V) | Dimensions (mm) A/C | IP code: | Packing/Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| HT 515 | 16 | | 3P+N+E | 400 | 123/79 | 44 | 2 / 10 / 60 | C | **37515** |
| HT 525 | 32 | | 3P+N+E | 400 | 132/84 | 44 | 2 / 10 / 60 | C | **37525** |

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

# FIXED INDUSTRIAL SOCKETS HT TYPE IP44

5+0 standard +extended 5 YEAR TOTAL WARRANTY






| Model | In (A) | | Poles | Un (V) | Dimensions (mm) A/C | IP code: | Packing/Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| HT-113 | 16 | | 1P+N+E | 230 | 126 / 86 | 44 | 2 / 10 / 60 | C | **37113** |
| HT-123 | 32 | | 1P+N+E | 230 | 141 / 97 | 44 | 2 / 10 / 60 | C | **37123** |

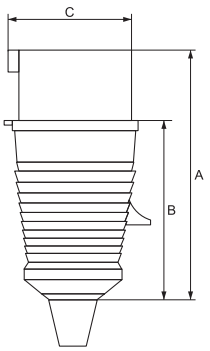


| Model | In (A) | | Poles | Un (V) | Dimensions (mm) A/C | IP code: | Packing/Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| HT-114 | 16 | | 3P+E | 400 | 132 / 91 | 44 | 2 / 10 / 60 | C | **37114** |
| HT-124 | 32 | | 3P+E | 400 | 141 / 96 | 44 | 2 / 10 / 60 | C | **37124** |
| HT-134 | 63 | | 3P+E | 400 | 193 / 122 | 44 | 2 / 10 | C | **37134** |
| HT-144 | 125 | | 3P+E | 400 | 220 / 140 | 44 | 2 / 10 | C | **37144** |



| Model | In (A) | | Poles | Un (V) | Dimensions (mm) A/C | IP code: | Packing/Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| HT-115 | 16 | | 3P+N+E | 400 | 129 / 96 | 44 | 2 / 10 / 60 | C | **37115** |
| HT-125 | 32 | | 3P+N+E | 400 | 141 / 98 | 44 | 2 / 10 / 60 | C | **37125** |
| HT-135 | 63 | | 3P+N+E | 400 | 193 / 122 | 44 | 2 / 10 | C | **37135** |
| HT-145 | 125 | | 3P+N+E | 400 | 220 / 140 | 44 | 2 / 10 | C | **37145** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*




## MOVABLE INDUSTRIAS PLUGS HTN TYPE IP67

5+0 standard +extended 5 YEAR TOTAL WARRANTY



| Model | In (A) | | Poles | Un (V) | Dimensions (mm) A /B /C | IP code: | Packing/Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| HTN 0131 | 16 | | 1P+N+E | 230 | 120/71/12 | 67 | 1 / 60 | C | **37131** |
| HTN 0231 | 32 | | 1P+N+E | 230 | 150/93/17 | 67 | 1 / 40 | C | **37231** |

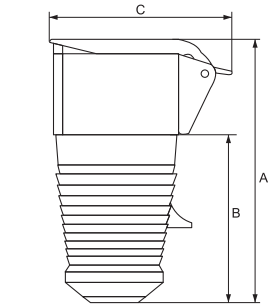


| Model | In (A) | | Poles | Un (V) | Dimensions (mm) A /B /C | IP code: | Packing/Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| HTN 0141 | 16 | | 3P+E | 400 | 125/79/12 | 67 | 2 / 60 | C | **37141** |
| HTN 0241 | 32 | | 3P+E | 400 | 150/93/17 | 67 | 2 / 40 | C | **37241** |
| HTN 0341 | 63 | | 3P+E | 400 | 230/109/36 | 67 | 10 | C | **37341** |
| HTN 0441 | 125 | | 3P+E | 400 | 230/109/36 | 67 | 10 | C | **37441** |



| Model | In (A) | | Poles | Un (V) | Dimensions (mm) A /B /C | IP code: | Packing/Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| HTN 0151 | 16 | | 3P+N+E | 400 | 133/87/12 | 67 | 2 / 60 | C | **37151** |
| HTN 0251 | 32 | | 3P+N+E | 400 | 155/99.5/17 | 67 | 2 / 40 | C | **37251** |
| HTN 0351 | 63 | | 3P+N+E | 400 | 230/109/36 | 67 | 10 | C | **37351** |
| HTN 0451 | 125 | | 3P+N+E | 400 | 295/124/50 | 67 | 10 | C | **37451** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*




## MOVABLE INDUSTRIAL SOCKET HTN TYPE IP67

5+0 standard +extended 5 YEAR TOTAL WARRANTY



| Model | In (A) | | Poles | Un (V) | Dimensions (mm) A/C | IP code: | Packing/Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| HTN 2131 | 16 | | 1P+N+E | 230 | 131/90 | 67 | 2 / 60 | C | **37831** |
| HTN 2231 | 32 | | 1P+N+E | 230 | 149/90 | 67 | 2 / 40 | C | **37931** |



| Model | In (A) | | Poles | Un (V) | Dimensions (mm) A/C | IP code: | Packing/Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| HTN 2141 | 16 | | 3P+E | 400 | 131/76 | 67 | 2 / 60 | C | **37841** |
| HTN 2241 | 32 | | 3P+E | 400 | 149/90 | 67 | 2 / 40 | C | **37941** |
| HTN 2341 | 63 | | 3P+E | 400 | 271/115 | 67 | 10 | C | **37942** |
| HTN 2441 | 125 | | 3P+E | 400 | 295/137 | 67 | 6 | C | **37943** |

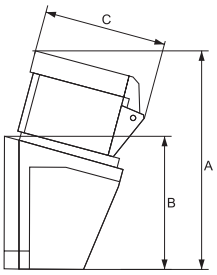


| Model | In (A) | | Poles | Un (V) | Dimensions (mm) A/C | IP code: | Packing/Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| HTN 2151 | 16 | | 3P+N+E | 400 | 139/90 | 67 | 2 / 60 | C | **37851** |
| HTN 2251 | 32 | | 3P+N+E | 400 | 154/100 | 67 | 2 / 40 | C | **37951** |
| HTN 2351 | 63 | | 3P+N+E | 400 | 240/112 | 67 | 10 | C | **37952** |
| HTN 2451 | 125 | | 3P+N+E | 400 | 300/126 | 67 | 6 | C | **37953** |

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

## FIXED INDUSTRIAL SOCKET HTN TYPE IP67

5+0 standard +extended 5 YEAR TOTAL WARRANTY






| Model | In (A) | Poles | Un (V) | Dimensions (mm) A /B /C | IP code: | Packing/Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| HTN 1131 | 16 | 1P+N+E | 230 | 101/150/93.5 | 67 | 2 / 40 | C | **37731** |
| HTN 1231 | 32 | 1P+N+E | 230 | 114/162/93.5 | 67 | 2 / 40 | C | **37631** |



| Model | In (A) | Poles | Un (V) | Dimensions (mm) A /B /C | IP code: | Packing/Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| HTN 1141 | 16 | 3P+E | 400 | 104/150/93.5 | 67 | 2 / 40 | C | **37741** |
| HTN 1241 | 32 | 3P+E | 400 | 116/162/93.5 | 67 | 2 / 40 | C | **37641** |
| HTN 1341 | 63 | 3P+E | 400 | 171/170/230 | 67 | 1 / 10 | C | **37842** |
| HTN 1441 | 125 | 3P+E | 400 | 171/170/230 | 67 | 1 / 6 | C | **37844** |



| Model | In (A) | Poles | Un (V) | Dimensions (mm) A /B /C | IP code: | Packing/Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| HTN 1151 | 16 | 3P+N+E | 400 | 107/150/93.5 | 67 | 2 / 40 | C | **37751** |
| HTN 1251 | 32 | 3P+N+E | 400 | 116/162/93.5 | 67 | 2 / 40 | C | **37651** |
| HTN 1351 | 63 | 3P+N+E | 400 | 171/170/230 | 67 | 10 | C | **37852** |
| HTN 1451 | 125 | 3P+N+E | 400 | 171/170/230 | 67 | 6 | C | **37854** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

# INDUSTRIAL SOCKETS FOR FLUSH MOUNTING HT TYPE IP44

5+0 standard +extended 5 YEAR TOTAL WARRANTY



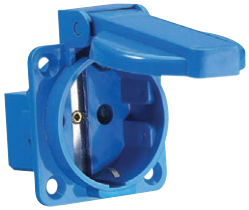
| Model | In (A) | Poles | Un (V) | Dimensions (mm) A /B /C | IP code: | Packing/Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| HT-413 | 16 | 1P+N+E | 230 | 70/60/67 | 44 | 2 / 10 / 60 | C | **37413** |
| HT-423 | 32 | 1P+N+E | 230 | 80/95/79 | 44 | 2 / 10 / 60 | C | **37423** |



| Model | In (A) | Poles | Un (V) | Dimensions (mm) A /B /C | IP code: | Packing/Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| HT-414 | 16 | 3P+E | 400 | 75/86/75 | 44 | 2 / 10 / 60 | C | **37414** |
| HT-424 | 32 | 3P+E | 400 | 80/95/79 | 44 | 2 / 10 / 60 | C | **37424** |



| Model | In (A) | Poles | Un (V) | Dimensions (mm) A /B /C | IP code: | Packing/Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| HT-415 | 16 | 3P+N+E | 400 | 75/85/70 | 44 | 2 / 10 / 60 | C | **37415** |
| HT-425 | 32 | 3P+N+E | 400 | 98/98/83 | 44 | 2 / 10 / 60 | C | **37425** |



| Model | In (A) | Poles | Un (V) | Dimensions (mm) A /B /C | IP code: | Packing/Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| HT-105SR | 16 | German type | 230 | 50/63/42 | 44 | 500 | C | **37105** |



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

| Type | Poles | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| German type socket for DIN rail | German type | 5 / 100 | C | **37004** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

**Documents corresponding to the product:**
Standard IEC60670; CEI 23-48; CEI 23-49; EN 50102

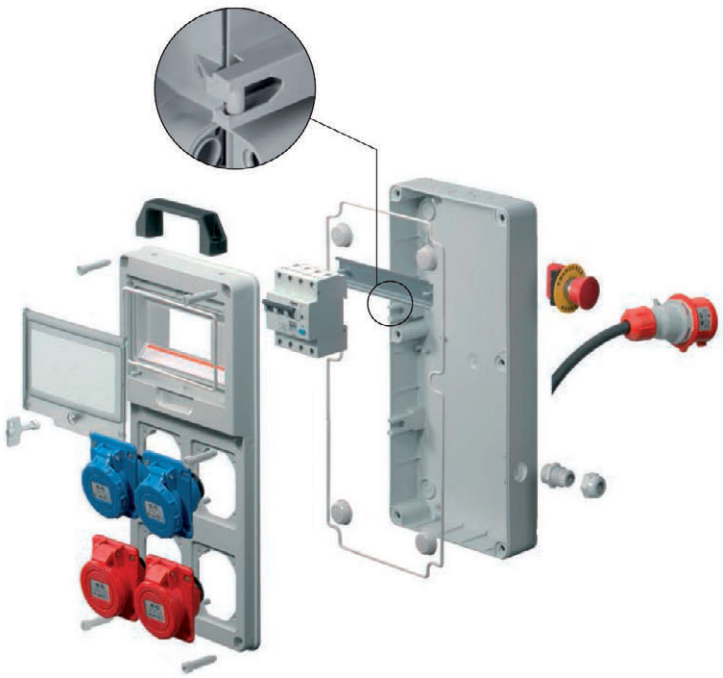


## INDUSTRIAL BOARD SYSTEM EC690 SERIES

5+0 standard +extended 5 YEAR TOTAL WARRANTY

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





## EMPTY DISTRIBUTION BOARD EC690 SERIES 2 VERTICAL SOCKETS

5+0 standard +extended 5 YEAR TOTAL WARRANTY

| Type | Number of modules | IP code | W | H | D | Packing pcs/ box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| EC69021 | 4 | 65 | 105 | 337 | 95 | 1/15 | C | **53EC69021** |

For sockets with 60x60mm hole center distance

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.***



## EMPTY DISTRIBUTION BOARD EC690 SERIES 3 VERTICAL SOCKETS

5+0 standard +extended 5 YEAR TOTAL WARRANTY

| Type | Number of modules | IP code | W | H | D | Packing pcs/ box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| EC69022 | 4 | 65 | 105 | 430 | 95 | 1/13 | C | **53EC69022** |

For sockets with 60x60mm hole center distance



## EMPTY DISTRIBUTION BOARD EC690 SERIES 4 SOCKETS

5+0 standard +extended 5 YEAR TOTAL WARRANTY

| Type | Number of modules | IP code | W | H | D | Packing pcs/ box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| EC69023 | 8 | 65 | 200 | 430 | 95 | 1/10 | C | **53EC69023** |

For sockets with 60x60mm hole center distance



## EMPTY DISTRIBUTION BOARD EC690 SERIES 6 SOCKETS

5+0 standard +extended 5 YEAR TOTAL WARRANTY

| Type | Number of modules | IP code | W | H | D | Packing pcs/ box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| EC69025 | 12 | 65 | 320 | 510 | 135 | 1 | C | **53EC69025** |

For sockets with 60x60mm hole center distance

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.***



Dimensions W x H x D: 105 x 337 x 95mm

## ASSEMBLED DISTRIBUTION BOARD 690 SERIES 2 VERTICAL SOCKETS, 4 MODULES

5+0 standard +extended 5 YEAR TOTAL WARRANTY

| Empty board type | German type | 1P+N+E | 3P+N | 3P+N+E | IP code | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| EC69021 | | 1x16A+1x32A | | | 44 | C | **53EC690212A1** |
| EC69021 | | 1x16A | | 1x16A | 44 | C | **53EC690212A2** |
| EC69021 | | 1x16A | 1x16A | | 44 | C | **53EC690212A3** |
| EC69021 | 2x16A | | | | 44 | C | **53EC690212A4** |
| EC69021 | | 1x16A+1x32A | | | 67 | C | **53EC690212B1** |
| EC69021 | | 1x16A | | 1x16A | 67 | C | **53EC690212B2** |
| EC69021 | | 1x16A | 1x16A | | 67 | C | **53EC690212B3** |



Dimensions W x H x D: 105 x 430 x 95mm

## ASSEMBLED DISTRIBUTION BOARD 690 SERIES 3 VERTICAL SOCKETS, 4 MODULES

5+0 standard +extended 5 YEAR TOTAL WARRANTY

| Empty board type | German type | 1P+N+E | 3P+N | 3P+N+E | IP code | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| EC69022 | | 1x16A+1x32A | | 1x16A | 44 | C | **53EC690223A1** |
| EC69022 | | 1x32A | | 1x16A+1x32A | 44 | C | **53EC690223A2** |
| EC69022 | | 1x16A+1x32A | 1x16A | | 44 | C | **53EC690223A3** |
| EC69022 | | 1x32A | 1x16A+1x32A | | 44 | C | **53EC690223A4** |
| EC69022 | 2x16A | 1x16A | | | 44 | C | **53EC690223A5** |
| EC69022 | | 1x16A+1x32A | | 1x16A | 67 | C | **53EC690223B1** |
| EC69022 | | 1x32A | | 1x16A+1x32A | 67 | C | **53EC690223B2** |
| EC69022 | | 1x16A+1x32A | 1x16A | | 67 | C | **53EC690223B3** |
| EC69022 | | 1x32A | 1x16A+1x32A | | 67 | C | **53EC690223B4** |



Dimensions W x H x D: 200 x 430 x 95mm

## ASSEMBLED DISTRIBUTION BOARD 690 SERIES 4 SOCKETS, 8 MODULES

5+0 standard +extended 5 YEAR TOTAL WARRANTY

| Empty board type | German type | 1P+N+E | 3P+N | 3P+N+E | IP code | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| EC69023 | | 1x16A+1x32A | | 1x16A+1x32A | 44 | C | **53EC690234A1** |
| EC69023 | | 2x32A | | 2x16A | 44 | C | **53EC690234A2** |
| EC69023 | | 1x16A+1x32A | 1x16A+1x32A | | 44 | C | **53EC690234A3** |
| EC69023 | | 2x32A | 2x16A | | 44 | C | **53EC690234A4** |
| EC69023 | 2x16A | 1x16A+1x32A | | | 44 | C | **53EC690234A5** |
| EC69023 | 2x16A | | 1x16A+1x32A | | 44 | C | **53EC690234A6** |
| EC69023 | | 1x16A+1x32A | | 1x16A+1x32A | 67 | C | **53EC690234B1** |
| EC69023 | | 2x32A | | 2x16A | 67 | C | **53EC690234B2** |
| EC69023 | | 1x16A+1x32A | 1x16A+1x32A | | 67 | C | **53EC690234B3** |
| EC69023 | | 2x32A | 2x16A | | 67 | C | **53EC690234B4** |

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



Dimensions W x H x D: 320 x 510 x 135mm

## ASSEMBLED DISTRIBUTION BOARD 690 SERIES 6 SOCKETS, 12 MODULES

5+0 standard +extended 5 YEAR TOTAL WARRANTY

| Empty board type | German type | 1P+N+E | 3P+N | 3P+N+E | IP code | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| EC69025 | | 2x16A+1x32A | | 2x16A+1x32A | 44 | C | **53EC690256A1** |
| EC69025 | | 1x16A+2x32A | | 1x16A+2x32A | 44 | C | **53EC690256A2** |
| EC69025 | | 2x16A+1x32A | 2x16A+1x32A | | 44 | C | **53EC690256A3** |
| EC69025 | | 1x16A+2x32A | 1x16A+2x32A | | 44 | C | **53EC690256A4** |
| EC69025 | 3x16A | 2x16A+1x32A | | | 44 | C | **53EC690256A5** |
| EC69025 | 2x16A | 1x16A | 2x16A+1x32A | | 44 | C | **53EC690256A6** |
| EC69025 | | 2x16A+1x32A | | 2x16A+1x32A | 67 | C | **53EC690256B1** |
| EC69025 | | 1x16A+2x32A | | 1x16A+2x32A | 67 | C | **53EC690256B2** |
| EC69025 | | 2x16A+1x32A | 2x16A+1x32A | | 67 | C | **53EC690256B3** |
| EC69025 | | 1x16A+2x32A | 1x16A+2x32A | | 67 | C | **53EC690256B4** |



## SPARE FLANGE WITH SCREWS AND GASKETS

| Type | W | H | D | Packing pcs/box | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| EC690F1 | 85 | 74 | | 1/10 | C | **53EC690F1** |

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.



Spare flange with mounted limit switch



Limit switch
Page 127




Spare flange with mounted stop button



Stop button
Page 133

## HANDLE WITH SCREWS



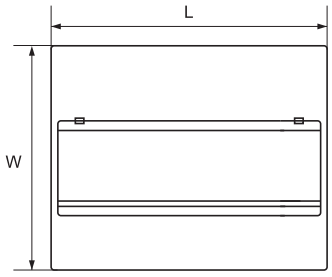
| Type | W | H | D | Packing pcs/box | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| EC690MA | 134 | 42 | 25.6 | 1/10 | C | **53EC690MA** |

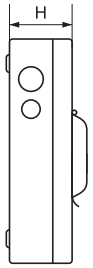
It assures a convenience when carrying the board.

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

## METAL CONSUMER UNITS - SIGMA SERIES

3+2 standard +extended 5 YEAR TOTAL WARRANTY



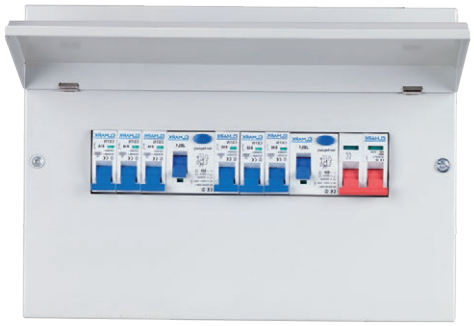




**TECHNICAL DATA:**

- Material: High quality electro-galvanized steel sheet
- Modules: 8; 12; 16; 22
- Steel thickness: 1,0mm (8; 12 modules); 1,2mm (16; 22 modules)
- Row: single
- Rated voltage In (A): 100A
- Protected with epoxy polyester coating
- Colour of body: White RAL9003
- Colour of door: White RAL9003
- IP code: IP40
- Fire resistance: 960°C/30s
- Humidity: Max.95%
- Storage temperature: -40+75°C
- Specification: CE, ROHS, BS, EN,EIC60439-3



Modern design and aesthetic look



Different variants of assembling



DIN, zero and ground terminals included



Defense of the electrical parts
from direct contact



**Metal consumer unit enclosures, Sigma series**

| Type | № of ways | Construction Material | № of ROWS | Dimensions (mm) | | | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| | | | | L (mm) | W (mm) | H (mm) | | |
| Sigma | 8 | Steel | 1 | 303 | 257 | 110 | C | **61088** |
| Sigma | 12 | Steel | 1 | 375 | 257 | 110 | C | **61128** |
| Sigma | 16 | Steel | 1 | 447 | 257 | 110 | C | **61168** |
| Sigma | 22 | Steel | 1 | 555 | 257 | 110 | C | **61228** |



**Metal consumer units with 100A main switch, Sigma series**

| Type | № of ways when empty | Construction Material | № of ways | Main Switch | Power Voltage Supply | Dimensions (mm) | | | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | L (mm) | W (mm) | H (mm) | | |
| Sigma | 8 | Steel | 6 | 100A | 240V | 303 | 257 | 110 | C | **61088SI** |
| Sigma | 12 | Steel | 10 | 100A | 240V | 375 | 257 | 110 | C | **61128SI** |
| Sigma | 16 | Steel | 14 | 100A | 240V | 447 | 257 | 110 | C | **61168SI** |
| Sigma | 22 | Steel | 20 | 100A | 240V | 555 | 257 | 110 | C | **61228SI** |



**Metal domestic consumer unit with 100A main switch and RCD's, Sigma series**

| Type | № of ways when empty | Construction Material | № of ways | № of RCD's Supplied | Main Switch | Dimensions (mm) | | | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | L (mm) | W (mm) | H (mm) | | |
| Sigma | 12 | Steel | 6 | 2x63A 30mA | 1x100A | 375 | 257 | 110 | C | **61128SR** |
| Sigma | 16 | Steel | 10 | 2x63A 30mA | 1x100A | 447 | 257 | 110 | C | **61168SR** |
| Sigma | 22 | Steel | 16 | 2x63A 30mA | 1x100A | 555 | 257 | 110 | C | **61228SR** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



**Product Contents:** 1x Enclosure,1x 63A 30mA RCD, 6xMCB's 6kA CurveB (3x6A, 1x16A and 2x20A), busbar and cables

**Sigma 6-way metal consumer unit**

| Type | № of ways when empty | Construction Material | № of ways | № of MCB's Supplied | № of RCD's Supplied | Amp Rating | Amp Rating L (mm) | H (mm) | W (mm) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sigma | 8 | Steel | 6 | 6 | 1 | 63A | 244 | 230 | 90 | C | **61088S** |



**Product Contents:** 1x Enclosure,1x 100A Main Switch, 2x 63A 30mA RCD's, 6xMCB's 6kA CurveB (3x6A, 1x16A, 2x32A, 1x40), busbar and cables

**Sigma 6-way dual RCD's metal consumer unit**

| Type | № of ways when empty | Construction Material | № of ways | № of MCB's Supplied | № of RCD's Supplied | Main Switch | Amp Rating | Amp Rating L (mm) | H (mm) | W (mm) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sigma | 12 | Steel | 6 | 6 | 2 | 1 | 63A | 316 | 230 | 90 | C | **61128S** |



**Product Contents:** 1x Enclosure,1x 100A Main Switch, 2x 63A 30mA RCD's, 10xMCB's 6kA Curve B (3x6A, 2x16A, 4x32A, 1x40), busbar and cables

**Sigma 10-way dual RCD's metal consumer unit**

| Type | № of ways when empty | Construction Material | № of ways | № of MCB's Supplied | № of RCD's Supplied | Main Switch | Amp Rating | Amp Rating L (mm) | H (mm) | W (mm) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sigma | 16 | Steel | 10 | 10 | 2 | 1 | 63A | 388 | 230 | 90 | C | **61168S** |



**Product Contents:** 1x Enclosure,1x 100A Main Switch, 2x 63A 30mA RCD's, 12xMCB's 6kA CurveB (3x6A, 1x10A, 2x16A, 4x32A, 1x40, 1x50A), busbar and cables

**Sigma 16-way dual RCD's metal consumer unit**

| Type | № of ways when empty | Construction Material | № of ways | № of MCB's Supplied | № of RCD's Supplied | Main Switch | Amp Rating | Amp Rating L (mm) | H (mm) | W (mm) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sigma | 22 | Steel | 16 | 12 | 2 | 1 | 63A | 496 | 230 | 90 | C | **61228S** |



***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

**DOCUMENTS CORRESPONDING TO THE PRODUCT:**
Standard IEC60439-3

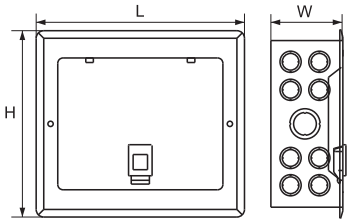
# METAL DISTRIBUTION BOXES FOR SURFACE MOUNTING- DELTA SERIES

3+2 standard +extended 5 YEAR TOTAL WARRANTY

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

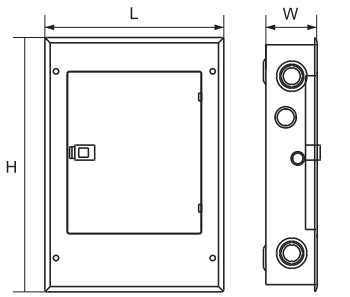





**Single phase metal distribution boxes, Delta series**

| Type | Construction Material | № of poles | Module capacity | Dimensions (mm) L | H | W | Packing / Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| Delta 1/4 | Metal | 1 | 4 | 226 | 226 | 95 | 1/10 | C | **600104N** |
| Delta 1/8 | Metal | 1 | 8 | 298 | 226 | 95 | 1/10 | C | **600108N** |
| Delta 1/12 | Metal | 1 | 12 | 370 | 226 | 95 | 1/10 | C | **600112N** |
| Delta 1/16 | Metal | 1 | 16 | 442 | 226 | 95 | 1/10 | C | **600116N** |






**Three phase metal distribution boxes, Delta series**

| Type | Construction Material | № of poles | Module capacity | Dimensions (mm) L | H | W | Packing / Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| Delta 3/4 | Metal | 3 | 4 | 506 | 350 | 105 | 1/10 | C | **600304N** |
| Delta 3/6 | Metal | 3 | 6 | 560 | 350 | 105 | 1/10 | C | **600306N** |
| Delta 3/8 | Metal | 3 | 8 | 614 | 350 | 105 | 1/10 | C | **600308N** |
| Delta 3/10 | Metal | 3 | 10 | 668 | 350 | 105 | 1/10 | C | **600310N** |
| Delta 3/12 | Metal | 3 | 12 | 722 | 350 | 105 | 1/10 | C | **600312N** |

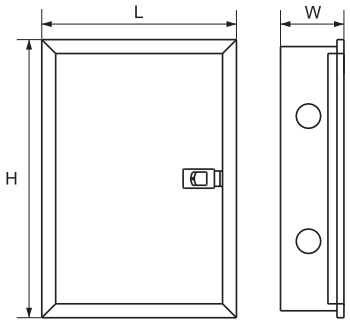
***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

**DOCUMENTS CORRESPONDING TO THE PRODUCT:**
Standard IEC60439-3





Zero and ground terminals included




## METAL CONSUMER UNITS - ZETA SERIES

3+2 standard +extended 5 YEAR TOTAL WARRANTY

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

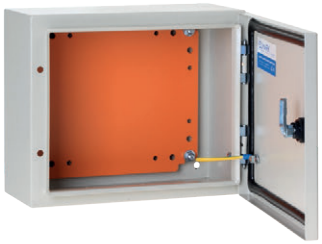
**Metal consumer unit enclosures, Zeta series**

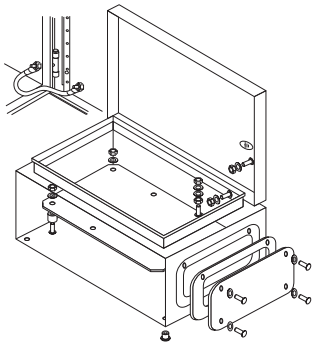
| Type | Construction Material | № of ROWS | № of ways | Dimensions (mm) | | | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| | | | | L (mm) | H (mm) | W (mm) | | |
| Zeta 30 | Metal | 2 | 30 | 428 | 428 | 110 | C | **55030** |
| Zeta 36 | Metal | 2 | 36 | 482 | 428 | 110 | C | **55036** |
| Zeta 45 | Metal | 3 | 45 | 428 | 578 | 110 | C | **55045** |
| Zeta 60 | Metal | 4 | 60 | 428 | 728 | 110 | C | **55060** |
| Zeta 72 | Metal | 4 | 72 | 482 | 728 | 110 | C | **55072** |



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**Documents corresponding to the product:**
Standard EN 62208;
EN 60439-1; EN 60 439-3







## METAL DISTRIBUTION BOARDS JXF SERIES

3+2 standard +extended 5 YEAR TOTAL WARRANTY

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
- RAL 7032
- Coating: powder style painting
- IP code: IP 65

**MOUNTING:**
- vertically on flat surface

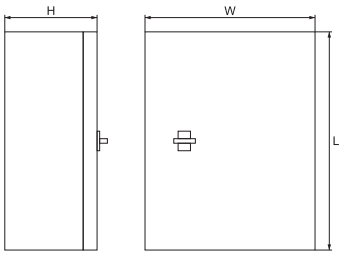
| Type | Thickness of metal sheet mm) | Metal box dimensions (mm) | | | Nominal working current In (A) | Packing / Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| | | L (height) | W (width) | H (depth) | | | | |
| JXF 25/25/15 | 1.0 | 250 | 250 | 150 | 80 | 1 | C | **53025** |
| JXF 25/30/15 | 1.0 | 250 | 300 | 150 | 100 | 1 | C | **53026** |
| JXF 30/25/15 | 1.0 | 300 | 250 | 150 | 100 | 1 | C | **53030** |
| JXF 30/40/20 | 1.0 | 300 | 400 | 200 | 160 | 1 | C | **53031** |
| JXF 40/30/20 | 1.0 | 400 | 300 | 200 | 160 | 1 | C | **53040** |
| JXF 40/50/20 | 1.2 | 400 | 500 | 200 | 250 | 1 | C | **53041** |
| JXF 40/40/20 | 1.2 | 400 | 400 | 200 | 250 | 1 | C | **53044** |
| JXF 50/40/20 | 1.2 | 500 | 400 | 200 | 250 | 1 | C | **53050** |
| JXF 40/60/20 | 1.2 | 400 | 600 | 200 | 250 | 1 | C | **53051** |
| JXF 60/40/20 | 1.2 | 600 | 400 | 200 | 250 | 1 | C | **53060** |
| JXF 60/60/20 | 1.2 | 600 | 600 | 200 | 250 | 1 | C | **53066** |
| JXF 70/50/20 | 1.2 | 700 | 500 | 200 | 350 | 1 | C | **53070** |
| JXF 80/60/25 | 1.5 | 800 | 600 | 250 | 400 | 1 | C | **53080** |
| JXF 100/80/30 | 1.5 | 1000 | 800 | 300 | 630 | 1 | C | **53100** |
| JXF 120/80/30 | 1.5 | 1200 | 800 | 300 | 630 | 1 | C | **53120** |
| JXF 140/80/30 | 1.5 | 1400 | 800 | 300 | 800 | 1 | C | **53140** |
| JXF 180/80/30 | 1.5 | 1800 | 800 | 300 | 1000 | 1 | C | **53188** |
| JXF 180/100/30* | 1.5 | 1800 | 1000 | 300 | 1250 | 1 | C | **53180** |

**Note:** *Metal boxes with double door



*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

**Documents corresponding to the product:**
Standard EN 62 208;
EN 60439-1; EN 60 439-3








## STAINLESS STEEL METAL BOARDS SXF SERIES

3+2 standard +extended 5 YEAR TOTAL WARRANTY

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 mouting 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

| Type | Thickness of metal sheet (mm) | Metal box dimensions (mm) | | | Packing / Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| | | L (height) | W (width) | H (depth) | | | |
| SXF 25/25/15 | 1.0 | 250 | 250 | 150 | 1 | C | **54025** |
| SXF 30/25/15 | 1.0 | 300 | 250 | 150 | 1 | C | **54030** |
| SXF 40/30/20 | 1.0 | 400 | 300 | 200 | 1 | C | **54040** |
| SXF 50/40/20 | 1.2 | 500 | 400 | 200 | 1 | C | **54050** |
| SXF 60/40/20 | 1.2 | 600 | 400 | 200 | 1 | C | **54060** |
| SXF 70/50/20 | 1.2 | 700 | 500 | 200 | 1 | C | **54070** |
| SXF 80/60/25 | 1.5 | 800 | 600 | 250 | 1 | C | **54080** |
| SXF 100/80/30 | 1.5 | 1000 | 800 | 300 | 1 | C | **54100** |
| SXF 120/80/30 | 1.5 | 1200 | 800 | 300 | 1 | C | **54120** |



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**Documents corresponding to the product:**
Standard EN 60439-1;
EN 60 439-3

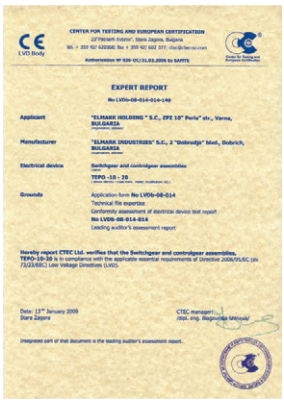
## ELECTRIC SWITCHBOARDS WITH TYPE-APPROVAL CERTIFICATES

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**

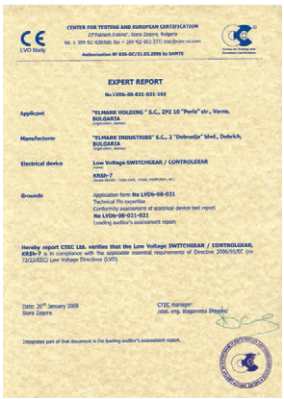


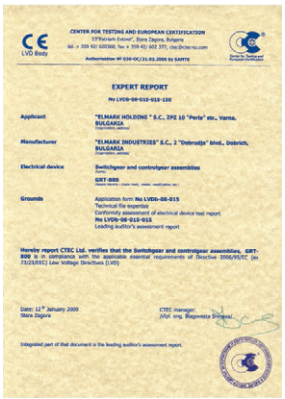



**Power Compensation System Type CCU**



**Distribution Switchboard Type KRSH**



**Documents corresponding to the product:**
Standard EN 60670-24

# PLASTIC DISTRIBUTION BOXES FOR SURFACE AND FLUSH MOUNTING ATTIS SERIES, IP40

3+0 standard +extended 3 YEAR TOTAL WARRANTY

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
- Modules (№): 6; 9; 12; 16; 24; 36
- IP code: IP40
- Row: 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



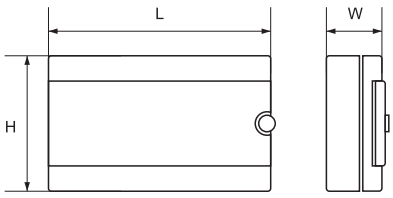


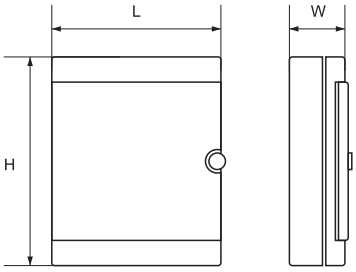


Zero and ground terminals included

**Plastic distribution boxes for surface mounting- ATTIS series, IP40**

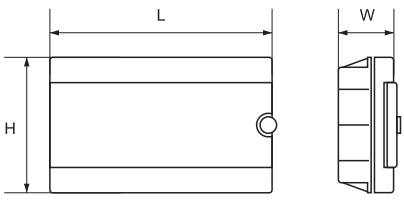
| Type | Number of rows | Module capacity (number of devices) | Dimensions (mm) | | | Packing / Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| | | | L | H | W | | | |
| Attis 6 | 1 | 6 | 185 | 140 | 90 | 1/30 | C | **60025** |
| Attis 9 | 1 | 9 | 220 | 164 | 90 | 1/20 | C | **60095** |
| Attis 12 | 1 | 12 | 305 | 205 | 90 | 1/16 | C | **60125** |
| Attis 16 | 1 | 16 | 355 | 220 | 90 | 1/16 | C | **60165** |
| Attis 16 | 2 | 16 | 231 | 285 | 90 | 1/16 | C | **60175** |
| Attis 24 | 2 | 24 | 313 | 345 | 96 | 1/8 | C | **60245** |
| Attis 36 | 3 | 36 | 315 | 440 | 96 | 1/5 | C | **60365** |

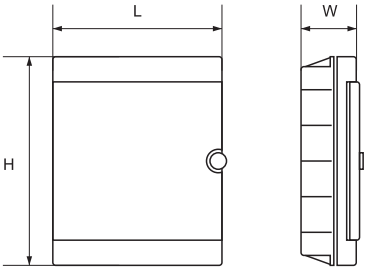



**Plastic distribution boxes for flush mounting- ATTIS series, IP40**

| Type | Number of rows | Module capacity (number of devices) | Dimensions (mm) | | | Packing / Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| | | | L | H | W | | | |
| Attis 6 | 1 | 6 | 185 | 140 | 90 | 1/30 | C | **60026** |
| Attis 9 | 1 | 9 | 220 | 164 | 90 | 1/20 | C | **60096** |
| Attis 12 | 1 | 12 | 305 | 205 | 90 | 1/16 | C | **60126** |
| Attis 16 | 1 | 16 | 355 | 220 | 90 | 1/16 | C | **60166** |
| Attis 16 | 2 | 16 | 231 | 285 | 90 | 1/16 | C | **60176** |
| Attis 24 | 2 | 24 | 313 | 345 | 96 | 1/8 | C | **60246** |
| Attis 36 | 3 | 36 | 315 | 440 | 96 | 1/5 | C | **60366** |







*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.*

**Documents corresponding to the product:**
Standard EN 60670-24

## PLASTIC DISTRIBUTION BOXES FOR SURFACE MOUNTING MINI SERIES, IP40

3+0 standard +extended 3 YEAR TOTAL WARRANTY

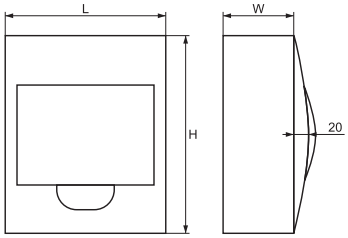


**Plastic distribution boxes for surface mounting, MINI series**

| Type | Number of rows | Module capacity (number of devices) | Dimensions (mm) L | H | W | Packing / Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| Mini 1 | 1 | 1 | 40 | 150 | 65 | 1/120 | C | **60106** |
| Mini 2 | 1 | 2 | 55 | 150 | 65 | 1/84 | C | **60107** |
| Mini 4 | 1 | 4 | 95 | 150 | 65 | 1/48 | C | **60108** |

## PLASTIC DISTRIBUTION BOXES FOR SURFACE AND FLUSH MOUNTING PDB1 SERIES, IP40

3+2 standard +extended 5 YEAR TOTAL WARRANTY




**Boxes for surface mounting**

| Type | Number of rows | Module capacity (number of devices) | Dimensions (mm) L | H | W | Packing / Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| PDB1-4 | 1 | 4 | 110 | 205 | 75 | 1 / 20 | C | **60040** |
| PDB1-6 | 1 | 6 | 150 | 205 | 75 | 1 / 20 | C | **60060** |
| PDB1-8 | 1 | 8 | 190 | 205 | 75 | 1 / 20 | C | **60080** |

**Boxes for flush mounting**



| Type | Number of rows | Module capacity (number of devices) | Dimensions (mm) L | H | W | Packing / Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| PDB1-4 | 1 | 4 | 110 | 205 | 75 | 1 / 20 | C | **60041** |
| PDB1-6 | 1 | 6 | 150 | 205 | 75 | 1 / 20 | C | **60061** |
| PDB1-8 | 1 | 8 | 190 | 205 | 75 | 1 / 20 | C | **60081** |



UNTIL SUPPLY LAST

**Plastic distribution boxes for surface and flush mounting IP40 ***

| Type | Number of rows | Module capacity (number of devices) | Mounting type | Dimensions (mm) L | H | W | Packing / Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| PDB1-4* | 1 | 4 | Flush | 136 | 222 | 60 | 1/20 | F | **80041** |
| PDB1-6* | 1 | 6 | Flush | 170 | 222 | 60 | 1/20 | F | **80061** |
| PDB1-36* | 3 | 36 | Flush | 300 | 484 | 66 | 1/5 | F | **80361** |
| PDB1-36* | 3 | 36 | Surface | 271 | 462 | 66 | 1/5 | F | **80360** |

*3 year standard+0 year extended warranty

***In case of insufficient quantity in stock for BOXES MINI SERIES, the delivery time after order confirmation will be 45 days, and for PDB1 will be 90 days.***

**Documents corresponding to the product:**
Standard EN 62 208;
EN 60439-1; EN 60 439-3

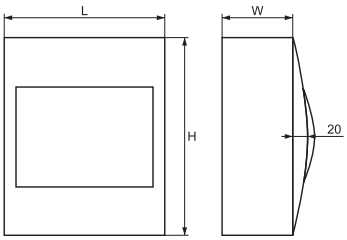


# PLASTIC DISTRIBUTION BOXES FOR SURFACE MOUNTING IP40 - BLUE SERIES

3+2 standard +extended 5 YEAR TOTAL WARRANTY

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.

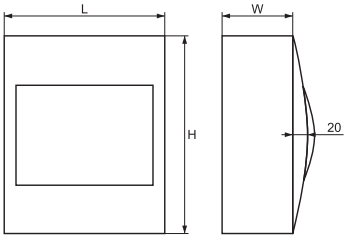
**TECHNICAL DATA:**
- Door colour: Transparent blue
- Mounting type: Surface;Flush
- Modules (№): 12; 18; 24; 28; 36
- IP code: IP40
- Row: Single row for 12 and 18 modules
- Double rows for 24; 28 and 36 modules
- Material: ABS for body and PC for door
- Fire resistance: 650°C/30s
- Ambient temperature(°C): -5 +65°C, max. 95% humidity
- Colour: White RAL 9003
- Storage temperature(°C): -40 +75°C




**Boxes for surface mounting, BLUE series**

| Type | Number of rows | Module capacity (number of devices) | Dimensions (mm) L | H | W | Packing / Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| Blue 12 | 1 | 12 | 300 | 204 | 102 | 1/10 | C | **60122** |
| Blue 18 | 1 | 18 | 410 | 204 | 102 | 1/10 | C | **60182** |
| Blue 24 | 2 | 24 | 300 | 294 | 109 | 1/5 | C | **60242** |
| Blue 28 | 2 | 28 | 310 | 354 | 109 | 1/5 | C | **60282** |
| Blue 36 | 2 | 36 | 410 | 294 | 109 | 1/5 | C | **60362** |






**Boxes for flush mounting, BLUE series**

| Type | Number of rows | Module capacity (number of devices) | Dimensions (mm) L | H | W | Packing / Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| Blue 12 | 1 | 12 | 317 | 220 | 102 | 1/10 | C | **60123** |
| Blue 18 | 1 | 18 | 426 | 220 | 102 | 1/10 | C | **60183** |
| Blue 24 | 2 | 24 | 317 | 310 | 109 | 1/5 | C | **60243** |
| Blue 28 | 2 | 28 | 294 | 338 | 109 | 1/5 | C | **60283** |
| Blue 36 | 2 | 36 | 426 | 310 | 109 | 1/5 | C | **60363** |



*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

**Documents corresponding to the product:**
Standard EN 62 208;
EN 60439-1; EN 60 439-3

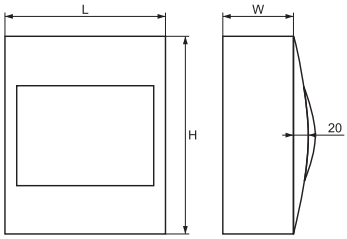
# MOISTURE-PROOF DISTRIBUTION BOXES FOR SURFACE MOUNTING - BETA SERIES IP55 AND GAMMA SERIES IP65

3+2 standard +extended 5 YEAR TOTAL WARRANTY



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: IP55; 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 moutining with screws.

**TECHNICAL DATA:**
- Maximum insulation voltage: 690V; 50Hz
- Flame retardance: UL94 V-O
- IP code: IP55; IP65
- Door colour: Transparent
- Mounting type: Surface




**Moisture-proof distribution boxes for surface mounting - Beta series, IP 55**

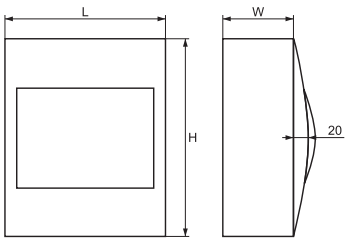
| Type | Number of rows | Module capacity (number of devices) | IP | Dimensions (mm) | | | Packing / Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| | | | | L | H | W | | | |
| Beta 4 | 1 | 4 | 55 | 127 | 214 | 93 | 1 / 20 | C | **60100** |
| Beta 6 | 1 | 6 | 55 | 162 | 214 | 93 | 1 / 20 | C | **60101** |
| Beta 8 | 1 | 8 | 55 | 216 | 214 | 93 | 1 / 20 | C | **60102** |
| Beta 12 | 1 | 12 | 55 | 270 | 214 | 93 | 1 / 12 | C | **60103** |
| Beta 18 | 1 | 18 | 55 | 378 | 233 | 93 | 1 / 8 | C | **60104** |
| Beta 24 | 2 | 24 | 55 | 340 | 288 | 93 | 1 / 8 | C | **60105** |



**Moisture-proof distribution boxes for surface mounting - Gamma series, IP 65**

| Type | Number of rows | Module capacity (number of devices) | IP | Dimensions (mm) | | | Packing / Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| | | | | H | L | W | | | |
| Gamma 4 | 1 | 4 | 65 | 210 | 140 | 100 | 1/30 | C | **60004** |
| Gamma 8 | 1 | 8 | 65 | 210 | 215 | 100 | 1/20 | C | **60008** |
| Gamma 12 | 1 | 12 | 65 | 260 | 300 | 140 | 1/10 | C | **60012** |
| Gamma 18 | 1 | 18 | 65 | 285 | 410 | 140 | 1/5 | C | **60018** |
| Gamma 24 | 2 | 24 | 65 | 300 | 415 | 140 | 1/5 | C | **60024** |






*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

**Documents corresponding to the product:**
Standard EN 60439 -1
EN 60439 -5









## PLASTIC DISTRIBUTION BOARDS ABS- PP SERIES, IP65

3+2 standard +extended 5 YEAR TOTAL WARRANTY

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 SPECIFICATIONS:**
- 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 halogen free distribution boards PP series - gray door**

| Board Type | Material Type | H (mm) | L (mm) | W (mm) | Packing / Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| PP 3001 | ABS | 300 | 200 | 130 | 1 | C | **5312030130** |
| PP 3002 | ABS | 350 | 250 | 150 | 1 | C | **5312535150** |
| PP 3004 | ABS | 400 | 300 | 170 | 1 | C | **5313040170** |
| PP 3005 | ABS | 400 | 300 | 220 | 1 | C | **5313040220** |
| PP 3006 | ABS | 500 | 350 | 190 | 1 | C | **5313550190** |
| PP 3007 | ABS | 500 | 400 | 240 | 1 | C | **5314050240** |
| PP 3008 | ABS | 600 | 400 | 200 | 1 | C | **5314060190** |

**Note:** Open door angle 180°

**ABS halogen free distribution boards PP series- transparent door**

| Board Type | Material Type | H (mm) | L (mm) | W (mm) | Packing / Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| PP 3011 | ABS | 300 | 200 | 130 | 1 | C | **5342030130** |
| PP 3012 | ABS | 350 | 250 | 150 | 1 | C | **5342535150** |
| PP 3014 | ABS | 400 | 300 | 170 | 1 | C | **5343040170** |
| PP 3015 | ABS | 400 | 300 | 220 | 1 | C | **5343040220** |
| PP 3016 | ABS | 500 | 350 | 190 | 1 | C | **5343550190** |
| PP 3017 | ABS | 500 | 400 | 240 | 1 | C | **5344050240** |
| PP 3018 | ABS | 600 | 400 | 200 | 1 | C | **5344060190** |
| PP 3020 | ABS | 700 | 500 | 250 | 1 | C | **5345070250** |

**ABS halogen free distribution module boards PP series- transparent door**

| Board Type | Material Type | H (mm) | L (mm) | W (mm) | Packing / Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| PP 3112-18modules | ABS | 350 | 250 | 150 | 1 | C | **5322535150** |
| PP 3114-24modules | ABS | 400 | 300 | 170 | 1 | C | **5323040170** |
| PP 3116-45modules | ABS | 500 | 350 | 190 | 1 | C | **5323550190** |
| PP 3118-60modules | ABS | 600 | 400 | 200 | 1 | C | **5324060190** |

**Note:** Transperent door

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.***

# SURFACE MOUNTING POLYESTER BOARDS EC SERIES IP65

UNTIL SUPPLY LAST

3+2 standard +extended 5 YEAR TOTAL WARRANTY

**TECHNICAL SPECIFICATIONS:**

- Colour: grey RAL 7035.
- IP65 protection degree.
- Material: made of halogen free reinforced fiberglass polyester, self-extinguishing V0 degree according to UL94.
- Double insulation, shock resistance: IK10, 20j, according to EN 62262.
- Application temperature: minimum –25°, maximum +65°.
- Resistance to abnormal heat (GWT)- board with blank door up to 960°C - board with transparent window up to 650°C.
- Application voltage 1000V, suitable for photovoltaic plants.
- Right or left reversible door with stainless steel pins – it can be opened more than 180°.
- Plain and smooth headboards for easy opening and conduit inlet.
- Removable frame ready to install slotted trunkings in the back.
- Back plates made up of metal or insulating material can be fixed directly to the board back, also if the frame is used, or can be adjusted to different heights through the kit EC625REG.
- Possibility to mount 48-75mm high switches or 102mm high switches starting from the board with dimensions 435x505x215.
- One-Screw-System: only one type of screws is used for the different accessories in order to permit a simple and easy assembly.
- Left or right reversible counter door with stainless steel pins, ergonomic handle, triangle lock, adjustable at two different heights with reference grid for the fixing of the devices.
- Fixing of the single/double blank or windowed panels through a ¼ turn screws.



**Halogen free polyester boards EC series- blank door**

| Type | Material | H (mm) | L (mm) | W (mm) | Packing /Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| PBBD 5002 | Polyester | 430 | 325 | 185 | 1 | F | **5333243185** |
| PBBD 5003 | Polyester | 505 | 435 | 215 | 1 | F | **5334350215** |
| PBBD 5004 | Polyester | 655 | 435 | 215 | 1 | F | **5334365215** |
| PBBD 5005 | Polyester | 655 | 545 | 265 | 1 | F | **5335465265** |

*Detailed installation instructions and information about the functions and applications of all additional accessories for polyester boxes, you can find on: www.elmarkholding.eu



**Halogen free polyester boards EC series- transparent door**

| Type | Material | H (mm) | L (mm) | W (mm) | Packing /Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| PBTD 5001 | Polyester | 305 | 270 | 170 | 1 | F | **5362730170** |
| PBTD 5002 | Polyester | 430 | 325 | 185 | 1 | F | **5363243185** |
| PBTD 5003 | Polyester | 505 | 435 | 215 | 1 | F | **5364350215** |
| PBTD 5004 | Polyester | 655 | 435 | 215 | 1 | F | **5364365215** |
| PBTD 5005 | Polyester | 655 | 545 | 265 | 1 | F | **5365465265** |



**Polyester hinger counterdoor EC**

| Type | Material | Used for type boards | Packing /Box | Product category | Catalogue number |
|---|---|---|---|---|---|
| CD 5002 | Polyester | PBTD/PBBD 5002 | 1 | F | **53502CD** |
| CD 5003 | Polyester | PBTD/PBBD 5003 | 1 | F | **53503CD** |
| CD 5004 | Polyester | PBTD/PBBD 5004 | 1 | F | **53504CD** |
| CD 5005 | Polyester | PBTD/PBBD 5005 | 1 | F | **53505CD** |

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.***



**Metal back plate EC**

| Type | Dimensions | Used for type boards | Packing /Box | Product category | Catalogue number |
|---|---|---|---|---|---|
| MP 5001 | 207x239 | PBTD/PBBD 5001 | 1 | F | **53501MP** |
| MP 5002 | 264x364 | PBTD/PBBD 5002 | 1 | F | **53502MP** |
| MP 5004 | 372x589 | PBTD/PBBD 5004 | 1 | F | **53504MP** |
| MP 5005 | 482x589 | PBTD/PBBD 5005 | 1 | F | **53505MP** |
| MP 5006 | 556x739 | PBTD/PBBD 5006 | 1 | F | **53506MP** |



**Insulanting plastic back plate EC**

| Type | Dimensions | Used for type boards | Packing /Box | Product category | Catalogue number |
|---|---|---|---|---|---|
| IBP 5001 | 207x239 | PBTD/PBBD 5001 | 1 | F | **53501IBP** |
| IBP 5005 | 482x589 | PBTD/PBBD 5005 | 1 | F | **53505IBP** |
| IBP 5006 | 556x739 | PBTD/PBBD 5006 | 1 | F | **53506IBP** |



**Pair of uprights for rail DIN and panels EC**

| Type | Used for type boards | Packing /Box | Product category | Catalogue number |
|---|---|---|---|---|
| DP 5002 | PBTD/PBBD 5002 | 1 pair | F | **53502DP** |
| DP 5003 | PBTD/PBBD 5003 | 1 pair | F | **53503DP** |
| DP 5004 | PBTD/PBBD 5004/5005 | 1 pair | F | **53504DP** |
| DP 5006 | PBTD/PBBD 5006 | 1 pair | F | **53506DP** |



**DIN rail with support EC**

| Type | Module capacity | Used for type boards | Packing /Box | Product category | Catalogue number |
|---|---|---|---|---|---|
| DS 5005 | 28 | PBTD/PBBD 5006 | 1 | F | **53505DS** |



***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.***



### Cover module with window EC

| Type | Module capacity | Used for type boards | Packing /Box | Product category | Catalogue number |
|---|---|---|---|---|---|
| CMW 5002 | 12 | PBTD/PBBD 5002 | 1 | F | **53502CMW** |
| CMW 5003 | 18 | PBTD/PBBD 5003/5004 | 1 | F | **53503CMW** |
| CMW 5004 | 24 | PBTD/PBBD 5005 | 1 | F | **53504CMW** |
| CMW 5005 | 28 | PBTD/PBBD 5006 | 1 | F | **53505CMW** |



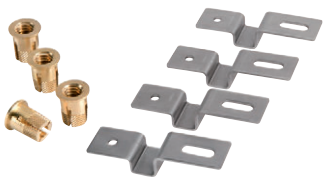
### Blank cover module EC

| Type | Heigth of single/ double cover (mm) | Used for type boards | Packing / Box | Product category | Catalogue number single cover | Catalogue number double cover |
|---|---|---|---|---|---|---|
| Blank cover module | 125/250 | PBTD/PBBD 5002 | 1 | F | **53502S** | |
| | 150/300 | PBTD/PBBD 5003/5004 | 1 | F | **53503S** | **53503D** |
| | 150/300 | PBTD/PBBD 5005 | 1 | F | **53505S** | **53505D** |
| | 150/300 | PBTD/PBBD 5006 | 1 | F | **53506S** | **53506D** |



### Deep adjusment back plate kit EC

| Type | Used for type boards | Need kits | Packing /Box | Product category | Catalogue number |
|---|---|---|---|---|---|
| Deep adjusment back plate kit | PBTD/PBBD 5002/5003 | 2kit | 1 kit (2 pcs) | F | **53507** |
| | PBTD/PBBD 5004/5005 | 3kit | 1 kit (2 pcs) | F | **53507** |
| | PBTD/PBBD 5006 | 4kit | 1 kit (2 pcs) | F | **53507** |



### Spare brass and brackets for fixing- galvanized EC

| Type | Used for type boards | Packing /Box | Product category | Catalogue number |
|---|---|---|---|---|
| Galvanized brackets | All type | 1 kit (4 pcs) | F | **53510** |
| Spare brass insert kit | All type | 1 kit (10 pcs) | F | **53512** |



### Safety lock EC

| Type | Used for type boards | Packing /Box | Product category | Catalogue number |
|---|---|---|---|---|
| Safety lock | All type | 1 | F | **53511** |

**Note:** Lock supplied with two unified keys. The keys are inified and open all the locks

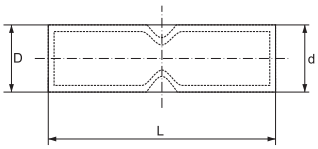
***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.***



## 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




| Type | Length L (mm) | Outer diameter D (mm) | Inner diameter d (mm) | Cable (mm²) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| GTY-4 | 20 | 5 | 3 | 4 | 1000 / 16000 | C | **59213** |
| GTY-6 | 25 | 5.3 | 3.7 | 6 | 500 / 1500 / 12000 | C | **59201** |
| GTY-10 | 30 | 6.3 | 4.5 | 10 | 500 / 1500 / 12000 | C | **59202** |
| GTY-16 | 35 | 7.5 | 5.7 | 16 | 100 / 200 / 4800 | C | **59203** |
| GTY-25 | 40 | 9 | 7.2 | 25 | 100 / 500 / 2000 | C | **59204** |
| GTY-35 | 45 | 10.8 | 8.5 | 35 | 100 / 200 / 1600 | C | **59205** |
| GTY-50 | 50 | 12.5 | 9.8 | 50 | 20 / 200 / 1600 | C | **59206** |
| GTY-70 | 55 | 14.5 | 11.5 | 70 | 10 / 100 / 800 | C | **59207** |
| GTY-95 | 60 | 17 | 13.7 | 95 | 10 / 80 / 640 | C | **59208** |
| GTY-120 | 65 | 19 | 15 | 120 | 10 / 60 / 480 | C | **59209** |
| GTY-150 | 70 | 21 | 16.7 | 150 | 10 / 50 / 400 | C | **59210** |
| GTY-185 | 75 | 23 | 18.5 | 185 | 10 / 40 / 320 | C | **59211** |
| GTY-240 | 80 | 26 | 21 | 240 | 10 / 30 / 240 | C | **59212** |

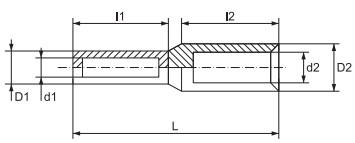




## BIMETALLIC CONNECTION TUBE - GTL TYPE

Pipes made of two metals – copper and aluminum without galvanic coating. They are designed for joining copper and aluminum 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




| Type | d1 | D1 | d2 | D2 | l1 | l2 | L | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|
| GTL - 16 | 5 | 9 | 6 | 10 | 30 | 30 | 75 | 20 / 200 / 1200 | C | **59214** |
| GTL - 25 | 6 | 10 | 7 | 12 | 30 | 33 | 82 | 20 / 400 / 1500 | C | **59215** |
| GTL - 35 | 7 | 11 | 8.5 | 14 | 30 | 40 | 90 | 20 / 300 / 1000 | C | **59216** |
| GTL - 50 | 8.5 | 13 | 9.8 | 16 | 32 | 42 | 95 | 20 / 800 | C | **59217** |
| GTL - 70 | 9.5 | 15 | 11.5 | 18 | 38 | 50 | 105 | 10 / 600 | C | **59218** |
| GTL - 95 | 11.5 | 17 | 13.5 | 21 | 40 | 50 | 110 | 10 / 500 | C | **59219** |
| GTL - 120 | 13.5 | 19 | 15 | 23 | 42 | 55 | 112 | 10 / 400 | C | **59220** |
| GTL - 150 | 15 | 21 | 17 | 25 | 44 | 55 | 118 | 10 / 350 | C | **59221** |
| GTL - 185 | 17 | 23 | 18.5 | 27 | 46 | 60 | 125 | 10 / 300 | C | **59222** |
| GTL - 240 | 19 | 26 | 21 | 30 | 54 | 60 | 130 | 10 / 200 | C | **59223** |



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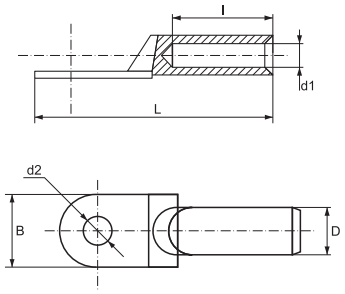
# CABLE TERMINALS NON-ISOLATED - JM TYPE



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 JM. 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.



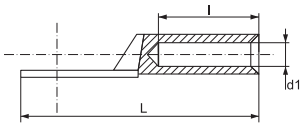

| Type | d1 (mm) | D (mm) | d2 (mm) | L (mm) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| JM - 2.5/6 | 2.2 | 4.5 | 6 | 24 | 1000 / 3000 / 24000 | C | **59240** |
| JM - 4/6 | 3.0 | 4.8 | 6 | 24 | 1000 / 2000 / 16000 | C | **59241** |
| JM - 6/6 | 3.8 | 5.5 | 6 | 24 | 500 / 2000 / 16000 | C | **59035** |
| JM - 6/8 | 3.8 | 5.5 | 8 | 2 4 | 500 / 2000 / 16000 | C | **59059** |
| JM - 10/6 | 4.8 | 6.8 | 6 | 25.5 | 100 / 1500 / 12000 | C | **59036** |
| JM - 10/8 | 4.8 | 6.8 | 8 | 25.5 | 500 / 1500 / 12000 | C | **59037** |
| JM - 16/6 | 5.5 | 7.5 | 6 | 30.5 | 400 / 800 / 6400 | C | **59038** |
| JM - 16/8 | 5.5 | 7.5 | 8 | 30.5 | 400 / 800 / 6400 | C | **59039** |
| JM - 16/10 | 5.5 | 7.5 | 10 | 30.5 | 400 / 800 / 6400 | C | **59040** |
| JM - 25/8 | 7 | 9 | 8 | 34 | 100 / 500 / 4000 | C | **59041** |
| JM - 25/10 | 7 | 9 | 10 | 34 | 250 / 500 / 4000 | C | **59042** |
| JM - 35/8 | 8.2 | 10.5 | 8 | 38 | 200 / 400 / 3200 | C | **59043** |
| JM - 35/10 | 8.2 | 10.5 | 10 | 38 | 200 / 400 / 3200 | C | **59044** |
| JM - 35/12 | 8.2 | 10.5 | 12 | 38 | 200 / 400 / 3200 | C | **59045** |
| JM - 50/8 | 9.8 | 12.5 | 8 | 45 | 100 / 200 / 1600 | C | **59046** |
| JM - 50/10 | 9.8 | 12.5 | 10 | 45 | 100 / 100 / 1600 | C | **59047** |
| JM - 50/12 | 9.8 | 12.5 | 12 | 45 | 100 / 200 / 1600 | C | **59048** |
| JM - 70/10 | 11.5 | 14.5 | 10 | 50 | 80 / 100 / 1280 | C | **59049** |
| JM - 70/12 | 11.5 | 14.5 | 12 | 50 | 80 / 100 / 1280 | C | **59050** |
| JM - 95/10 | 13.8 | 17.5 | 10 | 55.5 | 50 / 200 / 800 | C | **59051** |
| JM - 95/12 | 13.8 | 17.5 | 12 | 55.5 | 50 / 200 / 800 | C | **59052** |
| JM - 120/10 | 15.5 | 19.5 | 10 | 63 | 30 / 60 / 480 | C | **59053** |
| JM - 120/12 | 15.5 | 19.5 | 12 | 63 | 30 / 60 / 480 | C | **59054** |
| JM - 150/12 | 16.5 | 21 | 12 | 71 | 10 / 50 / 400 | C | **59055** |
| JM - 185/12 | 18.8 | 23.5 | 12 | 78 | 10 / 40 / 320 | C | **59056** |
| JM - 185/16 | 18.8 | 23.5 | 16 | 78 | 10 / 40 / 320 | C | **59057** |
| JM - 240/16 | 21.3 | 26.5 | 16 | 92 | 10 / 30 / 240 | C | **59058** |

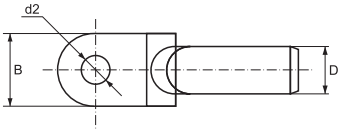


***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

## 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.

| Type | d1 (mm) | D (mm) | d2 (mm) | L (mm) | l (mm) | B (mm) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| DTL - 1 - 16 | 6 | 11 | 8 | 70 | 30 | 16 | 20 / 200 / 1440 | C | **59224** |
| DTL - 1 - 25 | 7 | 12 | 8 | 75 | 34 | 18 | 20 / 180 / 1080 | C | **59225** |
| DTL - 1 - 35 | 8.5 | 14 | 10 | 85 | 38 | 20.5 | 20 / 100 / 600 | C | **59226** |
| DTL - 1 - 50 | 9.8 | 16 | 10 | 90 | 40 | 23 | 20 / 70 / 420 | C | **59227** |
| DTL - 1 - 70 | 11.5 | 18 | 12 | 102 | 48 | 26 | 10 / 60 / 360 | C | **59228** |
| DTL - 1 - 95 | 13.5 | 21 | 12 | 112 | 50 | 28 | 10 / 40 / 180 | C | **59229** |
| DTL - 1 - 120 | 15 | 23 | 14 | 120 | 53 | 30 | 10 / 30 / 120 | C | **59230** |
| DTL - 1 - 150 | 16.5 | 25 | 14 | 126 | 56 | 34 | 5 / 25 / 120 | C | **59231** |
| DTL - 1 - 185 | 18.5 | 27 | 16 | 133 | 58 | 37 | 5 / 20 / 120 | C | **59232** |
| DTL - 1 - 240 | 21 | 30 | 16 | 140 | 60 | 40 | 4 / 12 / 72 | C | **59233** |

## COPPER CABLE WIRE FORK TERMINAL CONNECTOR



| Type | Length (mm) | Colour | Conductor ($mm^2$) | Packing (pcs.) | Packing / Box (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| SVS1.25-4 | 21.2 | Red | 0.5-1.0 | 100 | 10 / 240 | C | **59080** |
| SVS1.25-5 | 21.2 | Red | 0.5-1.0 | 100 | 15 / 180 | C | **59081** |
| SVS1.25-6 | 21.2 | Red | 0.5-1.0 | 100 | 15 / 180 | C | **59082** |
| SVS 2-4 | 21.0 | Blue | 1.5-2.5 | 100 | 15 / 180 | C | **59083** |
| SVS 2-5 | 22.5 | Blue | 1.5-2.5 | 100 | 15 / 180 | C | **59084** |
| SVS 2-6 | 27,6 | Blue | 1.5-2.5 | 100 | 10 / 120 | C | **59085** |
| SVS 5,5-4 | 24.5 | Yellow | 4.0-6.0 | 100 | 5 / 60 | C | **59086** |
| SVS 5,5-5 | 27,9 | Yellow | 4.0-6.0 | 100 | 5 / 60 | C | **59087** |
| SVS 5,5-6 | 27,9 | Yellow | 4.0-6.0 | 100 | 5 / 60 | C | **59088** |

## ISOLATED CABLE TERMINALS - CHS TYPE



| Type | Length (mm) | Conductor ($mm^2$) | Packing / Box (pcs.) | Packing / Box (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| CHS3 | 18.1 | 0.25-1.5 | 100 | 250 | C | **59115** |
| CHS4 | 20.1 | 1.5-2.5 | 100 | 200 | C | **59116** |
| CHS5 | 25.5 | 4.0-6.0 | 100 | 200 | C | **59117** |
| CHS6 | 27.3 | 8.0 | 100 | 100 | C | **59118** |

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## 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

| Type | Length (mm) | Colour | Conductor (mm$^2$) | Packing (pcs.) | Packing / Box (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| PVT 1.25 | 16 | red | 0.5-1.0 | 100 | 15 / 300 | C | **59015** |
| BV 1.25 | 25 | red | 0.5-1.0 | 100 | 10 / 120 | C | **59001** |
| PVT 2 | 16 | blue | 1.5-2.5 | 100 | 15 / 300 | C | **59034** |
| BV 2 | 25 | blue | 1.5-2.5 | 100 | 10 / 60 | C | **59002** |
| PVT 5.5 | 20 | yellow | 4.0-6.0 | 100 | 5 / 60 | C | **59014** |
| BV 5.5 | 25 | yellow | 4.0-6.0 | 100 | 5 / 60 | C | **59003** |

## ISOLATED CABLE TERMINALS - MDD/FDD TYPES



They represent a cable terminal made of brass alloy with galvanic tin coating and insulated with polyvinylchloride. 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: polyvinylchloride
- Application: general for joining copper conductors
- Ambient temperature: -10 to +75°C

| Type | Shape | Colour | Conductor (mm$^2$) | Shoe width | Packing (pcs.) | Packing / Box (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| MDD 1.25 - 187 | male | red | 0.5-1.0 | 187 | 100 | 10 / 240 | C | **59012** |
| MDD 1.25 - 250 | male | red | 0.5-1.0 | 250 | 100 | 10 / 240 | C | **59009** |
| MDD 2 - 187 | male | blue | 1.5-2.5 | 187 | 100 | 10 / 240 | C | **59013** |
| MDD 2 - 250 | male | blue | 1.5-2.5 | 250 | 100 | 10 / 180 | C | **59011** |
| MDD 5.5 - 250 | male | yellow | 4.0-6.0 | 250 | 100 | 10 / 120 | C | **59010** |
| FDD 1.25 - 187 | female | red | 0.5-1.0 | 187 | 100 | 20 / 240 | C | **59008** |
| FDD 1.25 - 187 | female | red | 0.5-1.0 | 250 | 100 | 15 / 180 | C | **59006** |
| FDD 2 - 187 | female | blue | 1.5-2.5 | 187 | 100 | 20 / 240 | C | **59007** |
| FDD 2 - 250 | female | blue | 1.5-2.5 | 250 | 100 | 10 / 180 | C | **59004** |
| FDD 5.5 - 250 | female | yellow | 4.0-6.0 | 250 | 100 | 10 / 120 | C | **59005** |

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## ISOLATED CABLE TERMINALS - E TYPE

| Type | Colour | Terminal length (mm) | Conductor ($mm^2$) | Packing (pcs.) | Packing / Box (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| E0508 | white | 8 | 0.5 | 100 | 50 / 600 | C | **59023** |
| E7508 | blue | 8 | 0.75 | 100 | 50 / 600 | C | **59024** |
| E1008 | red | 8 | 1.0 | 100 | 50 / 600 | C | **59025** |
| E1510 | black | 10 | 1.5 | 100 | 30 / 360 | C | **59026** |
| E2512 | grey | 12 | 2.5 | 100 | 30 / 300 | C | **59027** |
| E4012 | orange | 12 | 4.0 | 100 | 20 / 240 | C | **59028** |
| E6018 | green | 18 | 6.0 | 100 | 5 / 120 | C | **59029** |
| E10-18 | dark green | 18 | 10 | 100 | 8 / 96 | C | **59030** |
| E16-18 | milky yellow | 18 | 16 | 100 | 6 / 60 | C | **59031** |
| E25-16 | black | 16 | 25 | 100 | 5 / 36 | C | **59032** |
| E35-25 | grey-yellow | 25 | 35 | 100 | 2 / 24 | C | **59033** |



## TWIN ISOLATED CABLE TERMINALS- TE TYPE

| Type | Colour | Terminal length (mm) | Conductor ($mm^2$) | Packing (pcs.) | Packing / Box (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| TE0508 | white | 8 | 2x0.5 | 100 | 50 / 600 | C | **59023TE** |
| TE7508 | Blue | 8 | 2x0.75 | 100 | 50 / 600 | C | **59024TE** |
| TE1008 | Red | 8 | 2x1.0 | 100 | 50 / 600 | C | **59025TE** |
| TE1508 | black | 8 | 2x1.5 | 100 | 30 / 360 | C | **59026TE** |
| TE2510 | grey | 10 | 2x2.5 | 100 | 30 / 300 | C | **59027TE** |
| TE4010 | orange | 10 | 2x4.0 | 100 | 20 / 240 | C | **59028TE** |
| TE6014 | green | 14 | 2x6.0 | 100 | 5 / 120 | C | **59029TE** |
| TE10-14 | dark green | 14 | 2x10.0 | 100 | 8 / 96 | C | **59030TE** |
| TE16-14 | milky yellow | 14 | 2x16.0 | 100 | 6 / 60 | C | **59031TE** |



## ISOLATED CABLE TERMINALS - PTV TYPE

| Type | Shape | Colour | Conductor ($mm^2$) | Shoe width | Packing (pcs.) | Packing / Box (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| PTV 1.25 - 10 | male | red | 0.25-1.0 | 1.9 | 100 | 20 / 240 | C | **59101** |
| PTV 1.25 - 12 | male | red | 0.25-1.0 | 1.9 | 100 | 20 / 240 | C | **59102** |
| PTV 2 - 10 | male | blue | 1.5-2.5 | 1.9 | 100 | 20 / 240 | C | **59103** |
| PTV 2 - 12 | male | blue | 1.5-2.5 | 1.9 | 100 | 15 / 180 | C | **59104** |
| PTV 5.5 - 13 | male | yellow | 4.0-6.0 | 2.9 | 100 | 8 / 96 | C | **59105** |

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## ISOLATED CABLE TERMINALS - RVL TYPE



| Type | Size of the opening (mm) | Colour | Conductor ($mm^2$) | Packing (pcs.) | Packing / Box (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| RVL 1.25-4 | 4 | red | 0.5-1.0 | 100 | 20 / 240 | C | **59021** |
| RVL 1.25-5 | 5 | red | 0.5-1.0 | 100 | 15 / 180 | C | **59022** |
| RVL 2-4 | 4 | blue | 1.5-2.5 | 100 | 15 / 180 | C | **59018** |
| RVL 2-5 | 5 | blue | 1.5-2.5 | 100 | 10 / 120 | C | **59019** |
| RVL 5.5-4 | 4 | yellow | 4.0-6.0 | 100 | 8 / 96 | C | **59020** |
| RV 5.5-5 | 5 | yellow | 4.0-6.0 | 100 | 8 / 96 | C | **59016** |
| RV 5.5-6 | 6 | yellow | 4.0-6.0 | 100 | 8 / 96 | C | **59017** |

## ISOLATED CABLE TERMINALS - PBDD TYPE



| Type | Shape | Colour | Conductor ($mm^2$) | Shoe width | Packing (pcs.) | Packing / Box (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| PBDD 1.25 - 250 | male | red | 0.25-1.0 | 6.3 | 100 | 5 / 60 | C | **59106** |
| PBDD 2 - 250 | male | blue | 1.5-2.5 | 6.3 | 100 | 5 / 60 | C | **59107** |
| PBDD 5.5 - 250 | male | yellow | 4.0-6.0 | 6.3 | 100 | 5 / 60 | C | **59108** |

## ISOLATED CABLE TERMINALS - MPD TYPE



| Type | Shape | Colour | Conductor ($mm^2$) | Shoe width | Packing (pcs.) | Packing / Box (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| MPD 1.25 - 156 | male | red | 0.25-1.0 | 6.3 | 100 | 10 / 240 | C | **59109** |
| MPD 2 - 195 | male | blue | 1.5-2.5 | 6.3 | 100 | 10 / 120 | C | **59110** |
| MPD 5.5 - 195 | male | yellow | 4.0-6.0 | 6.3 | 100 | 10 / 120 | C | **59111** |

## ISOLATED CABLE TERMINALS - MDFN/FDFNY



| Type | Shape | Colour | Conductor ($mm^2$) | Shoe width | Packing (pcs.) | Packing / Box (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| MDFN 1.0 - 250 | male | red | 0.25-1.0 | 4 | 100 | 5 / 60 | C | **59112** |
| MDFN 2 - 250 | male | blue | 1.5-2.5 | 4 | 100 | 5 / 60 | C | **59113** |
| MDFN 5 - 250 | male | yellow | 4.0-6.0 | 5 | 100 | 4 / 48 | C | **59114** |
| FDFNY 1.0 - 250 | female | red | 0.25-1.0 | 4 | 100 | 10 / 60 | C | **59242** |
| FDFNY 2 - 250 | female | blue | 1.5-2.5 | 4 | 100 | 10 / 60 | C | **59243** |
| FDFNY 5 - 250 | female | yellow | 4.0-6.0 | 5 | 100 | 10 / 60 | C | **59244** |

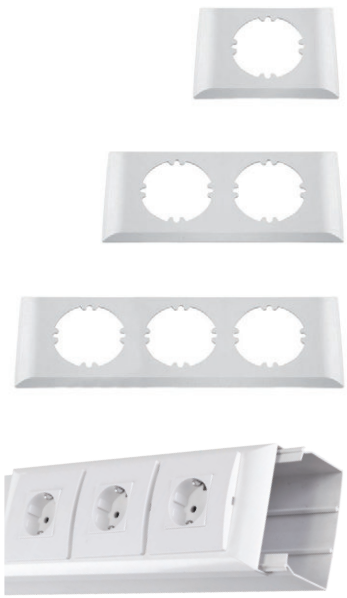
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## PLASTIC CABLE TRUNKING CT2

Cable trunkings 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.

| Type | Size (mm) | Length | Colour | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| PLASTIC CABLE TRUNKING CT2 | 12x12 | 2m | white | 100 | C | **5621212** |
| PLASTIC CABLE TRUNKING CT2 | 15X10 | 2m | white | 100 | C | **5621510** |
| PLASTIC CABLE TRUNKING CT2 | 16X16 | 2m | white | 100 | C | **5621616** |
| PLASTIC CABLE TRUNKING CT2 | 20X10 | 2m | white | 100 | C | **5622010** |
| PLASTIC CABLE TRUNKING CT2 | 25X16 | 2m | white | 80 | C | **5622516** |
| PLASTIC CABLE TRUNKING CT2 | 25X25 | 2m | white | 50 | C | **5622525** |
| PLASTIC CABLE TRUNKING CT2 | 40X16 | 2m | white | 50 | C | **5624016** |
| PLASTIC CABLE TRUNKING CT2 | 40X25 | 2m | white | 50 | C | **5624025** |
| PLASTIC CABLE TRUNKING CT2 | 40X40 | 2m | white | 40 | C | **5624040** |
| PLASTIC CABLE TRUNKING CT2 | 60X40 | 2m | white | 30 | C | **5626040** |
| PLASTIC CABLE TRUNKING CT2 | 60X60 | 2m | white | 32 | C | **5626060** |
| PLASTIC CABLE TRUNKING CT2 | 80X40 | 2m | white | 18 | C | **5628040** |
| PLASTIC CABLE TRUNKING CT2 | 80X60 | 2m | white | 24 | C | **5628060** |
| PLASTIC CABLE TRUNKING CT2 | 100X40 | 2m | white | 16 | C | **56210040** |
| PLASTIC CABLE TRUNKING CT2 | 100X60 | 2m | white | 16 | C | **56210060** |



## 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.

| Type | Used for cable trunking | Colour | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| SINGLE FRAME | 100X40/100X60 | White | 20 | C | **562100441** |
| DOUBLE FRAME | 100X40/100X60 | White | 14 | C | **562100442** |
| TRIPLE FRAME | 100X40/100X60 | White | 5 | C | **562100443** |



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## OUTSIDE CORNER



| Type | Used for cable trunking | Colour | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| OUTSIDE CORNER | 12x12 | white | 50 | C | **56212121** |
| OUTSIDE CORNER | 15X10 | white | 50 | C | **56215101** |
| OUTSIDE CORNER | 16X16 | white | 50 | C | **56216161** |
| OUTSIDE CORNER | 25X16 | white | 30 | C | **56225161** |
| OUTSIDE CORNER | 25X25 | white | 30 | C | **56225251** |
| OUTSIDE CORNER | 40X16 | white | 30 | C | **56240161** |
| OUTSIDE CORNER | 40X25 | white | 30 | C | **56240251** |
| OUTSIDE CORNER | 40X40 | white | 30 | C | **56240401** |
| OUTSIDE CORNER | 60X40 | white | 10 | C | **56260401** |
| OUTSIDE CORNER | 60X60 | white | 10 | C | **56260601** |
| OUTSIDE CORNER | 80X40 | white | 8 | C | **56280401** |
| OUTSIDE CORNER | 80X60 | white | 8 | C | **56280601** |
| OUTSIDE CORNER | 100X40 | white | 6 | C | **562100401** |
| OUTSIDE CORNER | 100X60 | white | 6 | C | **562100601** |

## INSIDE CORNER

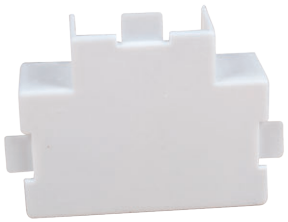


| Type | Used for cable trunking | Colour | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| INSIDE CORNER | 12x12 | white | 50 | C | **56212122** |
| INSIDE CORNER | 15X10 | white | 50 | C | **56215102** |
| INSIDE CORNER | 16X16 | white | 50 | C | **56216162** |
| INSIDE CORNER | 25X16 | white | 30 | C | **56225162** |
| INSIDE CORNER | 25X25 | white | 30 | C | **56225252** |
| INSIDE CORNER | 40X16 | white | 30 | C | **56240162** |
| INSIDE CORNER | 40X25 | white | 30 | C | **56240252** |
| INSIDE CORNER | 40X40 | white | 30 | C | **56240402** |
| INSIDE CORNER | 60X40 | white | 10 | C | **56260402** |
| INSIDE CORNER | 60X60 | white | 10 | C | **56260602** |
| INSIDE CORNER | 80X40 | white | 8 | C | **56280402** |
| INSIDE CORNER | 80X60 | white | 8 | C | **56280602** |
| INSIDE CORNER | 100X40 | white | 6 | C | **562100402** |
| INSIDE CORNER | 100X60 | white | 6 | C | **562100602** |



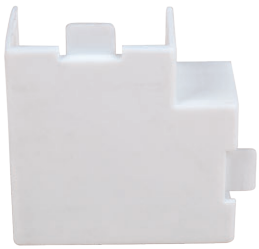
*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.*

## T- CORNER



| Type | Used for cable trunking | Colour | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| T- corner | 12x12 | white | 50 | C | **56212123** |
| T- corner | 15X10 | white | 50 | C | **56215103** |
| T- corner | 16X16 | white | 50 | C | **56216163** |
| T- corner | 25X16 | white | 20 | C | **56225163** |
| T- corner | 25X25 | white | 20 | C | **56225253** |
| T- corner | 40X16 | white | 30 | C | **56240163** |
| T- corner | 40X25 | white | 30 | C | **56240253** |
| T- corner | 40X40 | white | 30 | C | **56240403** |
| T- corner | 60X40 | white | 16 | C | **56260403** |
| T- corner | 60X60 | white | 16 | C | **56260603** |
| T- corner | 80X40 | white | 8 | C | **56280403** |
| T- corner | 80X60 | white | 8 | C | **56280603** |
| T- corner | 100X40 | white | 8 | C | **562100403** |
| T- corner | 100X60 | white | 8 | C | **562100603** |

## L- CORNER



| Type | Used for cable trunking | Colour | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| L- corner | 12x12 | white | 50 | C | **56212124** |
| L- corner | 15X10 | white | 50 | C | **56215104** |
| L- corner | 16X16 | white | 50 | C | **56216164** |
| L- corner | 25X16 | white | 30 | C | **56225164** |
| L- corner | 25X25 | white | 30 | C | **56225254** |
| L- corner | 40X16 | white | 30 | C | **56240164** |
| L- corner | 40X25 | white | 30 | C | **56240254** |
| L- corner | 40X40 | white | 30 | C | **56240404** |
| L- corner | 60X40 | white | 16 | C | **56260404** |
| L- corner | 60X60 | white | 16 | C | **56260604** |
| L- corner | 80X40 | white | 12 | C | **56280404** |
| L- corner | 80X60 | white | 12 | C | **56280604** |
| L- corner | 100X40 | white | 8 | C | **562100404** |
| L- corner | 100X60 | white | 8 | C | **562100604** |



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## CONNECTOR



| Type | Used for cable trunking | Colour | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| Connector | 12x12 | white | 50 | C | **56212125** |
| Connector | 15X10 | white | 50 | C | **56215105** |
| Connector | 16X16 | white | 50 | C | **56216165** |
| Connector | 25X16 | white | 30 | C | **56225165** |
| Connector | 25X25 | white | 30 | C | **56225255** |
| Connector | 40X16 | white | 30 | C | **56240165** |
| Connector | 40X25 | white | 30 | C | **56240255** |
| Connector | 40X40 | white | 30 | C | **56240405** |
| Connector | 60X40 | white | 25 | C | **56260405** |
| Connector | 60X60 | white | 25 | C | **56260605** |
| Connector | 80X40 | white | 50 | C | **56280405** |
| Connector | 80X60 | white | 50 | C | **56280605** |
| Connector | 100X40 | white | 50 | C | **562100405** |
| Connector | 100X60 | white | 30 | C | **562100605** |

## END CAP



| Type | Used for cable trunking | Colour | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| End cap | 12x12 | white | 50 | C | **56212126** |
| End cap | 15X10 | white | 50 | C | **56215106** |
| End cap | 16X16 | white | 50 | C | **56216166** |
| End cap | 25X16 | white | 50 | C | **56225166** |
| End cap | 25X25 | white | 50 | C | **56225256** |
| End cap | 40X16 | white | 30 | C | **56240166** |
| End cap | 40X25 | white | 30 | C | **56240256** |
| End cap | 40X40 | white | 30 | C | **56240406** |
| End cap | 60X40 | white | 50 | C | **56260406** |
| End cap | 60X60 | white | 50 | C | **56260606** |
| End cap | 80X40 | white | 60 | C | **56280406** |
| End cap | 80X60 | white | 60 | C | **56280606** |
| End cap | 100X40 | white | 50 | C | **562100406** |
| End cap | 100X60 | white | 50 | C | **562100606** |

## SEPARATOR



| Type | Length (m) | Used for cable trunking | Colour | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| SEPARATOR 40 | 2 | 100x40 | white | 40 | C | **56261111** |
| SEPARATOR 60 | 2 | 100x60 | white | 40 | C | **56261112** |

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## PLASTIC CABLE TRUNKING SELF-ADHESIVE

| Type | Size (mm) | Length | Colour | Packing m/pcs | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Plastic cable trunking self-adhesive | 12x12 | 2m | white | 250/125 | C | **5621212A** |
| | 15x10 | 2m | white | 250/125 | C | **5621510A** |
| | 16x16 | 2m | white | 250/125 | C | **5621616A** |
| | 20x10 | 2m | white | 200/100 | C | **5622010A** |
| | 25x16 | 2m | white | 100/50 | C | **5622516A** |
| | 25x25 | 2m | white | 100/50 | C | **5622525A** |
| | 40x16 | 2m | white | 50/25 | C | **5624016A** |
| | 40x25 | 2m | white | 80/40 | C | **5624025A** |
| | 40x40 | 2m | white | 80/40 | C | **5624040A** |



## PLASTIC CABLE TRUNKING - DARK WALNUT

| Type | Size (mm) | Length | Colour | Packing m/pcs | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Plastic cable trunking dark walnut | 12x12 | 2m | dark walnut | 250/125 | C | **5621212DW** |
| | 15x10 | 2m | dark walnut | 250/125 | C | **5621510DW** |
| | 16x16 | 2m | dark walnut | 250/125 | C | **5621616DW** |
| | 25x16 | 2m | dark walnut | 150/75 | C | **5622516DW** |
| | 25x25 | 2m | dark walnut | 100/50 | C | **5622525DW** |
| | 40x25 | 2m | dark walnut | 80/40 | C | **5624025DW** |



## PLASTIC CABLE TRUNKING - LIGHT BEECH

| Type | Size (mm) | Length | Colour | Packing m/pcs | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Plastic cable trunking light beech | 12x12 | 2m | light beech | 250/125 | C | **5621212LB** |
| | 15x10 | 2m | light beech | 250/125 | C | **5621510LB** |
| | 16x16 | 2m | light beech | 250/125 | C | **5621616LB** |
| | 25x16 | 2m | light beech | 150/75 | C | **5622516LB** |
| | 25x25 | 2m | light beech | 100/50 | C | **5622525LB** |
| | 40x25 | 2m | light beech | 80/40 | C | **5624025LB** |

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## PLASTIC CABLE TRUNKING - PEAR

| Type | Size (mm) | Length | Colour | Packing m/pcs | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Plastic cable trunking pear | 12x12 | 2m | pear | 250/125 | C | **5621212P** |
| | 15x10 | 2m | pear | 250/125 | C | **5621510P** |
| | 16x16 | 2m | pear | 250/125 | C | **5621616P** |
| | 25x16 | 2m | pear | 150/75 | C | **5622516P** |
| | 25x25 | 2m | pear | 100/50 | C | **5622525P** |
| | 40x25 | 2m | pear | 80/40 | C | **5624025P** |



## SLOTTED PLASTIC CABLE TRUNKING CT2

| Type | Size (mm) | Length | Colour | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Slotted plastic cable trunking CT2 | 25x25 | 2m | grey | 196 | C | **5622525S** |
| | 25x40 | 2m | grey | 64 | C | **5622540S** |
| | 40x40 | 2m | grey | 64 | C | **5624040S** |
| | 40x60 | 2m | grey | 60 | C | **5624060S** |
| | 60x40 | 2m | grey | 60 | C | **5626040S** |
| | 60x60 | 2m | grey | 48 | C | **5626060S** |
| | 80x60 | 2m | grey | 40 | C | **5628060S** |
| | 100x40 | 2m | grey | 32 | C | **56210040S** |
| | 100x60 | 2m | grey | 32 | C | **56210060S** |



## FLOOR TYPE PLASTIC CABLE TRUNKING CT2

| Type | Size (mm) | Length | Colour | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Floor type plastic cable trunking CT2 | 75x20 | 2m | grey | 40 | C | **5627520F** |
| | 90x20 | 2m | grey | 20 | C | **5629020F** |
| | 60x15 | 2m | white | 60 | C | **5626015F/WH** |
| | 75x20 | 2m | white | 40 | C | **5627520F/WH** |
| | 90x20 | 2m | white | 20 | C | **5629020F/WH** |

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## AIR CONDITIONING TRUNKING

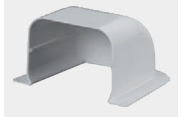
| Type | Size (mm) | Length | Colour | Packing m/pcs | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| PLASTIC TRUNKING | 75x60 | 2 | White | 15/30 | C | **5627560** |

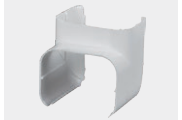



**56275608**


**56275608**

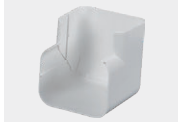

**56275607**


**56275607**


**56275602**

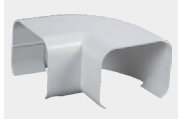

**56275602**


**56275601**


**56275601**


**56275606**


**56275606**


**56275604**


**56275605**

## AIR CONDITIONING TRUNKING ACCESSORIES

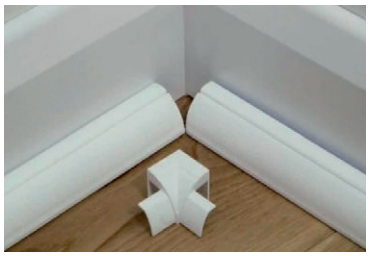
| Type | Used for cable trunking | Colour | Packing pcs | Product category | Catalogue number |
|---|---|---|---|---|---|
| OUTSIDE CORNER | 75x60 | White | 24 | C | **56275601** |
| INSIDE CORNER | 75x60 | White | 24 | C | **56275602** |
| L- CORNER | 75x60 | White | 18 | C | **56275604** |
| CONNECTOR | 75x60 | White | 40 | C | **56275605** |
| INTERNAL CAP | 75x60 | White | 30 | C | **56275606** |
| EXTERNAL CAP | 75x60 | White | 18 | C | **56275607** |
| WALL PENETRATION | 75x60 | White | | C | **56275608** |
| CABLE HOLDER | 75x60 | White | | C | **56275609** |

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## CORNER TRUNKING

| Type | Size (mm) | Length | Colour | Packing m/pcs | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Plastic cable trunking | 23X23 | 2 | White | 60/120 | C | **5622323** |



## CORNER TRUNKING ACCESSORIES

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Type | Used for cable trunking | Colour | Packing pcs | Product category | Catalogue number |
|---|---|---|---|---|---|
| T- corner | 23X23 | White | 60 | C | **56223233** |
| L- corner | 23X23 | White | 60 | C | **56223234** |
| Connector | 23X23 | White | 100 | C | **56223235** |
| End cap | 23X23 | White | 100 | C | **56223236** |



## FLEXIBLE DOUBLECOAT CORRUGATED PIPE

**TECHNICAL DATA:**
Material- HDPE;
Compresion resistance- 450 N/ 5 cm;
Colour- red
Fire reaction class: A1;
Minimum bending radius: 350 mm;
Temperature assembly resistance: -5 - +60 °C;
Halogen free

| Type | Inner Diameter Φ (mm) | Outer Diameter Φ (mm) | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|
| Flexible doublecoat corrugated pipe | 52 | 63 | 25 | C | **M006017** |



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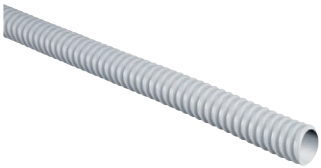
## SELF-EXTINGUISHING PLIABLE CONDUITS EC



**TECHNICAL DATA:**
Material- technopolymer on PVC base, Self extinguishing V0 degree to UL94;
Compresion resistance- 320N; Standard- EN 61386-1; EN61386-22; RAL- 7035

| Type | Inner Diameter Φ (mm) | Outer Diameter Φ (mm) | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|
| Self-extinguishing pliable conduits | 10,7 | 16 | 100 | C | **500M16** |
| Self-extinguishing pliable conduits | 14,1 | 20 | 100 | C | **500M20** |
| Self-extinguishing pliable conduits | 18,2 | 25 | 50 | C | **500M25** |
| Self-extinguishing pliable conduits | 24,3 | 32 | 25 | C | **500M32** |
| Self-extinguishing pliable conduits | 32,3 | 40 | 25 | C | **500M40** |
| Self-extinguishing pliable conduits with draw tape | 10,7 | 16 | 100 | C | **500N16** |
| Self-extinguishing pliable conduits with draw tape | 14,1 | 20 | 100 | C | **500N20** |
| Self-extinguishing pliable conduits with draw tape | 18,2 | 25 | 50 | C | **500N25** |
| Self-extinguishing pliable conduits with draw tape | 24,3 | 32 | 25 | C | **500N32** |
| Self-extinguishing pliable conduits with draw tape | 32,3 | 40 | 25 | C | **500N40** |

## 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;
Compresion resistance- 320N; Instalation temperature: -15/+70°C; Operating temperature: -5/+65°C; Type: UV rays resistance

| Type | Inner Diameter Φ (mm) | Outer Diameter Φ (mm) | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|
| UV flexible pvc conduit | 12 | 16,2 | 30 | C | **500UV12** |
| | 14 | 18,2 | 30 | C | **500UV14** |
| | 16 | 20,2 | 30 | C | **500UV16** |
| | 20 | 24,2 | 30 | C | **500UV20** |
| | 25 | 29,6 | 30 | C | **500UV25** |
| | 32 | 37,2 | 30 | C | **500UV32** |

## SPIRAL FOR CABLES





| Type | Colour | Internal diameter (mm) | External diameter (mm) | Coil length (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Spiral 6x8mm | transparent | 6 | 8 | 25 | C | **500SP6T** |
| Spiral 6x8mm | black | 6 | 8 | 25 | C | **500SP6B** |
| Spiral 10x12mm | transparent | 10 | 12 | 25 | C | **500SP10T** |
| Spiral 10x12mm | black | 10 | 12 | 25 | C | **500SP10B** |
| Spiral 14x16mm | transparent | 14 | 16 | 20 | C | **500SP14T** |
| Spiral 14x16mm | black | 14 | 16 | 20 | C | **500SP14B** |

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## NYLON CABLE DRAW TAPE EC

| Type | Diameter Φ (mm) | Length (m) | Colour | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Nylon cable draw tape | 3 | 5 | Transparent | 1/340 | C | **500305** |
| | 3 | 15 | Transparent | 1/120 | C | **500315** |



## 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

| Type | Inner Diameter Φ (mm) | Outer Diameter Φ (mm) | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|
| PVC insulated steel spirals | 11 | 15,2 | 50 | C | **500P11** |
| | 14 | 18,4 | 50 | C | **500P14** |
| | 16 | 20,4 | 50 | C | **500P16** |
| | 18 | 22,4 | 50 | C | **500P18** |
| | 26 | 30,4 | 25 | C | **500P26** |
| | 37 | 42,4 | 25 | C | **500P37** |



## PVC SELF-EXTIGUISHING RIGID INSULATING CONDUIT EC

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. Non-flammable material, easy to cut and paint.

**TECHNICAL DATA:**
Material - shock resistance technopolymer on rigid PVC base
Self extinguishing V0 degree to UL94
Compresion resistance- 320N
Standard- EN 61386-1; EN 61386-21

| Type | External diameter Ø (mm) | Length (m) | Colour | IP code | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| Plastic cable conduit, with sleeve | 16 | 3 | GREY | 40 | 34 | C | **50016** |
| | 20 | 3 | GREY | 40 | 34 | C | **50020** |
| | 25 | 3 | GREY | 40 | 20 | C | **50025** |
| | 32 | 3 | GREY | 40 | 10 | C | **50032** |
| | 40 | 3 | GREY | 40 | 10 | C | **50040** |



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# ACCESSORIES FOR PVC SELF-EXTIGUISHING RIGID INSULATING CONDUITS AND FLEXIBLE SPIRAL CONDUITS, IP 65 EC

**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
Standard- EN 61386-1; EN61386-21
RAL- 7035



| Type | Used for cable conduit ϕ (mm) | IP code | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| PVC bend flexible | 16 | 65 | GREY | 50/200 | C | **500FB16** |
| | 20 | 65 | GREY | 50/200 | C | **500FB20** |
| | 25 | 65 | GREY | 35/140 | C | **500FB25** |
| | 32 | 65 | GREY | 20/80 | C | **500FB32** |



| Type | Used for cable conduit ϕ (mm) | IP code | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| PVC bend 90° | 16 | 65 | GREY | 100/1000 | C | **500BB16** |
| | 20 | 65 | GREY | 50/600 | C | **500BB20** |
| | 25 | 65 | GREY | 25/300 | C | **500BB25** |
| | 32 | 65 | GREY | 100 | C | **500BB32** |
| | 40 | 65 | GREY | 100 | C | **500BB40** |



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| Type | Used for cable conduit ϕ (mm) | IP code | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Conduit-conduit PVC joint | 16 | 65 | GREY | 10/350 | C | **500CM16** |
| | 20 | 65 | GREY | 10/350 | C | **500CM20** |
| | 25 | 65 | GREY | 10/200 | C | **500CM25** |
| | 32 | 65 | GREY | 10/100 | C | **500CM32** |
| | 40 | 65 | GREY | 5/80 | C | **500CM40** |



| Type | Used for cable conduit ϕ (mm) | IP code | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Conduit-box PVC joint | 16 | 65 | GREY | 10/350 | C | **500CB16** |
| | 20 | 65 | GREY | 10/350 | C | **500CB20** |
| | 25 | 65 | GREY | 10/200 | C | **500CB25** |
| | 32 | 65 | GREY | 10/100 | C | **500CB32** |
| | 40 | 65 | GREY | 5/80 | C | **500CB40** |



| Type | Conduit diameter (mm) | Flexible spiral diameter (mm) | IP code | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| PVC rigid conduit - flexible spiral conduits joint | 16 | 12 | 65 | GREY | 10/350 | C | **500DD16** |
| | 20 | 16 | 65 | GREY | 10/350 | C | **500DD20** |
| | 25 | 20 | 65 | GREY | 10/200 | C | **500DD25** |
| | 32 | 25 | 65 | GREY | 10/100 | C | **500DD32** |
| | 40 | 32 | 65 | GREY | 5/100 | C | **500DD40** |



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# ACCESSORIES FOR PVC SELF-EXTIGUISHING RIGID INSULATING CONDUITS AND FLEXIBLE SPIRAL CONDUITS, IP 40 EC

**TECHNICAL DATA:**
Material- shock resistant technopolymer on PVC base
Self-extinguishing V0 degree to UL94
Glow wire test: up to 960°C
Standard- EN 61386-1; EN61386-21
RAL- 7035



| Type | Used for cable conduit ϕ (mm) | IP code | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| PVC bend flexible | 16 | 44 | GREY | 50/200 | C | **500FK16** |
| | 20 | 44 | GREY | 50/200 | C | **500FK20** |
| | 25 | 44 | GREY | 35/140 | C | **500FK25** |
| | 32 | 44 | GREY | 20/80 | C | **500FK32** |



| Type | Used for cable conduit ϕ (mm) | IP code | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| PVC bend 90° | 16 | 40 | GREY | 100/1000 | C | **500BK16** |
| | 20 | 40 | GREY | 50/600 | C | **500BK20** |
| | 25 | 40 | GREY | 25/300 | C | **500BK25** |
| | 32 | 40 | GREY | 100 | C | **500BK32** |
| | 40 | 40 | GREY | 100 | C | **500BK40** |



| Type | Used for cable conduit ϕ (mm) | IP code | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Plastic bend small 90° | 16 | 40 | GREY | 100/400 | C | **500SK16** |
| | 20 | 40 | GREY | 100/300 | C | **500SK20** |
| | 25 | 40 | GREY | 100/200 | C | **500SK25** |
| | 32 | 40 | GREY | 50/150 | C | **500SK32** |



| Type | Used for cable conduit ϕ (mm) | IP code | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| PVC T-joint | 16 | 40 | GREY | 100/300 | C | **500T16** |
| | 20 | 40 | GREY | 100/200 | C | **500T20** |
| | 25 | 40 | GREY | 50/100 | C | **500T25** |
| | 32 | 40 | GREY | 50/100 | C | **500T32** |

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| Type | Used for cable conduit ϕ (mm) | IP code | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| PVC coupling | 16 | 40 | GREY | 100/1200 | C | **500C16** |
| | 20 | 40 | GREY | 100/800 | C | **500C20** |
| | 25 | 40 | GREY | 50/500 | C | **500C25** |
| | 32 | 40 | GREY | 25/250 | C | **500C32** |
| | 40 | 40 | GREY | 25/150 | C | **500C40** |



| Type | Used for cable conduit ϕ (mm) | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| PVC conduit clips | 16 | GREY | 100/1500 | C | **500CC16** |
| | 20 | GREY | 100/1000 | C | **500CC20** |
| | 25 | GREY | 100/1000 | C | **500CC25** |
| | 32 | GREY | 50/800 | C | **500CC32** |
| | 40 | GREY | 50/400 | C | **500CC40** |



| Type | Used for cable conduit ϕ (mm) | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| PVC conduit clips with plug and steel screw | 16 | GREY | 100/1000 | C | **500CS16** |
| | 20 | GREY | 100/1000 | C | **500CS20** |
| | 25 | GREY | 100/800 | C | **500CS25** |
| | 32 | GREY | 50/400 | C | **500CS32** |



| Type | Used for cable conduit ϕ (mm) | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| PVC collar conduit clips | 16 | GREY | 100/1000 | C | **500CO16** |
| | 20 | GREY | 100/1000 | C | **500CO20** |
| | 25 | GREY | 100/800 | C | **500CO25** |
| | 32 | GREY | 50/500 | C | **500CO32** |



| Type | Length (mm) | Colour | Packing | Product category | Catalogue number |
|---|---|---|---|---|---|
| PVC modular fixing guide for clips | 200 | GREY | 400 | C | **500BC** |



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## METAL CABLE TRAYS AND ACCESSORIES

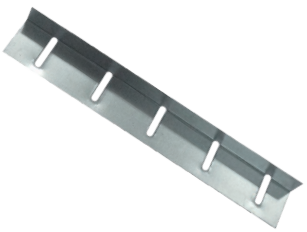


The universal cable support systems are used for construction of cable link in closed production premises for direct mounting on even vertical surfaces. They are perforated metal grates and accessories with standard lengths and sizes. They allow quick construction of cable systems with many angles and derivations.

| Type | Size (mm) | Tickness | Length (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| CT1 UT CABLE TRAY | 40x50 | 0,8 | 2500 | 1 | C | **56050825U** |
| CT1 UT CABLE TRAY | 40x100 | 0,8 | 2500 | 1 | C | **56100825U** |
| CT1 UT CABLE TRAY | 40x150 | 0,8 | 2500 | 1 | C | **56150825U** |
| CT1 UT CABLE TRAY | 40x200 | 0,8 | 2500 | 1 | C | **56200825U** |
| CT1 UT CABLE TRAY | 40x300 | 0,8 | 2500 | 1 | C | **56300825U** |
| CT1 UT CABLE TRAY | 60x100 | 0,8 | 2500 | 1 | C | **56100826U** |
| CT1 UT CABLE TRAY | 60x200 | 0,8 | 2500 | 1 | C | **56200826U** |
| CT1 UT CABLE TRAY | 60x300 | 0,8 | 2500 | 1 | C | **56300826U** |



| Type | Size (mm) | Tickness | Length (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| CT1 CABLE TRAY COVER | 10x50 | 0,8 | 2500 | 1 | C | **56050825C** |
| CT1 CABLE TRAY COVER | 10x100 | 0,8 | 2500 | 1 | C | **56100825C** |
| CT1 CABLE TRAY COVER | 10x150 | 0,8 | 2500 | 1 | C | **56150825C** |
| CT1 CABLE TRAY COVER | 10x200 | 0,8 | 2500 | 1 | C | **56200825C** |
| CT1 CABLE TRAY COVER | 10x300 | 0,8 | 2500 | 1 | C | **56300825C** |

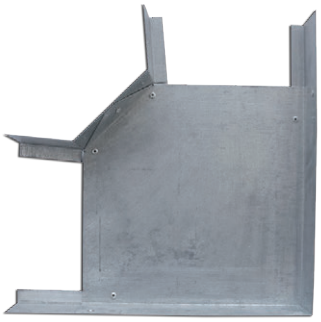


| Type | Size (mm) | Length (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| CT1 COUPLER FOR TRAYS WITH THE SAME SIZE | 40 | 250 | 1 | C | **56250C** |



| Type | Tickness | Length (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| CT1 HANGING SUPPORT | 1,5 | 100 | 1 | C | **56100HSW** |
| CT1 HANGING SUPPORT | 1,5 | 150 | 1 | C | **56150HSW** |
| CT1 HANGING SUPPORT | 1,5 | 200 | 1 | C | **56200HSW** |
| CT1 HANGING SUPPORT | 1,5 | 300 | 1 | C | **56300HSW** |

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days.***



| Type | Tickness | Length (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| ANGLE 90D | 1.5 | 100X100 | 1 | C | **5690100** |
| ANGLE 90D | 1.5 | 150X150 | 1 | C | **5690150** |
| ANGLE 90D | 1.5 | 200X200 | 1 | C | **5690200** |
| ANGLE 90D | 1.5 | 300X300 | 1 | C | **5690300** |



| Type | Metric bolt diameters | Length (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| ANGLE COVER 90D | 1.5 | 100x100 | 1 | C | **5690100C** |
| ANGLE COVER 90D | 1.5 | 150x150 | 1 | C | **5690150C** |
| ANGLE COVER 90D | 1.5 | 200x200 | 1 | C | **5690200C** |
| ANGLE COVER 90D | 1.5 | 300x300 | 1 | C | **5690300C** |



| Type | Tickness | Usage | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| CT1 HOLDER | 1,5 | for cable trays from 50-200mm | 1 | C | **56200HOL** |
| CT1 HOLDER | 1,5 | for cable trays 300mm | 1 | C | **56300HOL** |



| Type | Thread | Length (mm) | Grade | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| THREADED HANGING ROD | M6 | 1000 | 4.8 | 100 | C | **M517079** |
| THREADED HANGING ROD | M8 | 1000 | 4.8 | 50 | C | **M517080** |
| THREADED HANGING ROD | M10 | 1000 | 4.8 | 40 | C | **M517078** |

Application: Suitable for fixing skirting, stud battens to wall and long runs of shelf support

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days.***



## AIR-TERMINATION ROD

Suitable for wind loads according to Eurocode 1: DIN EN 50164 - 2. Last metre is tapered from Ø 16 mm to Ø 10 mm, material: AlMgSi. Matches stand system FangFix. Material: Aluminium

| Model | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| 101 VL2000 | 2000 | 10/16 | 1/10 | G | **ME014066** |
| 101 VL2500 | 2500 | 10/16 | 1/10 | G | **ME014071** |
| 101 VL3000 | 3000 | 10/16 | 1/10 | G | **ME014063** |
| 101 VL3500 | 3500 | 10/16 | 1/10 | G | **ME014069** |



## STAND FOR AIR-TERMINATION ROD, FANGFIX SYSTEM

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

| Model | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| F-FIX-16 | 373 | 84/119 | 1 | G | **M014102** |



## PROFILE EARTHING ROD WITH CONNECTION LUG

Cross-profile 50 x 50 x 3 mm. With connecting strap. Hot-dip galvanized. 1 through hole with diameter 13 mm. 2 through holes with diameter 11 mm. For the construction of earthing systems e.g. antenna or earthing of building site distribution boards. Material: Steel

| Model | Length (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| 213 1500 DIN | 1500 | 1 | G | **M014007** |



## EARTHING ROD WITH STRIP

Cold galvanized: have been coated in zinc to make them corrosion resistant. Material: Steel

| Model | Rog length (mm) | Strip length (mm) | Rog thickness (mm) | Strip thickness (mm) | Rog width (mm) | Strip width (mm) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| 50/50/5 | 1500 | 1500 | 5 | 3 | 50 | 30 | G | **M014048** |
| 60/60/6 | 1500 | 1500 | 6 | 3 | 60 | 40 | G | **M014012** |

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days.***

## COPPER-BONDED EARTHING ROD, THREADED



It guarantees trouble-free removal of energy up to 50 years since the copper layer does not allow corrosion.
Can be extended to the desired length with brass couplers. 99.9% pure electrolytic copper coating 300µm
Rods have a high steel Q 235 core and tip that provide superior strength when driving
Copper coating will not crack when bent or tear when driven

| Model | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| EL-ER17 | 1500 | 17.2 | 1/10 | G | **ME014011** |

## COUPLERS FOR THREADED RODS



To connection two or many threaded copper-bonded ground rods

| Model | Length (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| EL-CTR | 68 | 1 | G | **ME014012** |

## DRIVING STUD FOR COPPER-BONDED THREADED RODS



Material: Tempered steel.
Depending on the hardness of the soil, usually 1pc. enough for an object.

| Model | Length (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| EL-DS | 58 | 1 | G | **ME014013** |

## CONNECTORS EARTHING ROD TO STRIP / CONDUCTOR



Material: stainless steel 304
Conductor size: 50mm$^2$ stranded
Strip size: 40x4mm max

| Model | Length (mm) | Width (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| EL-1204 | 65 | 65 | 1/45 | G | **ME014014** |

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days.***



## HOT-DIP GALVANIZED STRIP FOR EARTH

Continuosly hot dip galvanized Earthing strip, DD11
Zinc coating: 500g/m2 =80mk
For lightning protection, earthing systems and ring equipotential bonding
Material: Steel

| Model | Length (mm) | Thickness (mm) | Width mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| EL-EP 30x3 | 48.6 | 3 | 30 | 1 | G | **ME301089** |
| EL-EP 40x4 | 39.6 | 4 | 40 | 1 | G | **ME301090** |



## COLD GALVANIZED STRIP FOR EARTH

Coated in zinc to make them corrosion resistant
Material: Steel

| Model | Length (mm) | Thickness (mm) | Width (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| 40/4 | 6 | 4 | 40 | 1 | G | **M014008** |





## ALUMINIUM ROUND CONDUCTOR

Conductor material: AlMgSi
EL-LP 8 - without isolation
EL-LP 11- with not flammable halogen free isolation

| Model | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| EL-LP 8 | 140 | 8 | 1/140 | G | **ME301092** |
| EL-LP 11 | 100 | 11 | 1/100 | G | **ME301096** |



## CABLE HOLDER FOR FLAT ROOFS

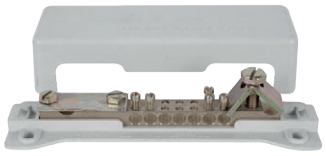
Fixing the wire on flat roofs
Plastic stabilized PE against UV radiation with inserted concrete block

| Model | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| EL- RCH | 144 | 92 | 66 | 1 | G | **ME301082** |



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## EQUIPOTENTIAL BONDING BAR



Equipotential busbar for equipotential bonding to DIN VDE 0100-410/-540 and DIN 62561-15.
Material of bar: Ms. Material of clamps: St galvanized
Connection options: 7 single or multi-wire cables 25mm² or fine-wire cables to 16 mm² (max. D- 7 mm)
1 D8-12mm
1 up to 30x5 / D8-12mm

| Model | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| EL-EBR | 182 | 52 | 42 | 1 | G | **ME301084** |

## VARIABLE EARTHING CONNECTOR FOR ALUMINIUM CONDUCTORS



Aluminium- AlCu4MgSi(A)
Suitable for conductors with diameter 8 and 11mm. Type of fastening screw: Hexagonal bolt

| Model | Length (mm) | Width (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| EL-V | 38 | 40 | 1 | G | **ME301088** |

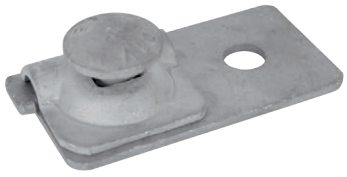
## SCREWLESS CABLE BRACKET FOR EARTHING CONDUCTORS



Suitable for conductors with diameter 8 mm & 11 mm

| Model | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| EL-VA | 24.2 | 22 | 33.4 | 1/50 | G | **ME301006** |

## ATTACING CLAMP



Attaching the round conductors to metal parts of the premises

| Model | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| EL-AC | 78 | 40 | 36 | 1/100 | G | **ME014070** |

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## ROOF GUTTER CLAMP



Suitable for all bulge and bead thicknesses
Suitable for conductors with diameter 8 and 11mm
Material: Steel

| Model | Length (mm) | Width (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| EL-RGC | 50 | 45 | 1/100 | G | **ME301008** |

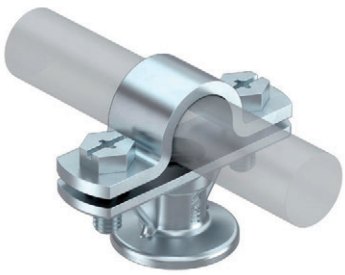
## CROSSBAR FOR EARTHING CONDUCTOR



Suitable for conductors with diameter 8 and 11mm. Hot-dip galvanized
Material: Steel

| Model | Length (mm) | Width (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| 156 K8-10 ST | 43 | 20 | 1/100 | G | **M301083** |

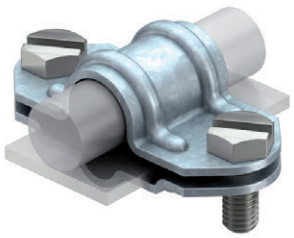
## ROD HOLDER



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

| Model | Length (mm) | Width (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| 113 Z-16 | 56 | 20 | 1/10 | G | **M014014** |

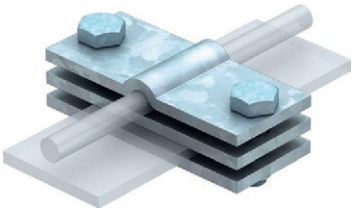
## BRIDGE CONNECTOR FOR ROD HOLDER



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

| Model | Length (mm) | Width (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| 226 8-10 | 70 | 30 | 1/20 | G | **M014054** |

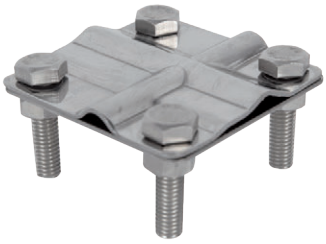
***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days.***



## EARTH CONNECTION TERMINAL FOR CONDUCTOR TO STRIP

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

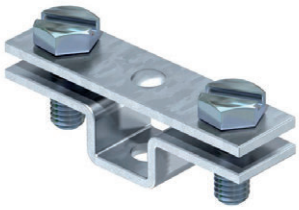
| Model | Length (mm) | Width (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| 937 50 | 60 | 25 | 1/10 | G | **M031239** |



## CROSS-CONNECTORS FOR STRIPS AND CONDUCTORS

Material: stainless steel 304
Conductor size: 50mm$^2$ stranded
Strip size: 40x4mm max

| Model | Length (mm) | Width (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| EL-1203 | 65 | 65 | 1/45 | G | **ME301087** |



## SPACER CLIP FOR STRIPS

Suitable for strips with width 40 mm
With thread M6 and 2 hexagonal bolts M6 x 16 (F)
Hot-dip galvanized
Material: Steel

| Model | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| 831 40 M6 | 65 | 14 | 14 | 1/10 | G | **M301059** |



## BRIDGE CONNECTOR FOR ROD HOLDER

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: Aluminium

| Model | Length (mm) | Width (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| 288 DIN | 170 | 30 | 1/20 | G | **M014017** |



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## INSPECTION DOOR

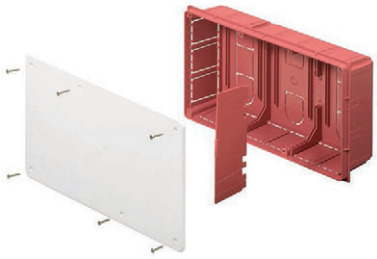
Lightweight design for flush-mounted separation points
Claw length approx. 80 mm
Strip galvanized
Material: Steel

| Model | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| 5800 VZ | 180 | 13.5 | 230 | 1 | G | **M500684** |



## 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



| Type | Description | Box dimensions (mm) | | | Packing / Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| | | L | H | W | | | |
| EC350C4 | Junction box | 152 | 100 | 70 | 1/80 | C | **1927410** |
| EC350C6 | Junction box | 196 | 152 | 70 | 1/40 | C | **1927411** |
| EC350C7 | Junction box | 294 | 152 | 70 | 1/28 | C | **1927412** |
| EC350C8 | Junction box | 392 | 152 | 70 | 1/20 | C | **1927413** |
| EC3500S | Separator | | | | 10/100 | C | **1927415** |



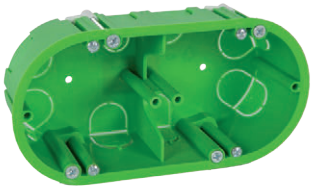
***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.***



UNTIL SUPPLY LAST

## UNIVERSAL CONSOLE BOX FOR PLASTERBOARD

| Type | d (mm) | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| Console box for plasterboard- Φ65 | 65 | 240 | F | **19273** |



## CONSOLE BOX FOR PLASTERBOARD

| Type | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|
| Single | 240 | C | **19274** |
| Double | 120 | C | **19275** |
| Triple | 60 | C | **19276** |



## UNIVERSAL CONSOLE BOX-FLUSH MOUNTING

| Type | d (mm) | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| Console box- Φ65 | 65 | 300 | C | **1927302** |



## CONSOLE BOX MULTI

| Type | d (mm) | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| Console box multi- Ø65 | 65 | 250 | C | **1927301** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days and for ITALIAN TYPE will be 90 days.*



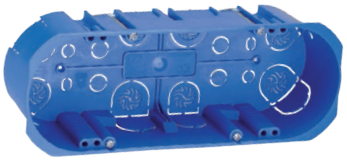
## CONSOLE FOR BRICK AND CONCRETE ITALIAN TYPE

| Type | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|
| Triple Console box for brick and concrete | 10/300 | C | **24203** |
| Quadruple Console box for brick and concrete | 10/200 | C | **71304** |
| Sixfold Console box for brick and concrete | 10/200 | C | **68206** |



## CONSOLE BOX FOR PLASTERBOARD ITALIAN TYPE

| Type | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|
| Triple Console box for plasterboard | 160 | C | **24205** |
| Quadruple Console box for plasterboard | 150 | C | **24206** |



## CONSOLE BOX FOR PLASTERBOARD ITALIAN TYPE

| Type | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|
| Sixfold Console box for plasterboard | 10/160 | C | **26636** |

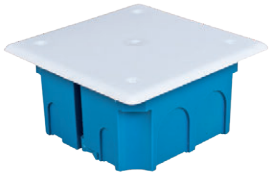


## DISTRIBUTION BOXES-SQUARE TYPE

| Type | Size | | | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| | L | W | H | | | |
| 80/80/50 | 80 | 80 | 50 | 100 | C | **1927402** |
| 100/100/50* | 100 | 100 | 50 | 100 | F | **1927401** |
| 100/100/50 without screws | 100 | 100 | 50 | 40 | C | **1927400** |

*Until Supply Last-

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days and for ITALIAN TYPE will be 45 days.***



## DB FOR PLASTERBOARD-SQUARE TYPE

| Type | Size | | | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| | L | W | H | | | |
| Distribution Box 80/80/45 | 80 | 80 | 45 | 100 | C | **1927405** |
| Distribution Box 100/100/45 | 100 | 100 | 45 | 100 | C | **1927404** |



## DB FOR PLASTERBOARD-ROUND TYPE

| Type | d (mm) | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| Distribution Box Φ65 | 65 | 240 | C | **1927403** |
| Distribution Box Φ70 | 70 | 200 | C | **1927407** |
| Distribution Box Φ80 | 80 | 100 | C | **1927409** |



## DISTRIBUTION BOXES - ROUND TYPE

| Type | d (mm) | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| Distribution Box Φ70 | 70 | 300 | C | **1927406** |
| Distribution Box Φ80 | 80 | 200 | C | **1927408** |



## CAP WITH FASTENING CLIPS

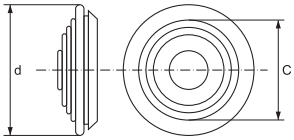
| Type | Suitable for holes with a diameter (mm) | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| Cap with clips | 60-90 | 1/200 | C | **19277** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days and for ITALIAN TYPE will be 45 days.*

## WATERPROOF JUNCTION BOXES IP44

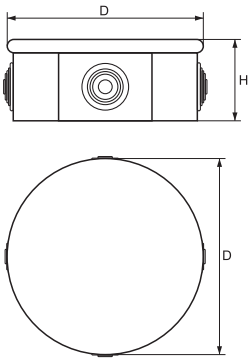



Plastic junction boxes with different shapes and dimensions. Designed for cable lines extension or tapping at cable installations laying. Made of ABS material with openings for input - output conductors, with rubber gasket to provide the corresponding IP code. Resistant to chemical, thermal and UV rays. Direct wall mounting with screws.
Documentation corresponding to the product:
Standard: EN 60670-1




**TECHNICAL DATA:**
* Rated voltage: up to 1000V
* Material: ABS
* IP code: IP 44




| Box type | Box dimensions (mm) | | | | Gasket dimensions (mm) | | IP code | Packing / Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|
| | D | L | H | W | d | C | | | | |
| WB50/50 | 50 | - | - | 50 | 22.5 | 17 | 44 | 320 | C | **8070** |
| WB80/50 | 80 | - | - | 50 | 22.5 | 17 | 44 | 240 | C | **8071** |
| WB85/85/50 | - | 85 | 85 | 50 | 22.5 | 18.5 | 44 | 200 | C | **8072** |

## WATERPROOF JUNCTION BOXES IP65



| Box type | Box dimensions (mm) | | | | Hole/pcs | IP code | Packing / Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| | L | H | W | d | | | | | |
| WBG 100/100/70 | 100 | 100 | 70 | 27 | 7 | 65 | 100 | C | **8001** |
| WBG 150/110/70 | 150 | 110 | 70 | 27 | 10 | 65 | 60 | C | **8002** |
| WBG 150/150/70 | 150 | 150 | 70 | 27 | 7 | 65 | 60 | C | **8003** |
| WBG 200/100/70 | 200 | 100 | 70 | 27 | 8 | 65 | 50 | C | **8004** |
| WBG 200/155/80 | 200 | 155 | 80 | 35 | 10 | 65 | 30 | C | **8005** |
| WBG 200/200/80 | 200 | 200 | 80 | 35 | 12 | 65 | 30 | C | **8006** |
| WBG 255/200/80 | 255 | 200 | 80 | 35 | 12 | 65 | 30 | C | **8007** |
| WBG 300/250/120 | 300 | 250 | 120 | 35 | 12 | 65 | 20 | C | **8008** |
| WBG 400/350/120 | 400 | 350 | 120 | 35 | 16 | 65 | 5 | C | **8009** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

## WATERPROOF JUNCTION BOXES IP66 WITH TRANSPARENT COVER



| Box type | Box dimensions (mm) | | | IP code | Packing / Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| | L | H | W | | | | |
| WBT 65/95/55 | 65 | 95 | 55 | 66 | 200 | C | **8010** |
| WBT 100/100/50 | 100 | 100 | 50 | 66 | 150 | C | **8011** |
| WBT 80/110/70 | 80 | 110 | 70 | 66 | 100 | C | **8012** |
| WBT 80/130/85 | 80 | 130 | 85 | 66 | 100 | C | **8013** |
| WBT 80/180/70 | 80 | 180 | 70 | 66 | 86 | C | **8014** |
| WBT 80/250/85 | 80 | 250 | 85 | 66 | 60 | C | **8015** |
| WBT 125/125/75 | 125 | 125 | 75 | 66 | 48 | C | **8016** |
| WBT 125/125/100 | 125 | 125 | 100 | 66 | 36 | C | **8022** |
| WBT 125/175/100 | 125 | 175 | 100 | 66 | 40 | C | **8017** |
| WBT 150/200/100 | 150 | 200 | 100 | 66 | 24 | C | **8018** |
| WBT 150/250/130 | 150 | 250 | 130 | 66 | 18 | C | **8019** |
| WBT 200/200/130 | 200 | 200 | 130 | 66 | 27 | C | **8020** |
| WBT 280/190/130 | 280 | 190 | 130 | 66 | 18 | C | **8021** |

## JUNCTION BOXES B SERIES, IP54



| Model | Box dimensions (mm) | | | Colour | Packing / Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| | L | H | W | | | | |
| B8 | 80 | 80 | 45 | Grey | 100 | C | **8030** |
| B10 | 100 | 100 | 45 | Grey | 100 | C | **8031** |

## THERMOPLASTIC CABLE JUNCTION BOX, A SERIES, IP54



| Model | Box dimensions (mm) | | | Colour | Packing / Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| | L | H | W | | | | |
| A6 | 80 | 43 | 34 | Grey | 10/100 | G | **M008128** |
| A8 | 75 | 75 | 36 | Grey | 10/150 | G | **M008129** |
| A11 | 85 | 85 | 40 | Grey | 10/80 | G | **M008106** |
| A14 | 100 | 100 | 38 | Grey | 10/100 | G | **M008107** |
| A18 | 125 | 100 | 38 | Grey | 10/80 | G | **M008091** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days.*

## THERMOPLASTIC CABLE JUNCTION BOXES, T SERIES WITH PLUG-IN SEAL, IP66



| Model | Box dimensions (mm) | | | Colour | Packing / Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| | L | H | W | | | | |
| T25 (round) | 80 | 80 | 51 | Grey | 5/125 | G | **M008140** |
| T40 | 90 | 90 | 52 | Grey | 5/80 | G | **M008127** |
| T60 | 114 | 114 | 57 | Grey | 6/60 | G | **M008125** |
| T100 | 150 | 116 | 67 | Grey | 1/40 | G | **M008123** |
| T160 | 190 | 150 | 77 | Grey | 1/20 | G | **M008058** |
| T250 | 240 | 190 | 95 | Grey | 1/8 | G | **M008118** |
| T350 | 285 | 201 | 120 | Grey | 1/5 | G | **M008141** |

## THERMOPLASTIC CABLE JUNCTION BOXES, T OE SERIES, ENCLOSED, IP66



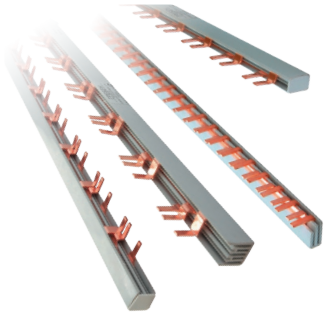
| Model | Box dimensions (mm) | | | Colour | Packing / Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| | L | H | W | | | | |
| T60 OE | 114 | 114 | 57 | Grey | 6/60 | G | **M008105** |
| T100 OE | 150 | 116 | 67 | Grey | 1/40 | G | **M008055** |
| T160 OE | 190 | 150 | 77 | Grey | 1/20 | G | **M008124** |
| T250 OE | 240 | 190 | 95 | Grey | 1/8 | G | **M008142** |
| T350 OE | 285 | 201 | 120 | Grey | 1/5 | G | **M008143** |

## JUNCTION BOX WITH PERFORATION MEMBRANE B 9/T, IP67



| Model | Box dimensions (mm) | | | Colour | Packing / Box | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| | L | H | W | | | | |
| B 9/T | 110 | 110 | 50 | Grey | 5/40 | G | **M008144** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days.*

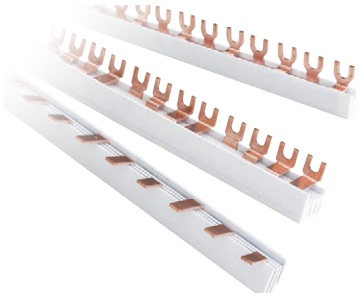


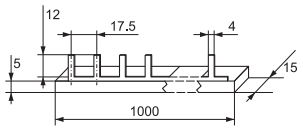
## SUPPLY BUSBAR

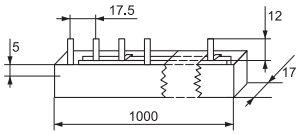
**FUNCTIONS:**
- enables the supply of a group of conductors
- provides simultaneous supply
- conducting section – electrotechnical copper
- insulation of the conducting section

**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

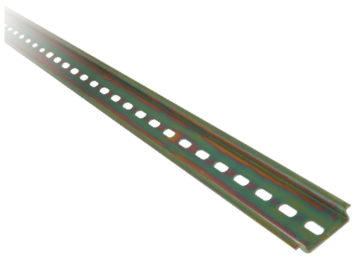
**CONNECTING:**
- to the joining terminal of the breaker






| Type (copper busbar) | Length (m) | Poles (number) | In with one point of power supply | In with two points of power supply | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| 1P 63 | 1 | 54 | 63A | 90A | 20 / 100 | C | **14163** |
| 1P 100 | 1 | 54 | 100A | 120A | 20 / 100 | C | **14190** |
| 2P 63 | 1 | 28 | 63A | 90A | 10 / 50 | C | **14263** |
| 3P 63 | 1 | 18 | 63A | 90A | 6 / 30 | C | **14363** |
| 3P 100 | 1 | 18 | 100A | 120A | 5 / 50 | C | **14390** |
| DP 1N | 1 | 56 | 63A | 90A | 10 / 50 | C | **14463** |
| C100 1P | 1 | - | 125A | 150A | 20 / 100 | C | **14190T** |
| C100 2P | 1 | - | 125A | 150A | 10 / 50 | C | **14290T** |
| C100 3P | 1 | - | 125A | 159A | 5 / 20 | C | **14390T** |
| U 1P 63 | 1 | 54 | 63A | 90A | 20 / 100 | C | **14163U** |
| U 2P 63 | 1 | 28 | 63A | 90A | 10 / 50 | C | **14263U** |
| U 3P 63 | 1 | 18 | 63A | 90A | 6 / 30 | C | **14363U** |
| U 4P 63 | 1 | 13 | 63A | 90A | 5 / 20 | C | **14463U** |

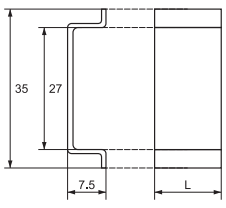


## MOUNTING (DIN) RAIL

**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
- factory drilled mounting openings
- length up to 1m

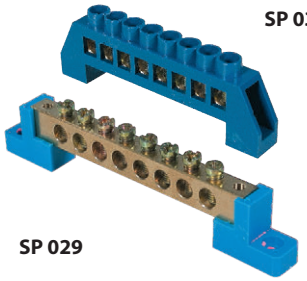
**CONNECTING:**
- with bolts or other fixing elements to the mounting surface




| Length (m) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| 1m | 20 / 100 | C | **14001** |

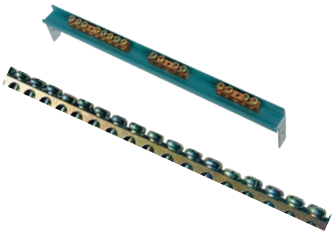
*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

## ZERO TERMINALS




| Rail type | L (mm) | H (mm) | W (mm) | M | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| SP 029-4 | 82.9 | 21.5 | 12 | 5x10 | 10 / 500 | C | **14204** |
| SP 029-6 | 100.9 | 21.5 | 12 | 5x10 | 10 / 800 | C | **14206** |
| SP 029-8 | 118.9 | 21.5 | 12 | 5x10 | 20 / 300 | C | **14208** |
| SP 029-10 | 136.9 | 21.5 | 12 | 5x10 | 20 / 300 | C | **14210** |
| SP 029-12 | 182.4 | 21.5 | 12 | 5x10 | 20 / 250 | C | **14212** |
| SP 031-4 | 59.5 | 31.5 | 12.4 | 5x10 | 5 / 400 | C | **14304** |
| SP 031-6 | 76.5 | 31.5 | 12.4 | 5x10 | 5 / 400 | C | **14306** |
| SP 031-8 | 93 | 31.5 | 12.4 | 5x10 | 5 / 400 | C | **14308** |
| SP 031-10 | 111 | 31.5 | 12.4 | 5x10 | 5 / 400 | C | **14310** |
| SP 031-12 | 128 | 31.5 | 12.4 | 5x10 | 5 / 300 | C | **14312** |

## ZERO RAILS

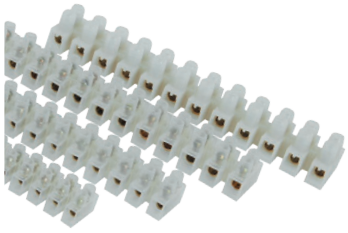


They represent a brass rail with rectangular section with factory made openings for the conductors and bolts for clamping of the conductor. They are offered in types with insulated and non-insulated rail. They are used in the electrical distribution boxes for zeroing and earthing.

**TECHNICAL DATA:**
- Material: brass for the current leading elements
- Insulation material: plastic
- Colour: gray/blue
- Application: general
- Ambient temperature: -40 to +65°C

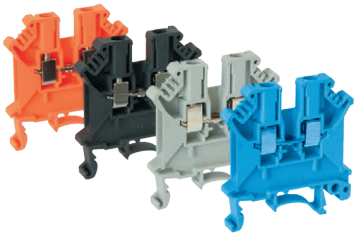
| Rail type | Length L (mm) | Height H (mm) | Width W (mm) | Ø D (mm) | Bolt | Number of terminals | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| BRASS | 1000 | 7.8 | 6 | 5 | M4 | 54 | 100 | C | **14002** |
| ZERO insulated | 250 | - | - | 5 | M4 | 16 | 200 | C | **14012** |

## TERMINAL BLOCKS TBH TYPE



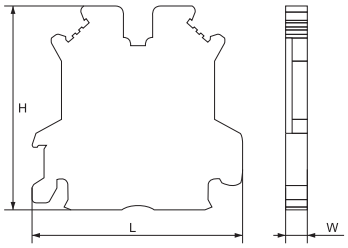
| Type | Pieces in a strip | In (A) | Un (V) | Colour | Section of the conductor ($mm^2$) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| TBH 3A | 12 | 3 | 660 | semitransparent | to 1.5 | 10 / 1000 | C | **31003** |
| TBH 6A | 12 | 6 | 660 | semitransparent | to 4 | 10 / 1000 | C | **31006** |
| TBH 10A | 12 | 10 | 660 | semitransparent | to 6 | 10 / 500 | C | **31010** |
| TBH 15A | 12 | 15 | 660 | white | to 6 | 10 / 500 | C | **31015** |
| TBH 20A | 12 | 20 | 660 | white | to 10 | 10 / 400 | C | **31020** |

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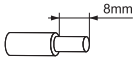
## FIXED TERMINAL BLOCKS - LTU2 UK SERIES

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.



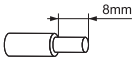

| Type | Section of the conductor ($mm^2$) | | Size of the terminal (mm) | | | In (A) | Un (V) | Colour | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | single-core | multicore | L | H | W | | | | | | |
| LTU2UK 3N | 0.2-4 | 0.2-2.5 | 42.5 | 47 | 5.2 | 32 | 800 | grey | 50 / 3000 | C | **31033** |
| LTU2UK 3N | 0.2-4 | 0.2-2.5 | 42.5 | 47 | 5.2 | 32 | 800 | red | 50 / 3000 | C | **31032** |
| LTU2UK 3N | 0.2-4 | 0.2-2.5 | 42.5 | 47 | 5.2 | 32 | 800 | black | 50 / 3000 | C | **31031** |
| LTU2UK 3N | 0.2-4 | 0.2-2.5 | 42.5 | 47 | 5.2 | 32 | 800 | blue | 50 / 3000 | C | **31035** |



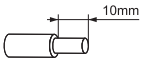

| Type | Section of the conductor ($mm^2$) | | Size of the terminal (mm) | | | In (A) | Un (V) | Colour | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | single-core | multicore | L | H | W | | | | | | |
| LTU2UK 5N | 0.2-6 | 0.2-4 | 42.5 | 47 | 6.2 | 41 | 800 | grey | 50 / 2000 | C | **31053** |
| LTU2UK 5N | 0.2-6 | 0.2-4 | 42.5 | 47 | 6.2 | 41 | 800 | red | 50 / 2000 | C | **31052** |
| LTU2UK 5N | 0.2-6 | 0.2-4 | 42.5 | 47 | 6.2 | 41 | 800 | black | 50 / 2000 | C | **31051** |
| LTU2UK 5N | 0.2-6 | 0.2-4 | 42.5 | 47 | 6.2 | 41 | 800 | blue | 50 / 2000 | C | **31055** |




| Type | Section of the conductor ($mm^2$) | | Size of the terminal (mm) | | | In (A) | Un (V) | Colour | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | single-core | multicore | L | H | W | | | | | | |
| LTU2UK 6N | 0.2-10 | 0.2-6 | 42.5 | 47 | 8.2 | 57 | 800 | grey | 50 / 1000 | C | **31063** |
| LTU2UK 6N | 0.2-10 | 0.2-6 | 42.5 | 47 | 8.2 | 57 | 800 | red | 50 / 1000 | C | **31062** |
| LTU2UK 6N | 0.2-10 | 0.2-6 | 42.5 | 47 | 8.2 | 57 | 800 | black | 50 / 1000 | C | **31061** |
| LTU2UK 6N | 0.2-10 | 0.2-6 | 42.5 | 47 | 8.2 | 57 | 800 | blue | 50 / 1000 | C | **31065** |

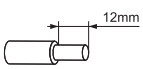


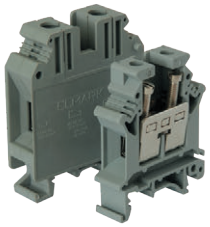



| Type | Section of the conductor ($mm^2$) | | Size of the terminal (mm) | | | In (A) | Un (V) | Colour | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | single-core | multicore | L | H | W | | | | | | |
| LTU2UK 10N | 0.5-16 | 0.5-10 | 42.5 | 47 | 10.2 | 76 | 800 | grey | 50 / 1000 | C | **31103** |
| LTU2UK 10N | 0.5-16 | 0.5-10 | 42.5 | 47 | 10.2 | 76 | 800 | red | 50 / 1000 | C | **31102** |
| LTU2UK 10N | 0.5-16 | 0.5-10 | 42.5 | 47 | 10.2 | 76 | 800 | black | 50 / 1000 | C | **31101** |
| LTU2UK 10N | 0.5-16 | 0.5-10 | 42.5 | 47 | 10.2 | 76 | 800 | blue | 50 / 1000 | C | **31105** |



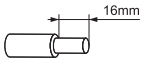




***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



| Type | Section of the conductor ($mm^2$) | | Size of the terminal (mm) | | | In (A) | Un (V) | Colour | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | single-core | multicore | L | H | W | | | | | | |
| LTU2UIK 16 | 2.5-25 | 4-16 | 42.5 | 47 | 12.2 | 101 | 800 | grey | 30 / 1200 | C | **31163** |
| LTU2UIK 35 | 10-35 | 10-35 | 55 | 62 | 15.2 | 125 | 800 | grey | 20 / 400 | C | **31353** |



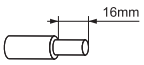



## FIXED TERMINAL BLOCKS - JD SERIES

Two-sided insulated fixed terminal blocks designed to connect groundes conductors. Made of non-flammable insulation polymeric material.

| Type | Section of the conductor ($mm^2$) | | Size of the terminal (mm) | | | In (A) | Un (V) | Colour | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | single-core | multicore | L | H | W | | | | | | |
| 5JD | 0.2-4 | 0.2-4 | 42.5 | 47 | 6.2 | 34 | 800 | yellow-green | 50 / 1000 | C | **31054** |
| 6JD | 0.2-10 | 0.2-6 | 42.5 | 47 | 8.2 | 37 | 800 | yellow-green | 50 / 1000 | C | **31064** |
| 10JD | 0.5-10 | 0.5-6 | 42.5 | 47 | 8.2 | 61 | 800 | yellow-green | 50 / 1000 | C | **31104** |
| 16JD | 2.5-25 | 2.5-16 | 42.5 | 47 | 12.2 | 108 | 800 | yellow-green | 50 / 600 | C | **31164** |
| 35JD | 2.5-35 | 2.5-35 | 42.5 | 47 | 15 | 135 | 800 | yellow-green | 20 / 400 | C | **31354** |






## MARKING TAGS - ZB TYPE

Accessories for marking and separation of different electrical circuits, different voltages and fixing of elements for DIN-rail mounting.

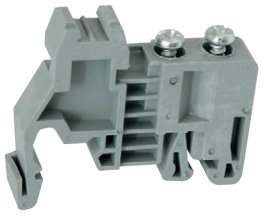
| Type | Pieces in a strip | Colour | Size (mm) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| ZB6 | 20 | white | 6 | 100 / 1200 | C | **31906** |
| ZB8 | 10 | white | 8 | 100 / 1200 | C | **31908** |



## END COVER

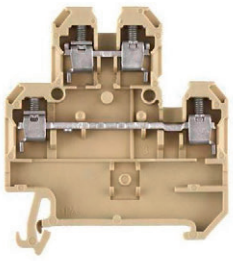
| Type | Colour | Thickness (mm) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| EC | grey | 8 | 200 / 6000 | C | **31901** |

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



## UNIVERSAL END FIXED PIECES E/UK TYPE

| Type | Colour | Thickness (mm) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| E/UK | grey | 5 | 200 / 2400 | C | **31902** |



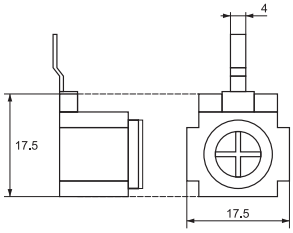
## DOUBLE DECK TERMINAL BLOKS

| Type | Section of the conductor ($mm^2$) | | Rated current (A) | Rated voltage (V) | Colour | Dimmensions (mm) | | | Packing (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | single-core | multicore | | | | L | H | W | | | |
| DDTB4/5N | 0.2-6 | 0.2-4 | 32 | 500 | baige | 59.9 | 54 | 6 | 50/1000 | C | **31056D** |
| DDTB4/5N | 0.2-6 | 0.2-4 | 32 | 500 | grey | 59.9 | 54 | 6 | 50/1000 | C | **31053D** |
| End cover for DDTB4/5N | | | | | grey | 54 | 43.5 | 1.5 | 200/6000 | C | **31901D** |

## 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 $35mm^2$




| Type | Section of the conductor ($mm^2$) | Rated current In (A) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| TB 25 | 2.5 to 35 | 63 | 20 / 2000 | C | **31025** |



*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

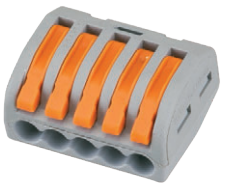


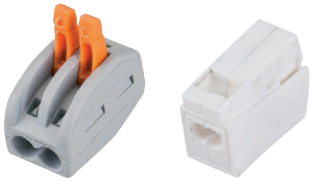
## UNIPOLAR DISTRIBUTION TERMINAL BLOCKS FOR COPPER AND ALUMINIUM CONDUCTORS

**TECHNICAL DATA:**

- Housing material: PA Nylon
- Terminal material: tin plated brass
- Grade of flame retardant: UL94v-0
- Mounting: DIN rail or screw fixing

| Type | Current (A) | Quantity cross sections mm² | Dimmensions (mm) | | | Packing (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| | | | L | H | W | | | |
| PPDTB80 | 80A | 1x 6-16 mm²<br>4x 2.5-6 mm²<br>2x 2.5-16 mm² | 30 | 69 | 49 | | C | **319080** |
| PPDTB125 | 125A | 1x 10-35 mm²<br>4x 6-16 mm²<br>6x 2.5-16 mm² | 29 | 77 | 46 | | C | **319125** |
| PPDTB160 | 160A | 1x 10-70 mm²<br>4x 6-16 mm²<br>6x 2.5-16 mm² | 29 | 77 | 46 | | C | **319160** |
| PPDTB250 | 255A | 1x 35-120 mm²<br>2x 6-35 mm²<br>5x 2.5-16 mm²<br>4x 2.5-10 mm² | 47 | 96 | 50 | | C | **319250** |
| PPDTB400 | 400A | 1x 95-185 mm²<br>2x 6-35 mm²<br>5x 2.5-16 mm²<br>4x 2.5-10 mm² | 47 | 96 | 50 | | C | **319400** |





## TERMINAL BLOCKS TBF TYPE

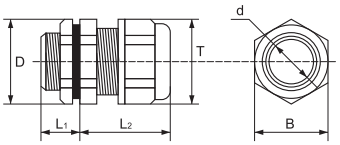
| Type | Pieces in a terminal | Section of the conductor (mm²) | Rated current (A) | Rated voltage (V | Dimmensions (mm) | | | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | L | H | W | | |
| two terminal block | 2 | 4 mm² | 32 | 400 | 12.4 | 14.5 | 20.5 | C | **31021** |
| three terminal block | 3 | 4 mm² | 32 | 400 | 17.0 | 14.5 | 20.5 | C | **31022** |
| five terminal block | 5 | 4 mm² | 32 | 400 | 26.6 | 14.5 | 20.5 | C | **31023** |
| lighting connector | 3 | 1.0-2.5 mm²/0.5-2.5 mm² | 25 | 400 | | | | C | **31024** |



*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



Standard: EN 60 423; 48580-81




## CABLE GLANDS PG TYPE

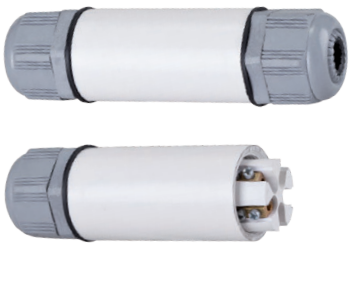
Plastic pipes supplied with the corresponding gaskets and nuts. Designed to provide necessary IP code on the points where conductors pass through the walls of the electric distribution boxes. All cable gland elements are made of high quality plastic (PE) and rubber.

- Material: polyethylene (PE)
- Colour: gray
- Application: general
- Ambient temperature: -40 to +65°C
- IP code: IP 55

**TECHNICAL DATA:**

| Type | Overlapping field | T (mm) | B (mm) | d (mm) | D (mm) | L1 (mm) | L2 (mm) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|
| PG-7 | 3.5-6.8 | 16.3 | 18 | 12 | 6.6 | 10 | 22 | 100 / 4000 | C | **500070** |
| PG-9 | 5-8 | 18.9 | 21.7 | 15.5 | 8.5 | 10 | 25 | 100 / 4000 | C | **500090** |
| PG-11 | 6-10 | 21.7 | 23.5 | 18.5 | 10.4 | 8.5 | 29 | 100 / 3000 | C | **500110** |
| PG-13.5 | 7-12 | 23.6 | 26.5 | 20 | 13 | 10 | 29 | 100 / 2000 | C | **500135** |
| PG-16 | 8-14 | 26.5 | 29.3 | 21.5 | 14 | 9 | 29 | 100 / 2000 | C | **500160** |
| PG-19 | 9-17 | 29 | 32 | 23 | 17 | 12 | 29 | 100 / 2000 | C | **500190** |
| PG-21 | 10-18 | 32.3 | 35.6 | 28 | 19 | 12 | 35 | 100 / 1000 | C | **500210** |
| PG-25 | 15-22 | 32.6 | 32.6 | 29.8 | 24 | 13 | 31 | 100 / 1000 | C | **500250** |
| PG-29 | 16-24 | 41.1 | 45.4 | 36 | 26 | 12.5 | 40 | 50 / 500 | C | **500290** |
| PG-36 | 18-28 | 52 | 58 | 46 | 31.5 | 12.5 | 45 | 50 / 350 | C | **500360** |
| PG-42 | 26-36 | 57.4 | 61.9 | 51 | 37.6 | 17.5 | 47 | 20 / 200 | C | **500420** |
| PG-48 | 32-39 | 65.2 | 70.7 | 58 | 43 | 21 | 50 | 20 / 200 | C | **500480** |





## 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.

| Type | Section of the conductor ($mm^2$) | Length (mm) | Φ (mm) | Cable glands type | IP code | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| CABLE CONNECTOR 11 | 0,5-2,5 $mm^2$ | 78,3 | 26,2 | PG11 | 68 | 50 | C | **31072** |
| CABLE CONNECTOR 16 | 1,5- 2,5 $mm^2$ | 115 | 26,5 | PG16 | 67 | 50 | C | **59245** |
| CABLE CONNECTOR 21 | 4-6 $mm^2$ | 124 | 33,5 | PG21 | 67 | 50 | C | **59246** |





Terminal box IP65



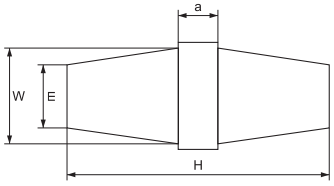
Terminal box IP44

## WATERPROOF TERMINAL BOX

| Type | Section of the conductor ($mm^2$) | Rated current (A) | Voltage (V) | Material | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| TERMINAL BOX IP44 | 0.5-4.0 | 6 | 450 | Polycarbonate | C | **31071** |
| TERMINAL BOX IP65 | 0.5-2.5 | 10 | 450 | Polycarbonate | C | **31070** |








## 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 SPECIFICATION:**
- Rated voltage: 1000V
- Insulating voltage: 5000 V
- Ambient temperature : -40 to +65°C

| Type | Impulse voltage kV | Strength | Fasting strength | Bolt | Dimmensions (mm) | | | | Packing (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | H | W | a | ø | | | |
| SM 25 | 6 | 500 | 6 | 6 | 25 | 30 | 13 | 23 | 10 / 600 | C | **31725** |
| SM 30 | 8 | 550 | 8 | 8 | 30 | 32 | 10 | 27 | 10 / 500 | C | **31730** |
| SM 35 | 10 | 600 | 10 | 8 | 35 | 32 | 10 | 28 | 10 / 400 | C | **31735** |
| SM 40 | 12 | 650 | 12 | 8 | 40 | 40 | 10 | 33 | 10 / 240 | C | **31740** |
| SM 51 | 15 | 1000 | 20 | 8 | 51 | 50 | 12 | 28 | 10 / 240 | C | **31751** |
| SM 76 | 25 | 1500 | 40 | 10 | 76 | 45 | 16 | 34 | 10 / 120 | C | **31776** |

## 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

| Type | Diameter Ø (mm) | Packing (pcs) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| CHR-4 | 4 | 100 | 100/500 | C | **500004** |
| CHR-5 | 5 | 100 | 100/ 500 | C | **500005** |
| CHR-6 | 6 | 100 | 100/ 300 | C | **500006** |
| CHR-7 | 7 | 100 | 100/ 300 | C | **500007** |
| CHR-8 | 8 | 100 | 100/ 250 | C | **500008** |
| CHR-9 | 9 | 100 | 100/ 200 | C | **500009** |
| CHR-10 | 10 | 100 | 100/ 200 | C | **500010** |
| CHR-12 | 12 | 100 | 100/ 100 | C | **500012** |
| CHR-14 | 14 | 100 | 100/ 50 | C | **500014** |
| CHR-16 | 16 | 100 | 100/ 50 | C | **500016** |

## PVC INSULATING TAPE




| Colour | Thickness (mm) | Width (mm) | Length (m) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Black | 0.15 | 19 | 9,14 | 10 / 200 | C | **51007** |
| White | 0.15 | 19 | 9,14 | 10 / 200 | C | **51008** |
| Blue | 0.15 | 19 | 9,14 | 10 / 200 | C | **51009** |
| Black | 0.15 | 19 | 18,28 | 10 / 200 | C | **51001** |
| Red | 0.15 | 19 | 18,28 | 10 / 200 | C | **51002** |
| Yellow / Green | 0.15 | 19 | 18,28 | 10 / 200 | C | **51004** |
| White | 0.15 | 19 | 18,28 | 10 / 200 | C | **51005** |
| Blue | 0.15 | 19 | 18,28 | 10 / 200 | C | **51006** |

## PVC INSULATING TAPE




Soft, flexible with good adhesiveness and flame retardant. Working temperature: 0-80°C. Electrical strength: 40kV/mm

| Colour | Thickness (mm) | Width (mm) | Length (m) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Black | 0.15 | 19 | 10 | 1/300 | C | **51011** |
| White | 0.15 | 19 | 10 | 1/300 | C | **51012** |
| Blue | 0.15 | 19 | 10 | 1/300 | C | **51013** |
| Red | 0.15 | 19 | 10 | 1/300 | C | **51014** |
| Yellow / Green | 0.15 | 19 | 10 | 1/300 | C | **51015** |
| Black | 0.15 | 19 | 20 | 1/200 | C | **51021** |
| White | 0.15 | 19 | 20 | 1/200 | C | **51022** |
| Blue | 0.15 | 19 | 20 | 1/200 | C | **51023** |
| Red | 0.15 | 19 | 20 | 1/200 | C | **51024** |
| Yellow / Green | 0.15 | 19 | 20 | 1/200 | C | **51025** |

## PVC INSULATING TAPE 3M TEMFLEX 1500




| Colour | Thickness (mm) | Width (mm) | Length (m) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Black | 0.15 | 19 | 20 | 10/100 | C | **M151016** |



***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***




## BLACK SELF - AMALGAMATING HIGH VOLTAGE TAPE BISHOP 963

69kV | Waterproof | UV-Resistant| Moisture, corrosion and chemical resistance

| Colour | Width (mm) | Length (m) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| Black | 19 | 9 | 1 | C | **M051004** |



## ALUMINIUM TAPE

Ideal for temporary exhaust pipe repair heating, ventilation - electrics and electronics insulation and construction industries

| Colour | Width (mm) | Length (m) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| Aluminium | 50 | 10 | 1 | C | **M499469** |



## DUCT TAPE

Ideal for temporary exhaust pipe repair heating, ventilation - electrics and electronics insulation and construction industries

| Colour | Width (mm) | Length (m) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| Grey | 50 | 25 | 1 | C | **51055** |
| Black | 50 | 25 | 1 | C | **M499153** |



***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days.***

## MASKING TAPE



| Width (mm) | Length (m) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| 25 | 50 | 1 | C | **M516400** |
| 50 | 50 | 1 | C | **M516401** |

## DOUBLE SIDED MOUNTING TAPE



| Width (mm) | Length (m) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| 25 | 5 | 1 | C | **M516402** |
| 50 | 25 | 1 | C | **M516403** |

## HAZARD TAPE



| Width (mm) | Length (m) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| 50 | 100 | 1 | C | **M500179** |

## HEAT SHRINKAGE TUBES WITH GLUE GL TYPE



| Type | colour | Diameter before shrinking (mm) | Wall thikness (mm) | Shrinkage ratio | Packing (pcs; m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| GL | black | D2.4 (≥2.4) | 0.7±0.15 | 3:1 | 200 | C | **3010024GL** |
| GL | black | D3.2 (3.5±0.3) | 0.9±0.15 | 3:1 | 200 | C | **3010032GL** |
| GL | black | D4.8 (5.2±0.3) | 1.0±0.15 | 3:1 | 100 | C | **3010048GL** |
| GL | black | D6.4 (6.8±0.4) | 1.2±0.15 | 3:1 | 100 | C | **3010064GL** |
| GL | black | D7.9 (8.4±0.4) | 1.3±0.15 | 3:1 | 100 | C | **3010079GL** |
| GL | black | D9.5 (9.9±0.4) | 1.4±0.15 | 3:1 | 1,22 | C | **3010095GL** |
| GL | black | D12.7 (13.2±0.5) | 1.6±0.20 | 3:1 | 1,22 | C | **3010127GL** |
| GL | black | D15.0 (15.6±0.5) | 1.8±0.20 | 3:1 | 1,22 | C | **3010150GL** |
| GL | black | D19.1 (19.6±0.5) | 2.0±0.20 | 3:1 | 1,22 | C | **3010191GL** |
| GL | black | D25.4 (25.4±0.8) | 2.1±0.20 | 3:1 | 1,22 | C | **3010254GL** |
| GL | black | D30.0 (≥30) | 2.2±0.20 | 3:1 | 1,22 | C | **3010300GL** |
| GL | black | D39 (≥40) | 2.4±0.20 | 3:1 | 1,22 | C | **3010390GL** |
| GL | black | D50 (≥50) | 2.7±0.25 | 3:1 | 1,22 | C | **3010500GL** |
| GL | black | D64 (≥60) | 3.0±0.25 | 3:1 | 1,22 | C | **3010640GL** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days, and for Glue GL will be 90 days.*



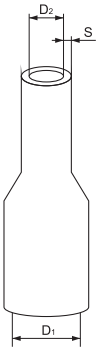
**Standard: EN 60 684**

## 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




| Type | D1 (mm) | D2 (mm) | S (mm) | Packing / Box (m) | Product category | Catalogue number * |
|---|---|---|---|---|---|---|
| ZDG | 1 | 0.5 | 0.04 | 200 / 4000 | C | **301001X** |
| ZDG | 1.5 | 0.75 | 0.04 | 200 / 4000 | C | **301115X** |
| ZDG | 2 | 1.0 | 0.05 | 200 / 4000 | C | **301002X** |
| ZDG | 3 | 1.5 | 0.05 | 200 / 2000 | C | **301003X** |
| ZDG | 4 | 2.0 | 0.08 | 100 / 1700 | C | **301004X** |
| ZDG | 5 | 2.5 | 0.08 | 100 / 1200 | C | **301005X** |
| ZDG | 6 | 3.0 | 0.08 | 100 / 1000 | C | **301006X** |
| ZDG | 7 | 3.5 | 0.08 | 100 / 1000 | C | **301007X** |
| ZDG | 8 | 4.0 | 0.08 | 100 / 1500 | C | **301008X** |
| ZDG | 9 | 4.5 | 0.08 | 100 / 1500 | C | **301009X** |
| ZDG | 10 | 5.0 | 0.08 | 100 / 1500 | C | **301010X** |
| ZDG | 11 | 5.5 | 0.08 | 100 / 1500 | C | **301011X** |
| ZDG | 12 | 6.0 | 0.08 | 100 / 1200 | C | **301012X** |
| ZDG | 13 | 6.5 | 0.08 | 100 / 1200 | C | **301013X** |
| ZDG | 14 | 7.0 | 0.08 | 100 / 1200 | C | **301014X** |
| ZDG | 15 | 7.5 | 0.08 | 100 / 1200 | C | **301015X** |
| ZDG | 16 | 8.0 | 0.08 | 100 / 1200 | C | **301016X** |
| ZDG | 18 | 9.0 | 0.08 | 50 / 600 | C | **301018X** |
| ZDG | 20 | 10 | 0.08 | 50 / 500 | C | **301020X** |
| ZDG | 22 | 11 | 0.08 | 50 / 500 | C | **301022X** |
| ZDG | 25 | 12.5 | 0.08 | 25 / 600 | C | **301025X** |
| ZDG | 28 | 14 | 0.08 | 25 / 300 | C | **301028X** |
| ZDG | 30 | 15 | 0.08 | 25 / 300 | C | **301030X** |
| ZDG | 35 | 17.5 | 0.08 | 25 / 300 | C | **301035X** |
| ZDG | 40 | 20 | 0.08 | 25 / 250 | C | **301040X** |
| ZDG | 50 | 25 | 0.08 | 25 / 200 | C | **301050X** |
| ZDG | 60 | 30 | 0.08 | 25 / 300 | C | **301060X** |
| ZDG | 70 | 35 | 0.08 | 25 / 250 | C | **301070X** |
| ZDG | 80 | 40 | 0.08 | 25 / 100 | C | **301080X** |
| ZDG | 90 | 45 | 0.08 | 25 / 150 | C | **301090X** |
| ZDG | 100 | 50 | 0.08 | 25 / 100 | C | **301100X** |
| ZDG | 120 | 60 | 0.08 | 25 / 200 | C | **301120X** |
| ZDG | 150 | 75 | 0.08 | 25 / 100 | C | **301150X** |

**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;

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*




## CABLE TAGS – SETS

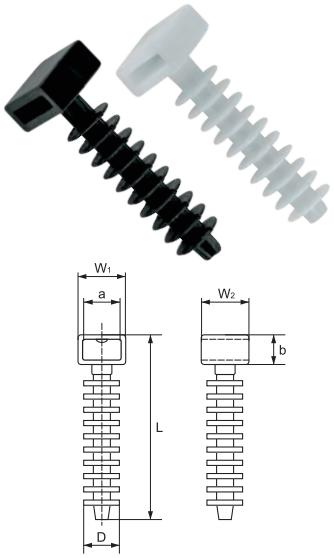
| Type | Section (mm) | Number in a roller | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| EC-0-0 | 1.5 - 3.2 | 1000 | 100 | C | **318000** |
| EC-0-1 | 1.5 - 3.2 | 1000 | 100 | C | **318001** |
| EC-0-2 | 1.5 - 3.2 | 1000 | 100 | C | **318002** |
| EC-0-3 | 1.5 - 3.2 | 1000 | 100 | C | **318003** |
| EC-0-4 | 1.5 - 3.2 | 1000 | 100 | C | **318004** |
| EC-0-5 | 1.5 - 3.2 | 1000 | 100 | C | **318005** |
| EC-0-6 | 1.5 - 3.2 | 1000 | 100 | C | **318006** |
| EC-0-7 | 1.5 - 3.2 | 1000 | 100 | C | **318007** |
| EC-0-8 | 1.5 - 3.2 | 1000 | 100 | C | **318008** |
| EC-0-9 | 1.5 - 3.2 | 1000 | 100 | C | **318009** |
| EC-0-a | 1.5 - 3.2 | 1000 | 100 | C | **31800A** |
| EC-0-b | 1.5 - 3.2 | 1000 | 100 | C | **31800B** |
| EC-0-R | 1.5 - 3.2 | 1000 | 100 | C | **31800R** |
| EC-0-S | 1.5 - 3.2 | 1000 | 100 | C | **31800S** |
| EC-0-T | 1.5 - 3.2 | 1000 | 100 | C | **31800T** |
| EC-0-N | 1.5 - 3.2 | 1000 | 100 | C | **31800N** |
| EC-0-P | 1.5 - 3.2 | 1000 | 100 | C | **31800P** |
| EC-0-E | 1.5 - 3.2 | 1000 | 100 | C | **31800E** |
| EC-0-A | 1.5 - 3.2 | 1000 | 100 | C | **31800A** |
| EC-0-B | 1.5 - 3.2 | 1000 | 100 | C | **31800B** |
| EC-0-C | 1.5 - 3.2 | 1000 | 100 | C | **31800C** |
| EC-0-Q | 1.5 - 3.2 | 1000 | 100 | C | **31800Q** |

| Type | Section (mm) | Number in a roller | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| EC-1-0 | 2.6 - 4.2 | 1000 | 150 | C | **318010** |
| EC-1-1 | 2.6 - 4.2 | 1000 | 150 | C | **318011** |
| EC-1-2 | 2.6 - 4.2 | 1000 | 150 | C | **318012** |
| EC-1-3 | 2.6 - 4.2 | 1000 | 150 | C | **318013** |
| EC-1-4 | 2.6 - 4.2 | 1000 | 150 | C | **318014** |
| EC-1-5 | 2.6 - 4.2 | 1000 | 150 | C | **318015** |
| EC-1-6 | 2.6 - 4.2 | 1000 | 150 | C | **318016** |
| EC-1-7 | 2.6 - 4.2 | 1000 | 150 | C | **318017** |
| EC-1-8 | 2.6 - 4.2 | 1000 | 150 | C | **318018** |
| EC-1-9 | 2.6 - 4.2 | 1000 | 150 | C | **318019** |
| EC-1-a | 2.6 - 4.2 | 1000 | 150 | C | **31801A** |
| EC-1-b | 2.6 - 4.2 | 1000 | 150 | C | **31801B** |
| EC-1-R | 2.6 - 4.2 | 1000 | 150 | C | **31801R** |
| EC-1-S | 2.6 - 4.2 | 1000 | 150 | C | **31801S** |
| EC-1-T | 2.6 - 4.2 | 1000 | 150 | C | **31801T** |
| EC-1-N | 2.6 - 4.2 | 1000 | 150 | C | **31801N** |
| EC-1-P | 2.6 - 4.2 | 1000 | 150 | C | **31801P** |
| EC-1-E | 2.6 - 4.2 | 1000 | 150 | C | **31801E** |
| EC-1-A | 2.6 - 4.2 | 1000 | 150 | C | **31801A** |
| EC-1-B | 2.6 - 4.2 | 1000 | 150 | C | **31801B** |
| EC-1-C | 2.6 - 4.2 | 1000 | 150 | C | **31801C** |
| EC-1-Q | 2.6 - 4.2 | 1000 | 150 | C | **31801Q** |

| Type | Section (mm) | Number in a roller | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| EC-2-0 | 3.6 - 5.2 | 500 | 150 | C | **318020** |
| EC-2-1 | 3.6 - 5.2 | 500 | 150 | C | **318021** |
| EC-2-2 | 3.6 - 5.2 | 500 | 150 | C | **318022** |
| EC-2-3 | 3.6 - 5.2 | 500 | 150 | C | **318023** |
| EC-2-4 | 3.6 - 5.2 | 500 | 150 | C | **318024** |
| EC-2-5 | 3.6 - 5.2 | 500 | 150 | C | **318025** |
| EC-2-6 | 3.6 - 5.2 | 500 | 150 | C | **318026** |
| EC-2-7 | 3.6 - 5.2 | 500 | 150 | C | **318027** |
| EC-2-8 | 3.6 - 5.2 | 500 | 150 | C | **318028** |
| EC-2-9 | 3.6 - 5.2 | 500 | 150 | C | **318029** |
| EC-2-a | 3.6 - 5.2 | 500 | 150 | C | **31802A** |
| EC-2-b | 3.6 - 5.2 | 500 | 150 | C | **31802B** |
| EC-2-R | 3.6 - 5.2 | 500 | 150 | C | **31802R** |
| EC-2-S | 3.6 - 5.2 | 500 | 150 | C | **31802S** |
| EC-2-T | 3.6 - 5.2 | 500 | 150 | C | **31802T** |
| EC-2-N | 3.6 - 5.2 | 500 | 150 | C | **31802N** |
| EC-2-P | 3.6 - 5.2 | 500 | 150 | C | **31802P** |
| EC-2-E | 3.6 - 5.2 | 500 | 150 | C | **31802E** |
| EC-2-A | 3.6 - 5.2 | 500 | 150 | C | **31802A** |
| EC-2-B | 3.6 - 5.2 | 500 | 150 | C | **31802B** |
| EC-2-C | 3.6 - 5.2 | 500 | 150 | C | **31802C** |
| EC-2-Q | 3.6 - 5.2 | 500 | 150 | C | **31802Q** |

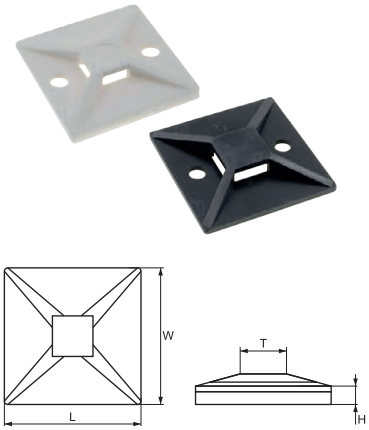
| Type | Section (mm) | Number in a roller | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| EC-3-0 | 5 - 7.2 | 250 | 150 | C | **318030** |
| EC-3-1 | 5 - 7.2 | 250 | 150 | C | **318031** |
| EC-3-2 | 5 - 7.2 | 250 | 150 | C | **318032** |
| EC-3-3 | 5 - 7.2 | 250 | 150 | C | **318033** |
| EC-3-4 | 5 - 7.2 | 250 | 150 | C | **318034** |
| EC-3-5 | 5 - 7.2 | 250 | 150 | C | **318035** |
| EC-3-6 | 5 - 7.2 | 250 | 150 | C | **318036** |
| EC-3-7 | 5 - 7.2 | 250 | 150 | C | **318037** |
| EC-3-8 | 5 - 7.2 | 250 | 150 | C | **318038** |
| EC-3-9 | 5 - 7.2 | 250 | 150 | C | **318039** |
| EC-3-a | 5 - 7.2 | 250 | 150 | C | **31803A** |
| EC-3-b | 5 - 7.2 | 250 | 150 | C | **31803B** |
| EC-3-R | 5 - 7.2 | 250 | 150 | C | **31803R** |
| EC-3-S | 5 - 7.2 | 250 | 150 | C | **31803S** |
| EC-3-T | 5 - 7.2 | 250 | 150 | C | **31803T** |
| EC-3-N | 5 - 7.2 | 250 | 150 | C | **31803N** |
| EC-3-P | 5 - 7.2 | 250 | 150 | C | **31803P** |
| EC-3-E | 5 - 7.2 | 250 | 150 | C | **31803E** |
| EC-3-A | 5 - 7.2 | 250 | 150 | C | **31803A** |
| EC-3-B | 5 - 7.2 | 250 | 150 | C | **31803B** |
| EC-3-C | 5 - 7.2 | 250 | 150 | C | **31803C** |
| EC-3-Q | 5 - 7.2 | 250 | 150 | C | **31803Q** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



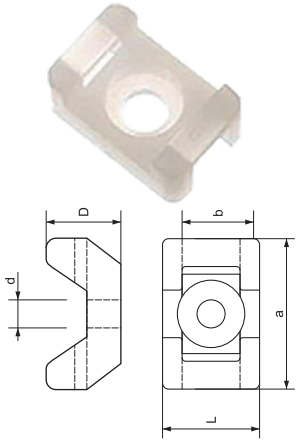

## CABLE TIE HOLDER

| Type | colour | Bore diameter (mm) | a (mm) | b (mm) | D (mm) | W1 (mm) | W2 (mm) | L (mm) | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MT-8 | black | ϕ8 | 9,7 | 6,3 | 9,9 | 12,7 | 12,6 | 43 | 100 | C | **500046** |
| MT-8 | white | ϕ8 | 9,7 | 6,3 | 9,9 | 12,7 | 12,6 | 43 | 100 | C | **500047** |




## CABLE TIE MOUNTS-ADHESIVE

| Type | colour | Dimmensions (mm) | | | | Packing (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| | | L | W | H | T | | | |
| MT-25 | white | 25 | 25 | 7,5 | 6,2 | 100 | C | **500041** |
| MT-25 | black | 25 | 25 | 7,5 | 6,2 | 100 | C | **500042** |
| MT-30 | white | 30 | 30 | 8,7 | 6,4 | 100 | C | **500043** |
| MT-30 | black | 30 | 30 | 8,7 | 6,4 | 100 | C | **500039** |




## CABLE TIE BASES FIXED WITH SCREWS

| Type | Color | a (mm) | b (mm) | L (mm) | d (mm) | D (mm) | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| CTH-2C | white | 22 | 16,5 | 9 | 5,8 | 9,5 | 100 | C | **500048** |
| CTH-2C | black | 22 | 16,5 | 9 | 5,8 | 9,5 | 100 | C | **500038** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days, and for CTH-2C will be 90 days.*



## CABLE TIES - WHITE

| Type | Length (mm) | Colour | Width (mm) | Packing (pcs) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| Cable ties | 100 | white | 2.5 | 100 | 10 / 800 | C | **500100** |
| Cable ties | 150 | white | 2.5 | 100 | 10 / 500 | C | **500152** |
| Cable ties | 160 | white | 2.5 | 100 | 10 / 500 | C | **500162** |
| Cable ties | 200 | white | 2.5 | 100 | 10 / 400 | C | **500202** |
| Cable ties | 250 | white | 3.5 | 100 | 10 / 250 | C | **500253** |
| Cable ties | 280 | white | 3.5 | 100 | 10 / 200 | C | **500283** |
| Cable ties | 300 | white | 3.5 | 100 | 10 / 200 | C | **500303** |
| Cable ties | 300 | white | 4.8 | 100 | 10 / 120 | C | **500304** |
| Cable ties | 370 | white | 3.5 | 100 | 10 / 120 | C | **500373** |
| Cable ties | 380 | white | 4.8 | 100 | 10 / 100 | C | **500384** |
| Cable ties | 450 | white | 4.8 | 100 | 10 / 70 | C | **500454** |
| Cable ties | 500 | white | 7.9 | 100 | 5 / 40 | C | **500507** |



## CABLE TIES - BLACK

| Type | Length (mm) | Colour | Width (mm) | Packing (pcs) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| Cable ties | 150 | black | 2.5 | 100 | 10 / 500 | C | **500151** |
| Cable ties | 160 | black | 2.5 | 100 | 10 / 500 | C | **500161** |
| Cable ties | 250 | black | 3.5 | 100 | 10 / 250 | C | **500251** |
| Cable ties | 280 | black | 3.5 | 100 | 10 / 200 | C | **500281** |
| Cable ties | 300 | black | 3.5 | 100 | 10 / 200 | C | **500301** |
| Cable ties | 500 | black | 7.9 | 100 | 40 | C | **500501** |



## CABLE HOLDER WITH TIE

| Type | Color | a (mm) | b (mm) | c (mm) | d (mm) | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| cable holder with tie | black | 27 | 14 | 140 | 0,5 | 20 | C | **500444** |
| cable holder with tie | grey | 27 | 14 | 140 | 0,5 | 20 | C | **500445** |



*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days, and for CABLE HOLDER will be 30 days.*



## WALL PLUG WITH CABLE TIE

| Type | Color | Bore diameter (mm) | Tie Length (mm) | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| wall plug with cable tie | black | Ø6 | 95 | 50 | C | **500427** |
| wall plug with cable tie | black | Ø8 | 95 | 50 | C | **500425** |



## WIRE GRIP BAND FOR FLAT CABLE

| Type | Color | Bore diameter (mm) | width of the head | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| wire grip band for flat cable 1 | white | 6-7 | 18 | 50 | C | **500432** |
| wire grip band for flat cable 2 | white | 6-7 | 12 | 50 | C | **500434** |
| wire grip band for flat cable 3 | white | 6-7 | 10 | 50 | C | **500436** |

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

| Type | Color | Bore diameter (mm) | width of the head | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| wire grip band for round cable 4 | white | 6-7 | 6 | 50 | C | **500438** |
| wire grip band for round cable 5 | white | 6-7 | 8 | 50 | C | **500440** |
| wire grip band for round cable 6 | white | 6-7 | 10 | 50 | C | **500439** |
| wire grip band for round cable 7 | white | 6-7 | 14 | 50 | C | **500441** |
| wire grip band for round cable 8 | white | 8-9 | 20 | 50 | C | **500442** |

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



## HARDENED STEEL NAILS, SIKO

| Model | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| Siko 16 | 16 | 2 | 100/2000 | G | **M499108** |
| Siko 30 | 30 | 2 | 100/1000 | G | **M499489** |

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days.***



## LAMP HOLDER

| Type | Lamp | Material | Dimmensions (mm) | | | | Packing (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| | | | Diameter | Width | Height | d | | | |
| Lamp holder | GU10 | ceramic | 27 | 20 | 16 | 3.4 | 100 | C | **99292** |

Length of the cable: 140 mm



## LAMP HOLDER

| Type | Lamp | Material | Dimmensions (mm) | | | | Packing (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| | | | Diameter | Width | Height | d | | | |
| Lamp holder | G 4 / G 5.3 / GY 6.35 | ceramic | 16 | 11 | 10 | 3.4 | 200 | C | **99293** |

Length of the cable: 90 mm



## CERAMIC LAMP HOLDER

| Type | Lamp | Material | Dimmensions (mm) | | | | Packing (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| | | | Length | Diameter | Width | d | | | |
| Lamp holder | E 14 | ceramic | 44 | 33 | 20 | 4,3 | 40/400 | C | **99296** |
| Lamp holder | E 27 | ceramic | 48 | 41 | 20 | 4,3 | 40/400 | C | **99294** |
| Lamp holder with support | E 27 | ceramic | 48 | 41 | 20 | 4,3 | 16/320 | C | **99295** |
| Lamp holder | E 40 | ceramic | 72 | 56 | 23 | 4,3 | 100 | C | **99298** |



*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



## HANGING LAMP HOLDER

| Type | Lamp | Material | Dimmensions (mm) | | Section of power supply conductors | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| | | | Diameter | Length | | | |
| Screw | E27 | bakelite | 38.5 | 55 | 0.5-2.5mm² | C | **99196** |



## HANGING LAMP HOLDER

| Type | Lamp | Material | Dimmensions (mm) | | Section of power supply conductors | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| | | | Diameter | Length | | | |
| Screw | E27 | bakelite | 38.5 | 55 | 0.5-2.5mm² | C | **99197** |



## HANGING LAMP HOLDER

| Type | Lamp | Material | Dimmensions (mm) | | Section of power supply conductors | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| | | | Diameter | Length | | | |
| Screwless | E14 | plastic | 44 | 56,3 | 0.5-2.5mm² | C | **99194** |



## HANGING LAMP HOLDER

| Type | Lamp | Material | Dimmensions (mm) | | Section of power supply conductors | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| | | | Diameter | Length | | | |
| Screwless | E27 | plastic | 55 | 62,5 | 0.5-2.5mm² | C | **99195** |



*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



## LAMP BASES

| Type | Lamp | Material | Rated current | Diameter (mm) | Length (mm) | Section of power supply conductors | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| Oblique | E27 | plastic | 4A | 78 | 38 | 0.5-2.5mm² | C | **99200** |
| Straight | E27 | plastic | 4A | 63 | 40 | 0.5-2.5mm² | C | **99199** |



## TWIN SOCKET LAMP HOLDER

| Type | Lamp | Material | Rated current | Diameter (mm) | Length (mm) | Section of power supply conductors | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| E27-2xE27 | E27 | Iron + PBT | 4A | 76 | 74 | 0.5-2.5mm² | C | **99198** |



## LAMP HOLDER ADAPTORS TO E27

| Type | Voltage | Rated current (A) | Used for holder | Convert to lamp socket | Material | Packing (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| E40/E27 | 250V | 4A | E40 | E27 | iron/plastic | 15/500 | C | **192168** |
| G24/E27 | 250V | 4A | G24-4 pin | E27 | PBT+ copper | 25/300 | C | **192169** |

Ambient temperature: 85°C



## INTERMEDIATE SWITCH

| Type | Voltage | Rated current (A) | Colour | Packing (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| IS-RW | 250V | 6 | red & white | 1 | C | **M300018** |
| IS-B | 250V | 6 | black | 1 | C | **M300002** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days, and for Intermediate switches will be 30 days.*



## INFRARED MOTION SENSOR ST02A

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Type | Detection range | Rated load | Detection distance | Colour body | Size (mm) Length | Width | Height | Packing (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|
| ST02A | 160° | LED - 200W IL-500W | max.9m | white | 80 | 54 | 59.9 | 100 | C | **99DS100** |

Time-Delay: 10sec ± 3sec to 7min ± 2min (adjustable); Ambient light: <3-2000lux (adjustable); Detection motion speed: 0.6 - 1.5m/s; Two wire line; Installation height: 1 - 1.8m



## INFRARED MOTION SENSOR ST42

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Type | Detection range | Rated load | Detection distance | Colour body | Size (mm) Length | d1 | d2 | Packing (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|
| ST42 | 360° | LED - 300W IL - 1200W | max.6m | white | 75,6 | 76 | 100 | 50 | C | **99DS104** |

Time-Delay: 10sec ± 3sec to 7min ± 2min (adjustable); Ambient light: <3 - 2000lux (adjustable); Detection motion speed: 0.6 - 1.5m/s; Installation height: 2.2 - 4m



## INFRARED MOTION SENSOR ST41

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Type | Detection range | Rated load | Detection distance | Colour body | Size (mm) Length | d1 | d2 | Packing (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|
| ST41 | 360° | LED - 300W IL - 1200W | max.6m | white | 75,6 | 61,5 | 76 | 50 | C | **99DS103** |

Time-Delay: 10sec ± 3sec to 7min ± 2min (adjustable); Ambient light: <3 - 2000lux (adjustable); Detection motion speed: 0.6 - 1.5m/s; Installation height: 2.2 - 4m



## INFRARED MOTION SENSOR ST40

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Type | Detection range | Rated load | Detection distance | Colour body | Size (mm) Length | d1 | d2 | Packing (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|
| ST40 | 360° | LED - 800W IL - 1200W | max.6m | white | 50 | 50 | 35 | 50 | C | **99DS402** |

Time-Delay: 10sec ± 3sec to 7min ± 2min (adjustable); Ambient light: <3 - 2000lux (adjustable); Detection motion speed: 0.6 - 1.5m/s; Installation height: 2.2 - 4m

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



## INFRARED MOTION SENSOR ST11

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Type | Detection range | Rated load | Detection distance | Colour body | Size (mm) Length | Width | Height | Packing (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|
| ST11 | 180° | LED - 500W<br>IL - 800W | max.12m | white | 80 | 55 | 65 | 50 | C | **99DS403** |

Time-Delay: 10sec ± 3sec to 7min ± 2min (adjustable); Ambient light: <3 - 2000lux (adjustable); Detection motion speed: 0.6 - 1.5m/s; Installation height: 2.2 - 4m



## INFRARED MOTION SENSOR ST07

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Type | Detection range | Rated load | Detection distance | Colour body | Size (mm) Height | Diameter | Packing (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| ST07 | 380° | LED - 300W<br>IL - 1200W | max.6m | white | 58 | 115 | 50 | C | **99DS101** |
| ST07 | 380° | LED - 300W<br>IL - 1200W | max.6m | black | 58 | 115 | 50 | C | **99DS102** |

Time-Delay: 10sec ± 3sec to 7min ± 2min (adjustable); Ambient light: <3 - 2000lux (adjustable); Detection motion speed: 0.6 - 1.5m/s ; Installation height: 2.2 - 4m



## INFRARED MOTION SENSOR ST24

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Type | Detection range | Rated load | Detection distance | Colour body | Size (mm) Length | Width | Height | Packing (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|
| ST24 | 120°/360° | LED - 200W<br>IL - 800W | max.6m | white | 55.8 | 34 | 24.6 | 100 | C | **99DS109** |

Time Delay: 5s, 30s, 1min, 3min, 5min, 8min(choice); Ambient Light: 10LUX/2000LUX (choice)
Detection Distance: 3m/6m(choice) (<24oC); Detection motion speed: 0.6 - 1.5m/s



*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



## MICROWAVE SENSOR ST701F

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Type | Detection range | Rated load | Colour body | Size (mm) | | | Packing (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Length | Width | Height | | | |
| ST701F | 180°/360° | LED - 200W<br>IL - 500W | white | 58 | 40.5 | 25.5 | 100 | C | **99DS400** |

Time Delay: 10sec ± 3sec to 12min ± 1min (adjustable); Ambient Light: <3 - 2000LUX (adjustable)
HF System: 5.8GHz CW radar,ISM band; Detection Distance: Wall: 5 - 15m (adjustable); Ceilling: 2 - 8m(radius), adjustable; Installation Height: Wall:1.5 - 3.5m; Ceiling: 2 - 10m



## INFRARED MOTION SENSOR ST15

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Type | Detection range | Rated load | Detection distance | Colour body | Size (mm) | | | Packing (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Length | Width | Height | | | |
| ST15 | 180° | LED - 300W<br>IL - 1200W | max.12m | white | 80 | 117,2 | 31,5 | 50 | C | **99DS108** |

Time-Delay: 10sec ± 3sec to 7min ± 2min (adjustable); Ambient light: <3 - 2000lux (adjustable)
Detection motion speed: 0.6 - 1.5m/s; Installation height: 2.2 - 4m IP65



## INFRARED MOTION SENSOR ST10A

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Type | Detection range | Rated load | Detection distance | Colour body | Size (mm) | | | Packing (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Length | Width | Height | | | |
| ST10A | 180° | LED - 300W<br>IL - 1200W | 5-12m | white | 87,4 | 120 | 144 | 50 | C | **99DS107** |

Time-Delay: 10sec ± 3sec to 7min ± 2min (adjustable); Ambient light: <3 - 2000lux (adjustable)
Detection motion speed: 0.6 - 1.5m/s; Installation height: 2.2 - 4m IP44



## INFRARED MOTION SENSOR ST05CA

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Type | Rated load | Time-Delay | Ambient Light | Height (mm) | Diameter (mm) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| ST05CA | LED - 300W, IL - 800W | 10s to 15min | <3 - 2000LUX | 24.9 | 102 | C | **99DS110** |

Detection Distance: max 6m.

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



## LIGHT-CONTROL SENSOR ST300, IP44

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Type | Rated current | Colour body | Size (mm) | | Packing (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| | | | Length | Height | | | |
| ST300 | 10A | white | 35 | 108,6 | 50 | C | **99DS404** |

Ambient light: 3-500 lux (adjustable) IP44; Timer Built-in from 1-9 hours



## LIGHT-CONTROL SENSOR ST306, IP44

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Type | Rated current | Colour body | Size (mm) | | Packing (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| | | | Length | Height | | | |
| ST306 | 6A | black/white | 100 | 200 | 50 | C | **99DS405** |

Ambient light: <5 - 15lux (adjustable) IP44



## LIGHT-CONTROL SENSOR ST303, IP44

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Type | Rated current | Colour body | Size (mm) | | Packing (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| | | | Height | Diameter | | | |
| ST303 | 25A | white | 70,5 | 78,3 | 50 | C | **99DS300** |

Ambient light: <5 - 50lux (adjustable) IP44



## LIGHT-CONTROL SENSOR ST302, IP44

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Type | Rated current | Colour body | Size (mm) | | Packing (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| | | | Height | Diameter | | | |
| ST302 | 10A | white | 76,7 | 63 | 100 | C | **99DS301** |

Ambient light: <5 - 50lux (adjustable) IP44



***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



## LIGHT-CONTROL SENSOR ST308, IP65

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Type | Rated current | Colour body | Size (mm) | | | Packing (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| | | | Length | Width | Height | | | |
| ST308 | 20A | white | 35 | 66 | 90 | 100 | C | **99DS302** |

Ambient light: <2 - 100lux (adjustable) IP65




## TOUCHING SENSOR ST125

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Type | Rated load | Length (mm) | Width (mm) | Height (mm) | Diameter (mm) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| ST125 | LED - 200W, IL - 500W | 89.7 | 40.2 | 16.8 | - | C | **99DS115** |



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## CABLE REEL WITH THERMAL PROTECTION - MAK - 2A

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Cable type | Cable specification | Cable length (m) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| H05VV-F | 3 x 1.5mm² | 10 | 4 | E | **47911** |



## CABLE REEL WITH THERMAL PROTECTION - MAK - 3

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Cable type | Cable specification | Cable length (m) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| H05VV-F | 3 x 1.5mm² | 20 | 4 | E | **47921** |



## CABLE REEL WITH THERMAL PROTECTION - MAK - 4

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Cable type | Cable specification | Cable length (m) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| H05VV-F | 3 x 1.5mm² | 25 | 2 | E | **47927** |
| H05VV-F | 3 x 1.5mm² | 40 | 1 | E | **47940** |
| H05VV-F | 3 x 1.5mm² | 50 | 2 | E | **47950** |



## CABLE REEL - HJR TYPE, IP 44

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Type | Cable type | Cable specification | Cable length (m) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| HJR - 10AP | H07RN-F | 3 x 1.5mm² | 25 | 2 | E | **47960** |
| HJR - 10P | H07RN-F | 3 x 1.5mm² | 50 | 1 | E | **47959** |



## EMPTY CABLE REEL 029A

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Suitable for cable type | Outlets | Product category | Catalogue number |
|---|---|---|---|
| H05VV-F 3G1.5mm2- max 40m / 3G1.0mm2- max 50m | 4 socket 16A/230V | E | **47910** |



## EXTENSION CORDS

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Type | Cable type | Cable specification | Cable length (m) | Cable colour | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Extension cord | H05VV-F | 3G1.5mm² | 10 | orange | E | **47333** |
| Extension cord | H05VV-F | 3G1.5mm² | 15 | orange | E | **47334** |

Rated current: 16A, Voltage: 230VAC



## MULTIPLUGS 3 HOLES WITH KEY

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Type | Cable type | Cable specification | Cable length (m) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| 3 holes | H05VV-F | 3G1.5mm² | 2 | 1/40 | E | **47332** |



## MULTIPLUGS 4 HOLES WITH KEY

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Type | Cable type | Cable specification | Cable length (m) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| 4 holes | H05VV-F | 3G1.5mm² | 2 | 1/40 | E | **47432** |



## MULTIPLUGS 6 HOLES WITH KEY

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Type | Cable type | Cable specification | Cable length (m) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| 6 holes | H05VV-F | 3G1.5mm² | 2 | 1/25 | E | **47632** |



## MULTIPLUGS 8 HOLES WITH KEY

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Type | Cable type | Cable specification | Cable length (m) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| 8 holes | H05VV-F | 3G1.5mm² | 2 | 1/25 | E | **47732** |

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## MULTIPLUG - HX-3N TYPE

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Type | Cable type | Cable specification | Cable length (m) | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| HX-3N | H05VV-F | 3 x 1.0mm² | 1.5m | 40 | E | **47031** |
| HX-3N | H05VV-F | 3 x 1.5mm² | 3.0m | 5 / 40 | E | **47080** |
| HX-3N | H05VV-F | 3 x 1.5mm² | 5.0m | 5 / 40 | E | **47081** |

Max.3500W,16/250~



## MULTIPLUG - HX-4N TYPE

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Type | Cable type | Cable specification | Cable length (m) | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| HX-4N | H05VV-F | 3 x 1.0mm² | 1.5m | 50 | E | **47041** |
| HX-4N | H05VV-F | 3 x 1.5mm² | 3.0m | 30 | E | **47082** |
| HX-4N | H05VV-F | 3 x 1.5mm² | 5.0m | 25 | E | **47083** |

Max.3500W,16/250~



## MULTIPLUG - HX-6N TYPE

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Type | Cable type | Cable specification | Cable length (m) | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| HX-6N | H05VV-F | 3 x 1.0mm² | 1.5m | 50 | E | **47061** |
| HX-6N | H05VV-F | 3 x 1.5mm² | 3.0m | 40 | E | **47063** |
| HX-6N | H05VV-F | 3 x 1.5mm² | 5.0m | 40 | E | **47065** |

Max.3500W,16/250~



UNTIL SUPPLY LAST

## MULTIPLUG - ODL, IP44

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Type | Cable type | Cable specification | Cable length (m) | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| ODL - PYX - 2E | H07RN-F | 3 x 1.5mm² | 1.5m | 40 | F | **47802** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



## MULTIPLUG WITH KEY
## HKX-3N TYPE

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Type | Cable type | Cable specification | Cable length (m) | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| HKX-3N | H05VV-F | 3 x 1.0mm² | 1.5m | 5 / 40 | E | **47131** |
| HKX-3N | H05VV-F | 3 x 1.5mm² | 3.0m | 5 / 30 | E | **47133** |
| HKX-3N | H05VV-F | 3 x 1.5mm² | 5.0m | 5 / 25 | E | **47135** |

Max.3500W,16/250~



## MULTIPLUG WITH KEY
## HKX-4N TYPE

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Type | Cable type | Cable specification | Cable length (m) | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| HKX-4N | H05VV-F | 3 x 1.0mm² | 1.5m | 5 / 40 | E | **47142** |
| HKX-4N | H05VV-F | 3 x 1.5mm² | 3.0m | 5 / 30 | E | **47143** |
| HKX-4N | H05VV-F | 3 x 1.5mm² | 5.0m | 5 / 25 | E | **47145** |

Max.3500W,16/250~



## MULTIPLUG WITH KEY
## HKX-5N TYPE

2+0 standard +extended 2 YEAR TOTAL WARRANTY

| Type | Cable type | Cable specification | Cable length (m) | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| HKX-5N | H05VV-F | 3 x 1.0mm² | 1.5m | 5 / 40 | F | **47152** |

Max.3500W,16/250~

UNTIL SUPPLY LAST



## MULTIPLUG WITH KEY
## HKX-6N TYPE

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Type | Cable type | Cable specification | Cable length (m) | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| HKX-6N | H05VV-F | 3 x 1.0mm² | 1.5m | 5 / 40 | E | **47162** |
| HKX-6N | H05VV-F | 3 x 1.5mm² | 3.0m | 5 / 30 | E | **47163** |
| HKX-6N | H05VV-F | 3 x 1.5mm² | 5.0m | 5 / 25 | E | **47165** |

Max.3500W,16/250~

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



## THREE WAY CLIP MULTIPLUG

3+0 standard +extended 3 YEAR TOTAL WARRANTY

| Cable type | Cable specification | Cable length (m) | Colour | Material | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| H05VV-F | 3 x 1.0mm2 | 1.5m | White & Grey | PP+ABS | C | **47003** |



## POWER CABLES

| Cable type | Cable specification | Cable length (m) | Cable colour | Product category | Catalogue number |
|---|---|---|---|---|---|
| H05VV-F | 3G1.5mm² | 2 | white | E | **47001** |
| H05VV-F | 3G2.5mm² | 2 | white | E | **47002** |







## ADAPTERS

| Type | Colour | Rated current in (A) | Rated power in (W) | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Adapter double | White | 16 | 3500 | 50 | C | **192213** |
| Adapter double | Graphite | 16 | 3500 | 50 | C | **192212** |
| Adapter double with key | White | 16 | 3500 | 50 | C | **192211** |
| Adapter double with key | Graphite | 16 | 3500 | 50 | C | **192210** |
| Adapter triple | White | 16 | 3500 | 40 | C | **192209** |
| Adapter triple | Graphite | 16 | 3500 | 40 | C | **192208** |
| Adapter triple with key | White | 16 | 3500 | 40 | C | **192207** |
| Adapter triple with key | Graphite | 16 | 3500 | 40 | C | **192206** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days.*



## MULTISOCKET

| Type | Colour | Rated current in (A) | Rated power in (W) | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Multisocket double | black | 16 | 3500 | 60 | C | **192216** |
| Multisocket double | white | 16 | 3500 | 60 | C | **192217** |
| Multisocket triple | black | 16 | 3500 | 60 | C | **192218** |
| Multisocket triple | white | 16 | 3500 | 60 | C | **192219** |



## RUBBER MULTISOCKET

| Type | Colour | Rated current in (A) | Rated power in (W) | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Multisocket triple | White | 16 | 3500 | 20 | C | **192120/WH** |
| Multisocket triple | Black | 16 | 3500 | 20 | C | **192120/BL** |



## RUBBER SCHUKO SOCKETS

| Type | Colour | Rated current In (A) | Material | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Socket | White | 16 | Rubber | 25 | C | **192119/WH** |
| Socket | Black | 16 | Rubber | 25 | C | **192119/BL** |



## RUBBER SCHUKO SOCKETS WITH COVER IP44

| Type | Colour | Rated current In (A) | Material | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Socket | Black | 16 | Rubber | 1/30/150 | C | **192122/BL** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days and for 192122/BL will be 90 days.*



## RUBBER SCHUKO PLUG

| Type | Rated current In (A) | Colour | Material | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Plug | 16 | White | Rubber | 25 | C | **192118/WH** |
| Plug | 16 | Black | Rubber | 25 | C | **192118/BL** |
| Plug | 16 | Red | Rubber | 25 | C | **192118/R** |



## ANGLE BAKELITE SCHUKO PLUG

| Type | Rated current In (A) | Colour | Material | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Plug | 16 | White | Bakelite | 20/100 | C | **192117/WH** |
| Plug | 16 | Black | Bakelite | 20/100 | C | **192117/BL** |



## PLUG WITH PVC MUFF

| Type | Rated current In (A) | Colour | Material | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Plug | 16 | black / white | with pvc muff | 300 | C | **192113** |



## PLUG BAKELITE

| Type | Rated current In (A) | Colour | Material | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Plug | 16 | white | bakelite | 80 | C | **19211102** |
| Plug | 16 | black | bakelite | 80 | C | **19211101** |



## TWO PIN PLUG

| Type | Rated current In (A) | Colour | Material | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Plug | 6 | White | PP | 100 | C | **192116/WH** |
| Plug | 6 | Black | PP | 100 | C | **192116/BL** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days*

## TWO PIN PLUG WITH EXTRACTION RING



| Type | Rated current In (A) | Colour | Material | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Plug | 10 | White | PC | 1/500 | C | **192115/WH** |
| Plug | 10 | Black | PC | 1/500 | C | **192115/BL** |

## TWO POLE SOCKET WITH HOOK



| Type | Rated current In (A) | Colour | Material | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Socket | 10 | Black | PC | 1/500 | C | **192123/BL** |
| Socket | 10 | White | PC | 1/500 | C | **192123/WH** |

## BRITISH PLUG



| Type | Rated current In (A) | Colour | Material | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| British plug | 13 | white | PMMA | 1/20 | C | **192114** |

## FOOT SWITCH



| Type | Rated current In (A) | Colour | Material | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Switch | 10 | White | PC | 1/100 | C | **192124/WH** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



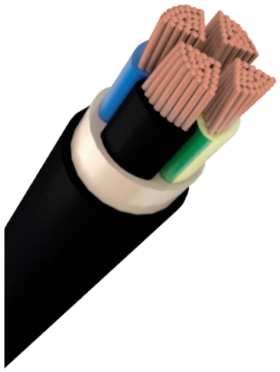
# OUTSIDE POWER CABLES

**Standards:**
DIN VDE 0293-308 - Colour coded acc
DIN VDE 0276 part 603 or HD 186
DIN VDE 0295 - Wire class acc

## NYY

5+2 standard +extended 7 YEAR TOTAL WARRANTY

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
- Temperature 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



| Cross section (n x mm²) | Wires shape | Colour | Outer diameter (mm) | Cu weight (kg/km) | Total weight (kg/km) | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| 2x1,5 | re | black | 12,2 | 28 | 192 | 100 | E | **833019** |
| 2x2,5 | re | black | 12,9 | 46 | 229 | 100 | E | **833020** |
| 2x4 | re | black | 14,9 | 75 | 315 | 100 | E | **833021** |
| 2x6 | re | black | 15,9 | 112 | 382 | 100 | E | **833022** |
| 2x10 | re | black | 17,5 | 188 | 509 | 1 | E | **833023** |



| Cross section (n x mm²) | Wires shape | Colour | Outer diameter (mm) | Cu weight (kg/km) | Total weight (kg/km) | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| 3x1,5 | re | black | 12,1 | 43 | 201 | 100 | E | **833030** |
| 3x2,5 | re | black | 12,9 | 70 | 247 | 100 | E | **833031** |
| 3x4 | re | black | 15 | 112 | 350 | 100 | E | **833032** |
| 3x6 | re | black | 16,1 | 168 | 435 | 100 | E | **833034** |
| 3x10 | re | black | 18 | 282 | 606 | 1 | E | **833036** |



*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days.*



| Cross section (n x mm²) | Wires shape | Colour | Outer diameter (mm) | Cu weight (kg/km) | Total weight (kg/km) | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| 4x1,5 | re | black | 12,9 | 57 | 232 | 100 | E | **833060** |
| 4x2,5 | re | black | 13,8 | 93 | 289 | 100 | E | **833061** |
| 4x4 | re | black | 16,2 | 149 | 419 | 100 | E | **833062** |
| 4x6 | re | black | 17,4 | 223 | 525 | 100 | E | **833063** |
| 4x10 | re | black | 19,5 | 376 | 741 | 1 | E | **833064** |
| 4x16 | re | black | 21,8 | 595 | 1024 | 1 | E | **833065** |





| Cross section (n x mm²) | Wires shape | Colour | Outer diameter (mm) | Cu weight (kg/km) | Total weight (kg/km) | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| 5x1,5 | re | black | 13,7 | 71 | 272 | 100 | E | **833077** |
| 5x2,5 | re | black | 14,8 | 116 | 341 | 100 | E | **833078** |
| 5x4 | re | black | 17,4 | 187 | 494 | 100 | E | **833079** |
| 5x6 | re | black | 19 | 279 | 635 | 100 | E | **833080** |



*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days.*

**Standards:**
BDS 904-84 - according to construction
IEC60332-1- according to flame retardant

## CBT-C

5+2 standard +extended 7 YEAR TOTAL WARRANTY

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. oprating temperature- +70C°
- Temperature of laying- ≥-5°C
- Conductor material- Copper (Cu)
- Conductors insulation - PVC compaund
- Outer steath material-filling sheath and PVC compaund
- Conductor 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



| Cross section (n x mm²) | Wires shape | Colour | Outer diameter (mm) | Cu weight (kg/km) | Total weight (kg/km) | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| 2X1 | re | black | 9.5 | 20 | 100 | 100 | E | **817020** |
| 2X1.5 | re | black | 10.0 | 28 | 120 | 100 | E | **817021** |
| 2X2.5 | re | black | 10.6 | 46 | 150 | 100 | E | **817022** |
| 2X4 | re | black | 12.5 | 73 | 210 | 100 | E | **817023** |
| 2X6 | re | black | 13.3 | 110 | 260 | 100 | E | **817024** |
| 2X10 | re | black | 15.2 | 182 | 370 | 1 | E | **817025** |



| Cross section (n x mm²) | Wires shape | Colour | Outer diameter (mm) | Cu weight (kg/km) | Total weight (kg/km) | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| 3X1 | re | black | 9.7 | 28 | 120 | 100 | E | **817036** |
| 3X1.5 | re | black | 10.2 | 42 | 140 | 100 | E | **817037** |
| 3X2.5 | re | black | 11.0 | 69 | 180 | 100 | E | **817039** |
| 3X4 | re | black | 13.0 | 110 | 260 | 100 | E | **817041** |
| 3X6 | re | black | 14.0 | 165 | 340 | 100 | E | **817043** |
| 3X10 | re | black | 16.0 | 275 | 480 | 1 | E | **817045** |



*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days.*



| Cross section (n x mm²) | Wires shape | Colour | Outer diameter (mm) | Cu weight (kg/km) | Total weight (kg/km) | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| 4X1 | re | black | 10.4 | 37 | 140 | 100 | E | **817067** |
| 4X1.5 | re | black | 11.0 | 55 | 165 | 100 | E | **817068** |
| 4X2.5 | re | black | 11.9 | 91 | 215 | 100 | E | **817069** |
| 4X4 | re | black | 14.1 | 146 | 315 | 100 | E | **817070** |
| 4X6 | re | black | 15.4 | 220 | 410 | 100 | E | **817071** |
| 4X10 | re | black | 17.4 | 365 | 595 | 1 | E | **817072** |
| 4X16 | rm | black | 20.6 | 585 | 950 | 1 | E | **817073** |



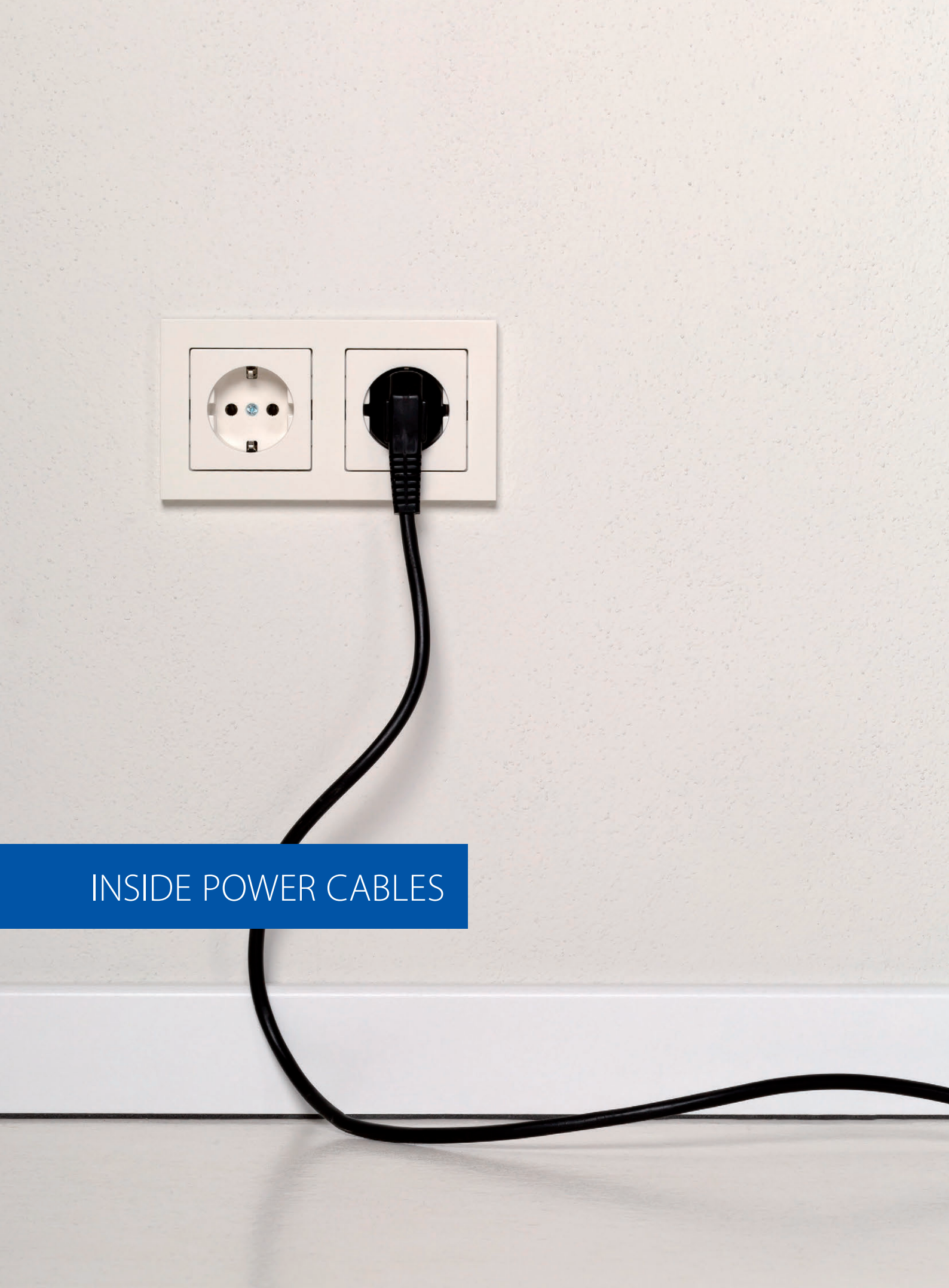


| Cross section (n x mm²) | Wires shape | Colour | Outer diameter (mm) | Cu weight (kg/km) | Total weight (kg/km) | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| 5X1 | re | black | 11.2 | 45 | 160 | 100 | E | **817083** |
| 5X1.5 | re | black | 11.8 | 69 | 195 | 100 | E | **817084** |
| 5X2.5 | re | black | 12.8 | 114 | 260 | 100 | E | **817085** |
| 5X4 | re | black | 15.5 | 182 | 380 | 100 | E | **817086** |
| 5X6 | re | black | 16.8 | 275 | 500 | 100 | E | **817087** |





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# INSIDE POWER CABLES

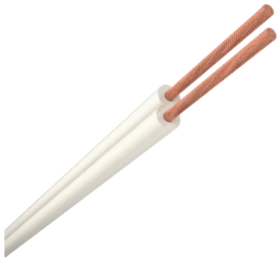
**Standards:**
Flat conductor acc. to BDS IEC 60227-5
Flexible Cu-wires, cl. 6 acc. to IEC 60228

## H03VH-H

5+2 standard +extended 7 YEAR TOTAL WARRANTY

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

| Cross section (n x mm²) | Colour | Thickness (mm) | Width (mm) | Cu weight (kg/km) | Total weight (kg/km) | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| 2x0,50 | white or black-red | 6,0 | 3,0 | 9 | 25 | 100 | E | **820001** |
| 2x0,75 | white or black-red | 6,4 | 3,2 | 14 | 30 | 100 | E | **820002** |
| 2x1 | white or black-red | 6,8 | 3,4 | 19,2 | 31 | 100 | E | **820017** |
| 2x1,50 | white or black-red | 7,6 | 4,0 | 28,8 | 38 | 100 | E | **820018** |

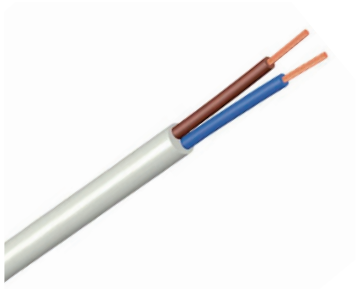
**Standards:**
Conductor acc. to HD 21,5 S3
Flexible Cu-wires, cl. 5 acc. to IEC 60228

## H03VV-F

5+2 standard +extended 7 YEAR TOTAL WARRANTY

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



| Type (flat) | Cross section (n x mm²) | Colour | Thickness (mm) | Width (mm) | Cu weight (kg/km) | Total weight (kg/km) | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| H03VVH2-F | 2x0,5 | white | 6,0 | 3,6 | 10,0 | 30 | 100 | E | **820004** |
| H03VVH2-F | 2x0,75 | white | 6,4 | 3,9 | 14,5 | 39 | 100 | E | **820006** |



| Type (round) | Cross section (n x mm²) | Colour | Outer diameter (mm) | Cu weight (kg/km) | Total weight (kg/km) | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| H03VV-F | 2X0,5 | white | 9.5 | 100 | 25 | 100 | E | **820003** |
| H03VV-F | 3X0.5 | white | 10.0 | 120 | 30 | 100 | E | **820007** |

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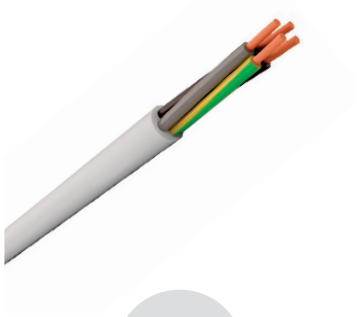
**Standards:**
Flexible cable acc. to HD 21.5 S3, DIN VDE 0281 part 5
Flexible Cu-wires, cl. 5 acc. to DIN VDE 0295, IEC 60228
Colour coding: acc. to DIN VDE 0293-308

## H05VV-F

5+2 standard +extended 7 YEAR TOTAL WARRANTY

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



| Cross section (n x mm²) | Colour | Outer diameter (mm) | Cu weight (kg/km) | Total weight (kg/km) | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| 2 x 0,75 | white | 7,6 | 14,0 | 62 | 100 | E | **821001** |
| 2 x 1 | white | 8,0 | 19,5 | 71 | 100 | E | **821002** |
| 2 x 1,5 | white | 9,0 | 28,0 | 94 | 100 | E | **821003** |
| 2 x 2,5 | white | 11,0 | 47,0 | 114 | 100 | E | **821004** |



| Cross section (n x mm²) | Colour | Outer diameter (mm) | Cu weight (kg/km) | Total weight (kg/km) | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| 3 x 0,75 | white | 8,0 | 21,5 | 74 | 100 | E | **821008** |
| 3 x 1 | white | 8,4 | 29,0 | 85 | 100 | E | **821009** |
| 3 x 1,5 | white | 9,8 | 42,0 | 120 | 100 | E | **821010** |
| 3 x 2,5 | white | 12,0 | 70,0 | 182 | 100 | E | **821011** |
| 3 x 4 | white | 13,0 | 114,0 | 252 | 100 | E | **821012** |



| Cross section (n x mm²) | Colour | Outer diameter (mm) | Cu weight (kg/km) | Total weight (kg/km) | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| 4 x 0,75 | white | 8,6 | 29,0 | 92 | 100 | E | **821016** |
| 4 x 1 | white | 9,4 | 38,5 | 109 | 100 | E | **821017** |
| 4 x 1,5 | white | 11,0 | 56,0 | 151 | 100 | E | **821018** |
| 4 x 2,5 | white | 13,0 | 93,5 | 225 | 100 | E | **821019** |
| 4 x 4 | white | 14,0 | 151,0 | 315 | 100 | E | **821020** |



| Cross section (n x mm²) | Colour | Outer diameter (mm) | Cu weight (kg/km) | Total weight (kg/km) | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| 5 x 0,75 | white | 9,6 | 36,0 | 115 | 100 | E | **821024** |
| 5 x 1 | white | 10,0 | 48,0 | 132 | 100 | E | **821025** |
| 5 x 1,5 | white | 12,0 | 70,0 | 188 | 100 | E | **821026** |
| 5 x 2,5 | white | 14,0 | 117,0 | 280 | 100 | E | **821027** |



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# 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

5+2 standard +extended 7 YEAR TOTAL WARRANTY

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:
- yellow-green: available cross sections from 0.5 to 10 ($mm^2$)
- white: available cross sections from 0.5 to 4 ($mm^2$)
- black: available cross sections from 0.5 to 10 ($mm^2$)
- blue: available cross sections from 0.5 to 10 ($mm^2$)
- brown: available cross sections from 0.5 to 10 ($mm^2$)
- red: available cross sections from 0.5 to 10 ($mm^2$)

| Type | Cross section (n x $mm^2$) | Outer diameter (mm) | Cu weight (kg/km) | Total weight (kg/km) | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| H05V-U | 0,5 | 2,4 | 4,5 | 9 | 100 | E | **822001** |
| H05V-U | 0,75 | 2,6 | 7,0 | 12 | 100 | E | **822002** |
| H05V-U | 1 | 2,8 | 9,0 | 15 | 100 | E | **822003** |

**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

| Type | Cross section (n x $mm^2$) | Outer diameter (mm) | Cu weight (kg/km) | Total weight (kg/km) | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| H07V-U | 1,5 | 3,3 | 13,5 | 21 | 100 | E | **822004** |
| H07V-U | 2,5 | 3,9 | 22,0 | 33 | 100 | E | **822005** |
| H07V-U | 4 | 4,4 | 35,0 | 48 | 100 | E | **822006** |
| H07V-U | 6 | 4,6 | 52,5 | 68 | 100 | E | **822007** |
| H07V-U | 10 | 6,4 | 87,5 | 113 | 100 | E | **822008** |

**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



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**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

5+2 standard +extended 7 YEAR TOTAL WARRANTY

Conductor, Cu-wires, PVC-isulation

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:
- yellow-green: available cross sections from 0.5 to 25 ($mm^2$)
- white: available cross sections from 0.5 to 4 ($mm^2$)
- black: available cross sections from 0.5 to 25 ($mm^2$)
- blue: available cross sections from 0.5 to 25 ($mm^2$)
- brown: available cross sections from 0.5 to 10($mm^2$)
- red: available cross sections from 0.5 to 25 ($mm^2$)

| Type | Cross section (n x $mm^2$) | Outer diameter (mm) | Cu weight (kg/km) | Total weight (kg/km) | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| H05V-K | 0,5 | 2,6 | 5,0 | 10 | 100 | E | **823002** |
| H05V-K | 0,75 | 2,8 | 7,0 | 13 | 100 | E | **823003** |
| H05V-K | 1 | 3,0 | 9,5 | 16 | 100 | E | **823004** |

**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

| Type | Cross section (n x $mm^2$) | Outer diameter (mm) | Cu weight (kg/km) | Total weight (kg/km) | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| H07V-K | 1,5 | 3,5 | 14,0 | 23 | 100 | E | **823005** |
| H07V-K | 2,5 | 4,2 | 23,0 | 36 | 100 | E | **823006** |
| H07V-K | 4 | 4,8 | 36,5 | 52 | 100 | E | **823007** |
| H07V-K | 6 | 6,3 | 57,0 | 74 | 100 | E | **823008** |
| H07V-K | 10 | 7,6 | 96,0 | 131 | 100 | E | **823009** |
| H07V-K | 16 | 8,8 | 151,0 | 195 | 100 | E | **823010** |
| H07V-K | 25 | 11,0 | 235,0 | 300 | 100 | E | **823011** |

**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



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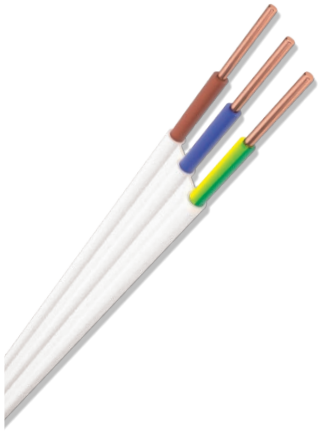
**Standards:**
Flat conductor acc. to BDS 4305-90
Solid Cu wires cl. 1 acc. to BDS 904-84

## NYIFY-O/J

5+2 standard +extended 7 YEAR TOTAL WARRANTY

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



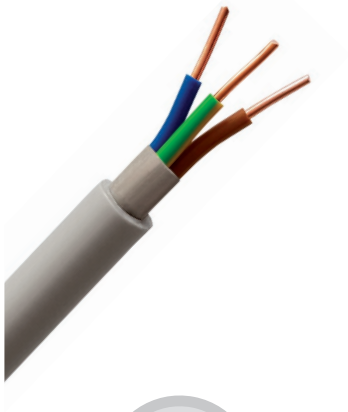
| Cross section (n x mm²) | Colour | Conductor Thickness (mm) | Conductor Width (mm) | Cu weight (kg/km) | Total weight (kg/km) | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| 2 x 1,00 | white | 3,70 | 10,30 | 17,9 | 55 | 100 | E | **834001** |
| 2x1,50 | white | 4,10 | 11,20 | 26,6 | 65 | 100 | E | **834002** |
| 2 x 2,50 | white | 5,00 | 12,90 | 44,3 | 97 | 100 | E | **834003** |
| 2x4,00 | white | 5,60 | 14,20 | 70,6 | 135 | 100 | E | **834004** |
| 2x6,00 | white | 6,50 | 16,00 | 104,4 | 190 | 100 | E | **834005** |



| Cross section (n x mm²) | Colour | Conductor Thickness (mm) | Conductor Width (mm) | Cu weight (kg/km) | Total weight (kg/km) | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| 3x1,00 | white | 3,70 | 14,00 | 26,8 | 73 | 100 | E | **834007** |
| 3x1,50 | white | 4,10 | 15,30 | 39,8 | 95 | 100 | E | **834008** |
| 3x2,50 | white | 5,00 | 16,90 | 66,4 | 142 | 100 | E | **834009** |
| 3x4,00 | white | 5,60 | 19,80 | 104,2 | 200 | 100 | E | **834010** |
| 3x6,00 | white | 6,50 | 22,50 | 156,5 | 280 | 100 | E | **834011** |

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**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

5+2 standard +extended 7 YEAR TOTAL WARRANTY

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 mashines. Is suitable for outdoor 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. oprating temperature- +70C°
- Instalation temperature- ≥-5°C
- Conductor material- Copper (Cu)
- Conductors insulation - PVC compaund
- Outer steath material-filling sheath and PVC compaund
- Conductor construction- solid CU wires, class 1 and class 2 for cross section above 10mm$^2$

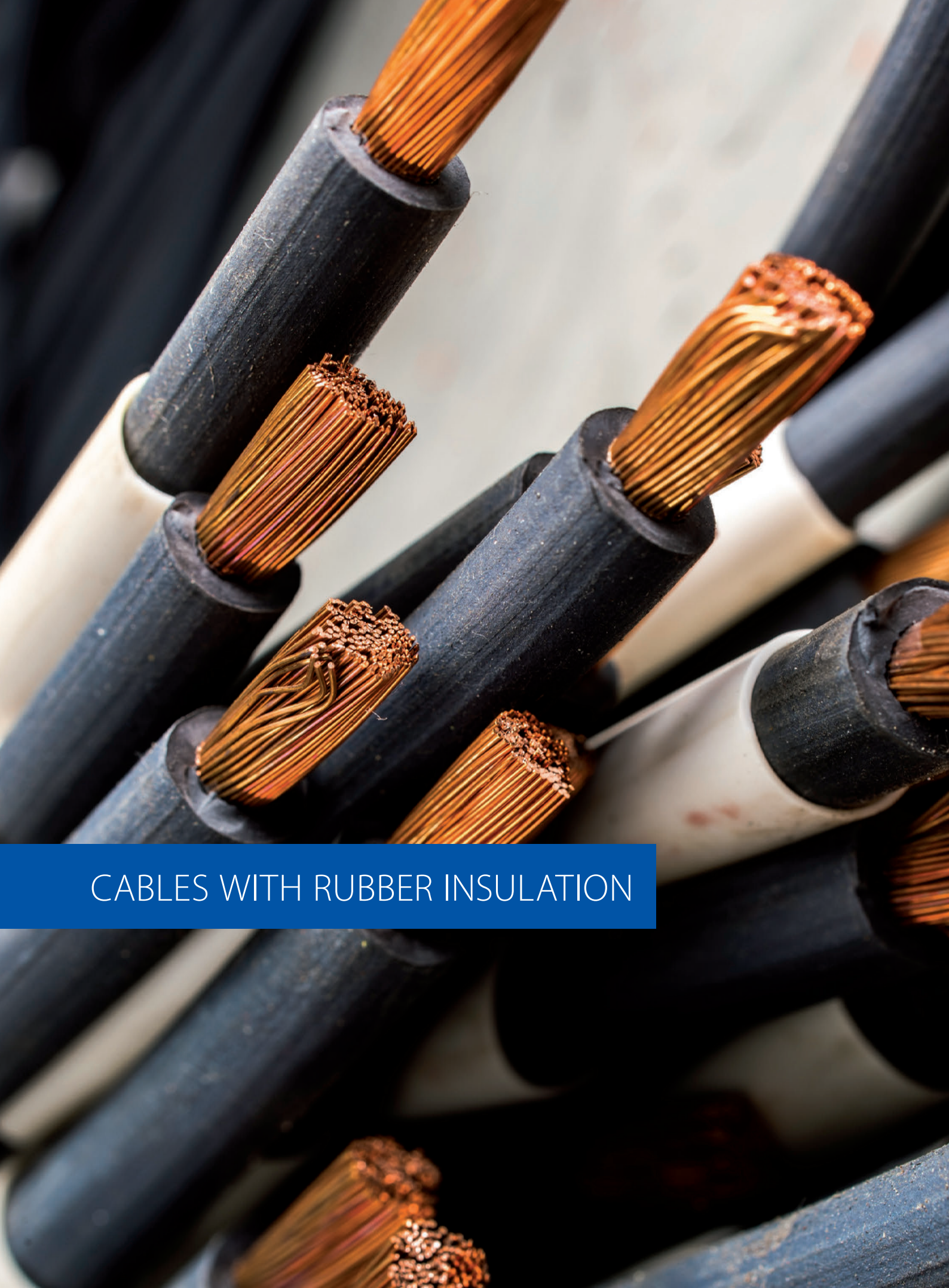
| Cross section (n x mm$^2$) | Colour | Outer diameter (mm) | Cu weight (kg/km) | Total weight (kg/km) | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| 2X1.5 | grey | 9.8 | 29 | 120 | 100 | E | **832008** |
| 2X2.5 | grey | 11.0 | 48 | 160 | 100 | E | **832009** |
| 2X4 | grey | 12.5 | 76 | 220 | 100 | E | **832010** |



| Cross section (n x mm$^2$) | Colour | Outer diameter (mm) | Cu weight (kg/km) | Total weight (kg/km) | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| 3X1.5 | grey | 10.5 | 43 | 136 | 100 | E | **832016** |
| 3X2.5 | grey | 11.5 | 72 | 190 | 100 | E | **832017** |
| 3X4 | grey | 13.0 | 115 | 260 | 100 | E | **832018** |



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# 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

5+2 standard +extended 7 YEAR TOTAL WARRANTY

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 steath material: Rubber EPR



| Cross section (n x mm²) | Type | Colour | Outer diameter (mm) | Cu weight (kg/km) | Total weight (kg/km) | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| 2X1 | H05RR-F | black | 6.1 - 8.0 | 19.0 | 71.0 | 100 | E | **814002** |
| 2X1.5 | H05RR-F | black | 7.6 - 9.8 | 29.0 | 99.0 | 100 | E | **814003** |
| 2X2.5 | H05RR-F | black | 9.0 - 11.6 | 48.0 | 148.0 | 100 | E | **814004** |



| Cross section (n x mm²) | Type | Colour | Outer diameter (mm) | Cu weight (kg/km) | Total weight (kg/km) | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| 3X1 | H05RR-F | black | 6.5 - 8.5 | 29.0 | 88.0 | 100 | E | **814007** |
| 3X1.5 | H05RR-F | black | 8.0 - 10.4 | 43.0 | 125.0 | 100 | E | **814008** |
| 3X2.5 | H05RR-F | black | 9.6 - 12.4 | 72.0 | 175.0 | 100 | E | **814009** |
| 3X4 | H05RR-F | black | 11.3 - 14.5 | 115.0 | 246.0 | 100 | E | **814010** |



| Cross section (n x mm²) | Type | Colour | Outer diameter (mm) | Cu weight (kg/km) | Total weight (kg/km) | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| 4X1 | H05RR-F | black | 9.0 - 11.6 | 58.0 | 165.0 | 100 | E | **814012** |
| 4X1.5 | H05RR-F | black | 9.0 - 11.6 | 58.0 | 165.0 | 100 | E | **814013** |
| 4X2.5 | H05RR-F | black | 10.7 - 13.8 | 96.0 | 225.0 | 100 | E | **814014** |
| 4X4 | H05RR-F | black | 12.7 - 16.2 | 154.0 | 315.0 | 100 | E | **814015** |
| 4X6 | H05RR-F | black | 14.2 - 18.1 | 231.0 | 440.0 | 100 | E | **814017** |



| Cross section (n x mm²) | Type | Colour | Outer diameter (mm) | Cu weight (kg/km) | Total weight (kg/km) | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| 5X1.5 | H05RR-F | black | 9.8 - 12.7 | 72.0 | 185.0 | 100 | E | **814020** |
| 5X2.5 | H05RR-F | black | 11.9 - 15.3 | 120.0 | 275.0 | 100 | E | **814021** |
| 5x4 | H05RR-F | black | 15,6-19,9 | 187 | 475 | 100 | E | **814022** |
| 5x6 | H05RR-F | black | 17,5-22,2 | 288 | 635 | 100 | E | **814023** |





*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days.*



# COMMUNICATION CABLES

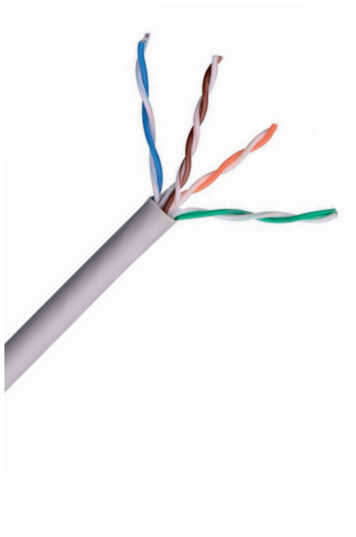
**Construction:**
CCA-wires - 4x2x0.24

## UTP

5+2 standard +extended 7 YEAR TOTAL WARRANTY

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 resisistance: ≤ 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:**
- CCA-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

| Colour | Category | Frequency - MHz | Characteristic of attenuation 4 | 10 | 16 | 62,5 | 100 | 125 | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|---|
| grey | Cat. 5e | Attenuation - db/100 m | 4,1 | 6,5 | 8,2 | 17 | 22 | 24,9 | 305 | E | **879002** |
| | | Attenuation (Next) - db | 56,3 | 50,3 | 47,3 | 38,4 | 35,3 | 33,9 | | | |

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

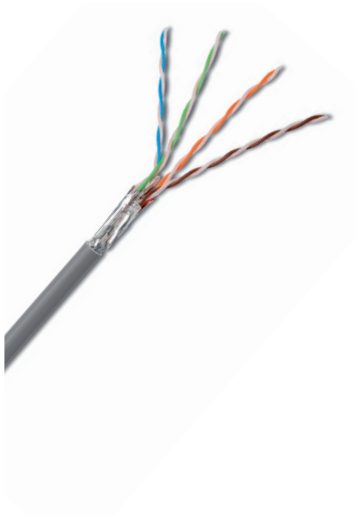
**Construction:**
CCA-wires - 4x2x0.24
CU-wires - 4x2x0.24

## FTP

5+2 standard +extended 7 YEAR TOTAL WARRANTY

LAN cable, stranded in pairs, with screen, cat. 5e

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 sygnals 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 resisistance: ≤ 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
- 879007- CU wires - 24 AWG; 0,51 mm, acc. to IEC 60228
- Insulation: PE compound
- Cable bundle: 4 stranded pairs
- PETP foil
- Drain tinned Cu-wire
- Screen: laminated Al foil
- Outer sheath: PVC compound or LSOH compound
- Outer sheath colour tor PVC-grey

| Material | Category | Frequency - MHz | Characteristic of attenuation 4 | 10 | 16 | 62,5 | 100 | 125 | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CCA | Cat. 5e | Attenuation - db/100 m | 4,1 | 6,5 | 8,2 | 17 | 22 | 24,9 | 305 | E | **879001** |
| CU | Cat. 5e | Attenuation (Next) - db | 56,3 | 50,3 | 47,3 | 38,4 | 35,3 | 33,9 | 305 | E | **879017** |

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

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

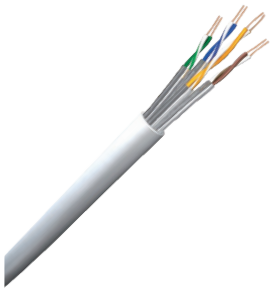
**Construction:**
CCA-wires - 4x2x0.24

## STP

5+2 standard +extended 7 YEAR TOTAL WARRANTY

LAN cable, stranded in pairs, with screen on each pair, cat. 6

STP; STP; STP; STP; STP; STP; STP; STP; STP CAT6



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 sygnals 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 resisistance: ≤ 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

| Colour | Category | Frequency - MHz | Characteristic of attenuation 4 | 10 | 16 | 62,5 | 100 | 200 | 300 | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| grey | Cat. 6 | Attenuation - db/100 m | 3,8 | 6 | 7,6 | 15,5 | 19,9 | 29,5 | 35 | 305 | E | **879012** |
| | | Attenuation (Next) - db | 65,3 | 59,3 | 56,2 | 47,4 | 44,3 | 39,8 | 38 | | | |

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

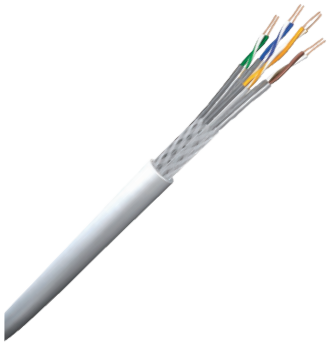
**Construction:**
CCA-wires - 4x2x0.24

## S-FTP

5+2 standard +extended 7 YEAR TOTAL WARRANTY

LAN cable, stranded in pairs, with duble-screen, cat. 5

S-FTP; S-FTP; S-FTP; S-FTP; S-FTP; S-FTP; S/FTP; s-FTP; SFTP CAT5



Cable, stranded in pairs, with screen of laminated foil, with braid of tinned copper wires used for transmisson 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 transmisson, measuring and control systems and for transmisson of high-fiequency analogue sygnals 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 resisistance: ≤ 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
- Braiding of tinned Cu-wires
- Outer sheath: PVC compound or LSOH compound
- Outer sheath colour: for PVC - grey

| Colour | Category | Frequency - MHz | Characteristic of attenuation 4 | 10 | 16 | 62,5 | 100 | 125 | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|---|
| grey | Cat. 5 | Attenuation - db/100 m | 4,3 | 6,6 | 8,2 | 17,1 | 22 | | 305 | E | **879011** |
| | | Attenuation (Next) - db | 53 | 47 | 44 | 35 | 32 | | | | |

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

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

## COAXIAL CABLE RG6 / 96

5+2 standard +extended 7 YEAR TOTAL WARRANTY

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.

| Colour | Description | Insulation Ø mm | Outer Ø mm | Wave resistance Ω | Max. capacity pF/m | Attenuation at 200 MHZ max. dB/100m | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| white | RG6/96 | PE 4,70 | 8,40 PVC | 75 ±3 | 68 | 12 | 100 | E | **856001** |

## COAXIAL CABLE RG59 / + 2X0.5MM2

5+2 standard +extended 7 YEAR TOTAL WARRANTY

Coaxial cable, suitable for video surveilance 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

**Electrical cable:**
- Inner conductor: 2 x 0.5 m CU wires
- Power wires resistance: 4 Ω / 100 m
- Outer coating: Ø 5 mm

| Colour | Description | Insulation Ø mm | Outer Ø mm | Wave resistance Ω | Max. capacity pF/m | Attenuation at 200 MHZ max. dB/100m | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| white | RG59/U+2x0.5 | PE 3,66 | 8/5mm | 75 ±3 | 53.4 | 12.4 | 100 | E | **856004** |



***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

# ALARM CABLE

5+2 standard +extended 7 YEAR TOTAL WARRANTY

Unshelles 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 colors: red, blue, yellow, black, green, white
- Shield: without
- Rip cord: syntetic fibers
- Drain wire: no

| Cross section (n x mm²) | Cable type | Colour | Outer diameter (mm) | Packing (m) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| 6x0.22 | CCA | white | 4.2 | 100 | E | **879016** |



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## PROFESSIONAL DRILL EL-D10

2+1 standard +extended 3 YEAR TOTAL WARRANTY

**10mm metal chuck:** to tighten and hold bits steady
**Forward and reverse:** ability for easy adjustment according to tasks

| Model | Power (W) | No-load speed (r/min) | Chuck size (mm) | Cable length (m) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| EL-D10 | 500 | 3 300 | 10 | 2 | 1 | D | **59510** |




## PROFESSIONAL IMPACT DRILL EL-D11

2+1 standard +extended 3 YEAR TOTAL WARRANTY

**Impact and drill:** two modes transformed
**13mm metal chuck:** to tighten and hold bits steady
**Auxiliary handle:** is convienient for operation at any angle
**Variable large trigger:** switch and 360° swivel side handle for added comfort speed
**Lock-on button:** for comfortable operation
**Aluminium:** diecast gear case

| Model | Power (W) | No-load speed (r/min) | Chuck size (mm) | Cable length (m) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| EL-D11 | 910 | 0-2800 | 13 | 2 | 1 | D | **59511** |




## PROFESSIONAL TWO SPEED IMPACT DRILL EL-D12

2+1 standard +extended 3 YEAR TOTAL WARRANTY

**Dual-mode selector:** easily converts from rotation-only to hammer-drill mode
**13mm metal chuck:** to tighten and hold bits steady
**Auxiliary handle:** is convienient 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:** transmission provides maximum torgue in setting one and maximum speed in setting two

| Model | Power (W) | No-load speed (r/min) | Chuck size (mm) | Cable length (m) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| EL-D12 | 1050 | 0-1200/ 0-3200 | 13 | 2 | 1 | D | **59512** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



## PROFESSIONAL LIGHT ROTARY HAMMER EL-RH13

2+1 standard +extended 3 YEAR TOTAL WARRANTY

**Four functions:** easily converts triem
**Auxiliary handle:** is convienient for operation at any angle
**Variable large trigger:** switch and 360° swivel side handle for added comfort speed
**Lock-on button:** for comfortable operation

| Model | Power (W) | Single stroke power (J) | No-load speed (r/min) | Impact rate (b/min) | Cable length (m) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| EL-RH13 | 800 | 3.2 | 0-1400 | 0-5700 | 2 | 1 | D | **59513** |



## PROFESSIONAL ANGLE GRINDER EL-AG01

2+1 standard +extended 3 YEAR TOTAL WARRANTY

**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. Auxiliary handle with rubber coated, can be set in two positions

| Model | Power (W) | Diameter of wheel (mm) | No-load speed (r/min) | Theard size | Cable length (m) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| EL-AG01 | 900 | 115 | 11 000 | M14 | 2 | 1 | D | **59501** |



## PROFESSIONAL ANGLE GRINDER EL-AG02

2+1 standard +extended 3 YEAR TOTAL WARRANTY

**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. Auxiliary handle with rubber coated, can be set in two positions

| Model | Power (W) | Diameter of wheel (mm) | No-load speed (r/min) | Theard size | Cable length (m) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| EL-AG02 | 2000 | 180 | 6500 | M14 | 2 | 1 | D | **59502** |

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



## PROFESSIONAL ANGLE GRINDER EL-AG03

2+1 standard +extended 3 YEAR TOTAL WARRANTY

**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. Auxiliary handle with rubber coated, can be set in two positions

| Model | Power (W) | Diameter of wheel (mm) | No-load speed (r/min) | Theard size | Cable length (m) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| EL-AG03 | 2400 | 230 | 6500 | M14 | 2 | 1 | D | **59503** |



## PROFESSIONAL MULTI TOOL EL-MT40

2+1 standard +extended 3 YEAR TOTAL WARRANTY

**Quick blade:** changing system can fit widely-used blades
**Oscilation angle:** 4 degree
**Powerful motor:** for improved durability and strainghter cuts
**Variable speed:** for optimal performace and control in a variety of materials

| Model | Power (W) | No-load speed (r/min) | Oscilation angle (mm) | Cable length (m) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| EL-MT40 | 280 | 11000-21000 | M14 | 2 | 1 | D | **59540** |



## PROFESSIONAL JIG SAW EL-JS20

2+1 standard +extended 3 YEAR TOTAL WARRANTY

| Model | Power (W) | No-load speed (r/min) | Stroke distance (mm) | Cable length (m) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| EL-JS20 | 710 | 1500-3100 | 23 | 2 | 1 | D | **59520** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



## PROFESSIONAL CORDED HEAT GUN EL-HG30

2+1 standard +extended 3 YEAR TOTAL WARRANTY

Dual fan speed celector delivers high and low fan speed settings
Integrated hands free support stand allow the gun to sit upright for hands free use
1800Watt motor delivers hight heat and multiple fan setting

| Model | Power (W) | Temperature (C°) | Air flow (L/M) | Cable length (m) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| EL-HG30 | 1800 | 50/400/550 | 250/250/500 | 2 | 1 | D | **59530** |



## 20V DRILL DRIVER EL-CD50

2+1 standard +extended 3 YEAR TOTAL WARRANTY

**High performance 4-pole motor**
**PCB inside:** to protect the motor from over-loading
**Belt clip:** for easy carring
**Soft grip:** to reduce fatigue
**Battery:** Not Included. Suitable with battery with catalogue numbers **59560** and **59561**

| Model | Voltage (V) | No-load speed (r/min) | Max. torque (N.m) | Torque settings | Chuck size (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| EL-CD50 | 20 | 0-400/0-1500 | 30 | 21+1 | 10 | 1 | D | **59550** |



## 20V TWO SPEED IMPACT DRILL EL-CD51

2+1 standard +extended 3 YEAR TOTAL WARRANTY

**All metal/ 2 speed transmision:** for a wide renge of drilling and driving applications
**High performance 4-pole motor**
**PCB inside:** to protect the motor from over-loading
**Belt clip:** for easy carring
**Soft grip:** to reduce fatigue
**Battery:** Not Included. Suitable with battery with catalogue numbers **59560** and **59561**

| Model | Voltage (V) | No-load speed (r/min) | Max. torque (N.m) | Torque settings | Impact rate (B/min) | Chuck size (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| EL-CD51 | 20 | 0-450/0-1700 | 50 | 21+1+1 | 0-6400/24000 | 13- all metal | 1 | D | **59551** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



## 20V ANGLE GRINDER EL-CAD52

2+1 standard +extended 3 YEAR TOTAL WARRANTY

**High performance motor**
**PCB inside:** to protect the motor from over-loading
**Soft grip:** to reduce fatigue
**Battery:** Not Included. Suitable with battery with catalogue numbers **59560** and **59561**

| Model | Voltage (V) | No-load speed (r/min) | Diameter of wheel | Thread size | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| EL-CAD52 | 20 | 7000 | 115 | 14 | 1 | D | **59552** |



## 20V LITHIUM BATTERIES

2+1 standard +extended 3 YEAR TOTAL WARRANTY

**Water protection barrier:** routes water away from the electronics and out of the battery pack
**Smart electronics:** Protect from abuse. Optimum tool performance
**Temp control frame:** Extend run-time anf life by minimizing heat. Operates below -18°C/ 0°F
**Fully explosed cell carrier and rubber overmold:** prevents pack failure from vibration or drops

| Model | Voltage (V) | Type | Capacity (Ah) | Cells (pcs) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| EL-B60 | 20VDC | Li-ion | 2 | 5 | 1 | D | **59560** |
| EL-B61 | 20VDC | Li-ion | 4 | 10 | 1 | D | **59561** |



## FAST BATTERY CHARGER

2+1 standard +extended 3 YEAR TOTAL WARRANTY

**Features:**
Diagnostics with LED
Short circuit protection
Over heating protection
Over charging protection

| Model | Rated Voltage (V) | Input Voltage (V) | Output (A) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| EL-CH62 | 20VDC | 100-240VAC | 2 | 1 | D | **59562** |



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## DIGITAL MULTIMETER EM890G

3+0 standard +extended 3 YEAR TOTAL WARRANTY

**TECHNICAL FEATURES:**
- DC voltage: 200m/ 2 / 20 / 200 / 600 V
- AC voltage : 2 / 20 / 200 / 600 V
- 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° up to 1000°C
- Diodes control: yes
- Buzzer: yes
- Transistor test: yes
- Auto power: yes
- Dimensions: 170 x 87 x 33mm
- Weight: 326 g
- Battery: 1x9V

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| EM890G | 1/40 | C | **519890** |



## DIGITAL MULTIMETER EM850L

3+0 standard +extended 3 YEAR TOTAL WARRANTY

**TECHNICAL FEATURES:**
- 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: 135x 67 x 33mm
- Weight: 147 g
- Battery: 1x9V

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| EM850L | 1/40 | C | **519850** |



## DIGITAL MULTIMETER EM83B

3+0 standard +extended 3 YEAR TOTAL WARRANTY

**TECHNICAL FEATURES:**
- 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: 102x 60 x 24mm
- Weight: 60 g
- Battery: 12V

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| EM83B | 1/100 | C | **519083** |

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## DIGITAL MULTIMETER EM5510

3+0 standard +extended 3 YEAR TOTAL WARRANTY

This is a digital device for measuring of humidity, illumination, temperature and all electric values. It features automatic range adjustment, manual value selection. It has an LCD display showing the measured value in digits with the size of 3 ¾ . It is of high accuracy of analogue-digital conversion, precision in measuring and resistance to electro-magnetic interferences. It has an automatic switch off.

**TECHNICAL FEATURES:**

- 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: 83 x 162 x 47mm

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| EM5510 | 1/10 | C | **5195510** |



## DIGITAL MULTIMETER EM420C

3+0 standard +extended 3 YEAR TOTAL WARRANTY

This is a digital device for measuring of humidity, illumination, temperature and all electric values. It features automatic range adjustment, manual value selection. It has an LCD display showing the measured value in 4 digits with the size of 16 mm. It is of high accuracy of analogue-digital conversion, precision in measuring and resistance to electro-magnetic interferences. It has an automatic switch off.

**TECHNICAL FEATURES:**

- 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: 75 x 158 x 35mm

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| EM420C | 1/10 | C | **519420** |



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## DIGITAL MULTIMETER EM3055

3+0 standard +extended 3 YEAR TOTAL WARRANTY

This is a digital device for measuring of all electric values. It features manual range adjustment. It has an LCD display showing the measured value in 4 digits with the size of 3 ½ . It is of high accuracy of analogue-digital conversion, precision in measuring and resistance to electro-magnetic interferences.

**TECHNICAL FEATURES:**
- 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: 97 x 200 x 48mm

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| EM3055 | 1/10 | C | **5193055** |



## DIGITAL MULTIMETER EM3058

3+0 standard +extended 3 YEAR TOTAL WARRANTY

This is a digital device for measuring of temperature and all electric values. It features manual range adjustment, manual value selection. It has an LCD display showing the measured value in digits with the size of 3 ¾ . It is of high accuracy of analogue-digital conversion, precision in measuring and resistance to electro-magnetic interferences. It has an automatic switch off.

**TECHNICAL FEATURES:**
- 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: 97 x 200 x 47 mm

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| EM3058 | 1/10 | C | **5193058** |



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## DIGITAL MULTIMETER EM31

3+0 standard +extended 3 YEAR TOTAL WARRANTY

This is a digital device for measuring of electric values. It features automatic range adjustment, manual value selection. It has an LCD display showing the measured value in 4 digits with the size of 16 mm. It is of high accuracy of analogue-digital conversion, precision in measuring and resistance to electro-magnetic interferences. It has an automatic switch off and low battery indication.

**TECHNICAL FEATURES:**
- 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: 70 x 126 x 28mm

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| EM31 | 1/10 | C | **519031** |




## DIGITAL MULTIMETER / PEN EM3215

3+0 standard +extended 3 YEAR TOTAL WARRANTY

This is a digital device for measuring of electric values in the form of a pen. It features automatic range adjustment, manual value selection. It has an LCD display, data retain function, automatic reset, polarity selection, range overload indication. It is of high accuracy of analogue-digital conversion, precision in measuring and resistance to electro-magnetic interferences. It has an automatic switch off and low battery indication and a torch.

**TECHNICAL FEATURES:**
- 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: 57 x 230 x 30mm

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| EM3215 | 1/10 | C | **5193215** |



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## DIGITAL CLAMP METER EM202

3+0 standard +extended 3 YEAR TOTAL WARRANTY

This is a digital clamp meter for measuring of electric values. It features manual range adjustment, manual value selection. It has an LCD display showing the measured value in digits with the size of 3½ mm. It is of high accuracy of analogue-digital conversion, precision in measuring and resistance to electro-magnetic interferences. It has an automatic switch off.

**TECHNICAL FEATURES:**
- 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: 99 x 250 x 43mm

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| EM202 | 1/10 | C | **519202** |



## DIGITAL CLAMP METER EM204

3+0 standard +extended 3 YEAR TOTAL WARRANTY

This is a digital clamp meter for measuring of electric values. It features automatic range adjustment, manual value selection. It has an LCD display, low battery indication, overload protection. It is of high accuracy of analogue-digital conversion, precision in measuring and resistance to electro-magnetic interferences. It has an automatic switch off.

**TECHNICAL FEATURES:**
- 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: 99 x 258 x 43mm

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| EM204 | 1/10 | C | **519204** |



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## DIGITAL CLAMP METER EM266

3+0 standard +extended 3 YEAR TOTAL WARRANTY

This is a digital clamp meter for measuring of electric values. It features manual range adjustment. It has an LCD display and retain function option, low battery indication and overload protection.

**TECHNICAL FEATURES:**
- 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: 69 x 229 x 38mm

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| EM266 | 1/10 | C | **519266** |




## INFRARED TEMPERATURE METER EM520A

3+0 standard +extended 3 YEAR TOTAL WARRANTY

This is a 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.

**TECHNICAL FEATURES:**
- 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: 90 x 155 x 45mm

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| EM520A | 1/5 | C | **519520** |



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## DIGITAL DETECTOR 4 IN 1 SERIES TS530

3+0 standard +extended 3 YEAR TOTAL WARRANTY

This is a device for detecting metals, voltage and live conductors, wooden struts, or piping sections. The device has a 2-meter measuring tape. It features light and sound indication. When an object is located, the display light blinks and marks with increasing position. Once the exact position is located, a light point is marked on the wall through a button.

**TECHNICAL FEATURES:**
- 2-meter measuring tape
- Pen: marking the located detail
- Piping section: metal pipe up to 25mm
- Wooden struts: 30x30mm
- Live conductors detection: 50mm for 90 ~ 250V; 50/60Hz
- Weight: 213 g (including battery)
- battery: 1x9 V
- dimensions: 73 x 180 x 32mm

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| TS530 | 1/10 | C | **519530** |



## INDUSTRIAL REPAIR KIT ETK06A

3+0 standard +extended 3 YEAR TOTAL WARRANTY

A finely packaged repair kit containing four elements in a metal briefcase, sealed with special plastic foam and struts for each instrument.

**THE KIT INCLUDES:**
- Digital multimeter EM420
- Digital clamp-on ammeter EM465
- Phase meter GK7
- Infrared temperature meter EM520A

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| ETK06A | 1/6 | C | **51906A** |



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## VOLTAGE TESTER

2+0 standard +extended 2 YEAR TOTAL WARRANTY

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.

**TECHNICAL FEATURES:**
- Length-3.5*140mm
- Voltage range 100-250V~
- GS, CE certifycates

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| DN-8203 | 1/480 | C | **519203** |



## VOLTAGE TESTER

2+0 standard +extended 2 YEAR TOTAL WARRANTY

**TECHNICAL FEATURES:**
- Length-3.5*190mm
- Voltage range 100-500V~
- ABS+PC

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| EL-1805 | 1/40/600 | C | **519205** |



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## PHASE METER GK7

3+0 standard +extended 3 YEAR TOTAL WARRANTY



A device indicating phase availability in the system. No contact phase indicator featuring sound and light indication of phase availability.

**TECHNICAL FEATURES:**
- Voltage range: from 50 to 1000V
- Frequency range: from 50 Hz to 500 Hz
- dimensions: length – 62mm

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| GK7 | 60 | C | **519GK7** |

## VOLTAGE TESTER

2+0 standard +extended 2 YEAR TOTAL WARRANTY



**TECHNICAL FEATURES:**
- Length-2.0*185mm
- Voltage range 6-380V
- ABS

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| EL-EN08 | 1/10/200 | C | **519206** |



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## CUTTER

3+2 standard +extended 5 YEAR TOTAL WARRANTY

| Type | Length (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|
| Cutter | 760 | 1 | C | **598245** |



## MULTI-PURPOSE WIRING TOOL

3+2 standard +extended 5 YEAR TOTAL WARRANTY

Ergonomic molded anti-slip grid handle
Crimp insulated and non insulated cable terminals

| Type | Size (mm) | Cable size section | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|---|
| Wiring tool | 200 | 0.75-6.0mm | 6/36 | C | **598030** |



## AUTOMATIC WIRE STRIPPER

3+2 standard +extended 5 YEAR TOTAL WARRANTY

Wire is automatically gripped and stripped with the same motion
Adjustable dial
Comfort grip handle

| Type | Size (mm) | Cable size section | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|---|
| Wire Stripper | 168 | 1.0-3.2mm | 6/36 | C | **598032** |



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## INSTRUMENT FOR MANUAL CRIMPING OF CONDUCTORS HD – 005 TYPE

2+0 standard +extended 2 YEAR TOTAL WARRANTY

**FUNCTIONS:**
- Crimping of naked cable terminals

**TECHNICAL DATA:**
- Possibility for crimping of cable conductors up to 10mm$^2$
- Form of the crimping head: hexahedral$^2$
- Weight of the instrument: 0.49kg
- Length of the instrument: 220mm
- Packing: blister

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| HD – 005 | 20 | C | **59308** |



## INSTRUMENT FOR MANUAL CRIMPING OF CONDUCTORS G – 301H TYPE

2+0 standard +extended 2 YEAR TOTAL WARRANTY

**FUNCTIONS:**
- Crimping of isolated cable terminals

**TECHNICAL DATA:**
- Possibility for crimping of cable conductors up to 6mm$^2$
- Form of the crimping head: hexahedral
- Weight of the instrument: 0.49kg
- Length of the instrument: 220mm
- Packing: blister

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| G – 301H | 20 | C | **59307** |



## CRIMPING PLIERS SN – 003 TYPE

2+0 standard +extended 2 YEAR TOTAL WARRANTY

**FUNCTIONS:**
- Crimping of naked cable terminals and joining bushes

**TECHNICAL DATA:**
- Possibility for crimping of cable conductors from 6 to 16mm$^2$
- Form of the crimping head: hexahedral
- Weight of the instrument: 0.39kg
- Length of the instrument: 190mm
- Packing: blister

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| SN – 003 | 10 / 20 | C | **59309** |

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## MECHANICAL CABLE CUTTING PLIERS CC – 325 TYPE

2+0 standard +extended 2 YEAR TOTAL WARRANTY

**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 150mm$^2$
  - for copper conductors up to 150mm$^2$
- Cutting power: 15T
- Presence of cutting mechanism type ratchet
- Presence of brake of the cutting mechanism
- Weight of the instrument: 0.58kg
- Length of the instrument: 260mm
- Packing: blister

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| CC – 325 | 5 / 10 | C | **59305** |



## MECHANICAL CABLE CUTTING PLIERS CC – 400 TYPE

2+0 standard +extended 2 YEAR TOTAL WARRANTY

**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

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| CC – 400 | 5 | C | **59304** |



## MECHANICAL CABLE CUTTING PLIERS HS – 250 TYPE

2+0 standard +extended 2 YEAR TOTAL WARRANTY

**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 240mm$^2$
  - for copper conductors up to 185mm$^2$
- Weight of the instrument: 1.43kg
- Length of the instrument: 540mm
- Packing: blister

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| HS – 250 | 10 | C | **59306** |

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## HYDRAULIC CRIMPING PLIERS HT - 300 TYPE

2+0 standard +extended 2 YEAR TOTAL WARRANTY

**FUNCTIONS:**
- Crimping of aluminum or copper conductors with cable terminals 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: hexahedral
- Size of the crimping element: 16, 25, 35, 50, 70, 95, 120, 150, 185, 240, 300 mm$^2$
- 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

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| HT - 300 | 2 | C | **59300** |





## HYDRAULIC CRIMPING PLIERS KYQ-300B TYPE

2+0 standard +extended 2 YEAR TOTAL WARRANTY

**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: hexahedral
- Size of the crimping element: 16, 25, 35, 50, 70, 95, 120, 150, 185, 240, 300 mm$^2$
- 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)
- Metal box for the instrument
- A set of congestion hoops for the hydraulic cylinder

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| KYQ-300B | 2 | C | **59302** |



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## HYDRAULIC CRIMPING PLIERS YQK-300 TYPE

2+0 standard +extended 2 YEAR TOTAL WARRANTY

**FUNCTIONS:**
- Crimping of aluminum or copper conductors with cable terminals or bush in the corresponding size

**TECHNICAL DATA:**
- Form of the crimping element: hexahedral
- Size of the crimping element: 10, 16, 25, 35, 50, 70, 95, 120, 150, 185, 240, 300 $mm^2$
- Section of the crimping conductors:
  - Al conductors - from 10 to 300 $mm^2$
  - Cu conductors – from 10 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: #15 (hydraulic oil with viscosity 15)
- Metal box for the instrument
- A set of congestion hoops for the hydraulic cylinder

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| YQK-300 | 4 | C | **59301** |





## HYDRAULIC CRIMPING PLIERS YQK – 50 TYPE

2+0 standard +extended 2 YEAR TOTAL WARRANTY

**FUNCTIONS:**
Crimping of aluminum or copper conductors with cable terminals or bush in the corresponding size

**TECHNICAL DATA:**
- Form of the crimping element: hexahedral
- Size of the crimping element: 4, 6, 10, 16, 25, 35, 50 $mm^2$
- Section of the crimping conductors:
  - Al conductors - from 4 to 50$mm^2$
  - 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)
- Metal box for the instrument
- A set of congestion hoops for the hydraulic cylinder

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| YQK – 50 | 5 | C | **59303** |



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## HYDRAULIC PUNCHING PLIERS WK - 8 TYPE

2+0 standard +extended 2 YEAR TOTAL WARRANTY

**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: Ø 22.5, 28.3, 34.6, 43.2, 49.6, 61.5mm
- Piercing capacity:
  - sheet metal 3mm – openings up to Ø 30mm
  - sheet metal 2mm – openings up to Ø 60mm
- 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
- 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 (ordered additionally); Catalogue number 54002

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| WK - 8 | 2 | C | **54000** |
| Additional set | 2 | C | **54002** |




## HYDRAULIC PUNCHING PRESS SYK – 15 TYPE

2+0 standard +extended 2 YEAR TOTAL WARRANTY

**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:
  - square: 32x32mm
  - round openings: Ø 22.5, 28.3, 34.6, 43.2, 49.6, 61.5mm
- Piercing capacity:
  - sheet metal 3mm – openings up to Ø 60.8mm
  - sheet metal 2mm – openings up to Ø 115.5mm
  - 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 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 (ordered additionally); Catalogue number 54002

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| SYK – 15 | 2 | C | **54001** |
| Additional set | 2 | C | **54002** |



*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



CrV

1000V

## VDE INSULATED COMBINED PLIERS

3+2 standard +extended 5 YEAR TOTAL WARRANTY

| Type | Size (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|
| COMBINED PLIERS 1000V | 200 | 6 / 36 | C | **598001** |



CrV

1000V

## VDE INSULATED LONG NOSE PLIERS

3+2 standard +extended 5 YEAR TOTAL WARRANTY

| Type | Size (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|
| LONG NOSE PLIERS 1000V | 200 | 6 / 36 | C | **598002** |



CrV

1000V

## VDE INSULATED DIAGONAL PLIERS

3+2 standard +extended 5 YEAR TOTAL WARRANTY

| Type | Size (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|
| CUTTING PLIERS 1000V | 160 | 6 / 36 | C | **598003** |
| CUTTING PLIERS 1000V | 180 | 6 / 36 | C | **598013** |



CrV

1000V

## VDE INSULATED WIRE STRIPPER

3+2 standard +extended 5 YEAR TOTAL WARRANTY

| Type | Size (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|
| WIRE STRIPPER 1000V | 160 | 6 / 36 | C | **598004** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



CrV

1000V

## VDE INSULATED GROOVE JOINT PLIERS

3+2 standard +extended 5 YEAR TOTAL WARRANTY

| Type | Size (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|
| GROOVE JOINT PLIERS 1000V | 250 | 6/36 | C | **598005** |



CrV

1000V

## VDE INSULATED SCREWDRIVER- SLOTTED

3+2 standard +extended 5 YEAR TOTAL WARRANTY

| Type | Size (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|
| SCREWDRIVER- SLOTTED | 2.5X50 | 6/36 | C | **598006** |
| SCREWDRIVER- SLOTTED | 3.5X75 | 6/36 | C | **598007** |
| SCREWDRIVER- SLOTTED | 4X100 | 6/36 | C | **598008** |
| SCREWDRIVER- SLOTTED | 5.5X150 | 6/36 | C | **598009** |



CrV

1000V

## VDE INSULATED SCREWDRIVER- PH

3+2 standard +extended 5 YEAR TOTAL WARRANTY

| Type | Size (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|
| SCREWDRIVER | PH0X75 | 6/36 | C | **598010** |
| SCREWDRIVER | PH1X100 | 6/36 | C | **598011** |
| SCREWDRIVER | PH2X125 | 6/36 | C | **598012** |



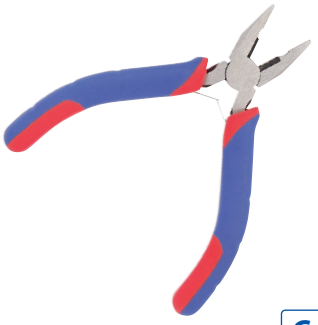
UNTIL SUPPLY LAST

## VDE CABLE CUTTING PLIERS, 1000V

3+2 standard +extended 5 YEAR TOTAL WARRANTY

| Type | Size (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|
| VDE Cable Cutting Pliers | 180 | 1 / 6 / 60 | F | **599200180** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



CrV

## MINI COMBINED PLIERS

3+2 standard +extended 5 YEAR TOTAL WARRANTY

Chrome-vanadium steel for longer life and durability
Bi-material comfort grip handle

| Type | Size (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|
| Mini combined pliers | 115 | 6/36 | C | **598040** |



CrV

## MINI DIAGONAL PLIERS

3+2 standard +extended 5 YEAR TOTAL WARRANTY

Chrome-vanadium steel for longer life and durability
Bi-material comfort grip handle

| Type | Size (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|
| Mini diagonal pliers | 115 | 6/36 | C | **598042** |



UNTIL SUPPLY LAST

## BENT NOSE MINI PLIERS

3+2 standard +extended 5 YEAR TOTAL WARRANTY

| Type | Size (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|
| Bent Nose Mini Pliers | 115 | 1 / 12 / 120 | F | **592400115** |



*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



## COMBINED PLIERS

3+2 standard +extended 5 YEAR TOTAL WARRANTY

Chrome-vanadium steel for longer life and durability
Bi-material comfort grip handle
Heat treated, fully polished

| Type | Size (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|
| Combined pliers | 160 | 6/36 | C | **598043** |
| Combined pliers | 180 | 6/36 | C | **598044** |

CrV



## DIAGONAL PLIERS

3+2 standard +extended 5 YEAR TOTAL WARRANTY

Chrome-vanadium steel for longer life and durability
Bi-material comfort grip handle
Heat treated, fully polished

| Type | Size (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|
| Diagonal pliers | 160 | 6/36 | C | **598046** |

CrV



## LONG NOSE PLIERS

3+2 standard +extended 5 YEAR TOTAL WARRANTY

Chrome-vanadium steel for longer life and durability
Bi-material comfort grip handle
Heat treated, fully polished

| Type | Size (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|
| Long nose pliers | 160 | 6/36 | C | **598047** |

CrV



*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



## MAGNETIC SCREWDRIVER- SLOTTED

3+2 standard +extended 5 YEAR TOTAL WARRANTY

| Type | Size (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|
| Screwdriver | 6x38 | 6/36 | C | **598070** |
| Screwdriver | 3x75 | 6/36 | C | **598071** |
| Screwdriver | 3x100 | 6/36 | C | **598072** |
| Screwdriver | 4x100 | 6/36 | C | **598073** |

CrV



## MAGNETIC SCREWDRIVER- PH

3+2 standard +extended 5 YEAR TOTAL WARRANTY

| Type | Size (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|
| Screwdriver | PH2x38 | 6/36 | C | **598080** |

CrV



## MAGNETIC SCREWDRIVER- PZ

3+2 standard +extended 5 YEAR TOTAL WARRANTY

| Type | Size (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|
| Screwdriver | PZ2x38 | 6/36 | C | **598089** |

CrV



## MAGNETIC BIT HOLDER

3+2 standard +extended 5 YEAR TOTAL WARRANTY

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| Bit holder | 6/36 | C | **598096** |



*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

## COMBINATION PLIERS

3+2 standard +extended 5 YEAR TOTAL WARRANTY




| Type | Size (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|
| Combination pliers | 200 | 1 / 6 / 36 | F | **592100200** |

## SIDE CUTTING PLIERS

3+2 standard +extended 5 YEAR TOTAL WARRANTY




| Type | Size (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|
| Side Cutting Pliers | 180 | 1 / 6 / 36 | F | **592200180** |

## CUTTING PLIERS, HEAVY DUTY

3+2 standard +extended 5 YEAR TOTAL WARRANTY




| Type | Size (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|
| Cutting Pliers, Heavy Duty | 180 | 1 / 6 / 36 | F | **592201180** |



UNTIL SUPPLY LAST

## SCREWDRIVER SLOTTED

3+2 standard +extended 5 YEAR TOTAL WARRANTY

| Type | Size (mm) | Length (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|---|
| Screwdriver | 4 | 150 | 1 / 12 / 120 | F | **593140150** |
| Screwdriver | 5 | 100 | 1 / 12 / 120 | F | **593150100** |
| Screwdriver | 5 | 150 | 1 / 12 / 120 | F | **593150150** |
| Screwdriver | 6 | 100 | 1 / 12 / 120 | F | **593160100** |
| Screwdriver | 6 | 150 | 1 / 12 / 120 | F | **593160150** |
| Screwdriver | 8 | 150 | 1 / 6 / 60 | F | **593180150** |



UNTIL SUPPLY LAST

## SCREWDRIVER PH

3+2 standard +extended 5 YEAR TOTAL WARRANTY

| Type | Size (mm) | Length (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|---|
| Screwdriver | PH0 | 75 | 1 / 12 / 120 | F | **593200075** |
| Screwdriver | PH0 | 100 | 1 / 12 / 120 | F | **593200100** |
| Screwdriver | PH0 | 150 | 1 / 12 / 120 | F | **593200150** |
| Screwdriver | PH1 | 75 | 1 / 12 / 120 | F | **593201075** |
| Screwdriver | PH1 | 100 | 1 / 12 / 120 | F | **593201100** |
| Screwdriver | PH1 | 150 | 1 / 12 / 120 | F | **593201150** |
| Screwdriver | PH2 | 100 | 1 / 12 / 120 | F | **593202100** |
| Screwdriver | PH2 | 150 | 1 / 12 / 120 | F | **593202150** |
| Screwdriver | PH3 | 150 | 1 / 6 / 60 | F | **593203150** |



UNTIL SUPPLY LAST

## SCREWDRIVER PZ

3+2 standard +extended 5 YEAR TOTAL WARRANTY

| Type | Size (mm) | Length (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|---|
| Screwdriver | PZ0 | 75 | 1 / 12 / 120 | F | **593300075** |
| Screwdriver | PZ1 | 100 | 1 / 12 / 120 | F | **593301100** |
| Screwdriver | PZ2 | 150 | 1 / 12 / 120 | F | **593302150** |
| Screwdriver | PZ3 | 150 | 1 / 6 / 60 | F | **593303150** |



## SCREWDRIVER T

3+2 standard +extended 5 YEAR TOTAL WARRANTY

| Type | Size (mm) | Length (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|---|
| Screwdriver | T5 | 75 | 1 / 12 / 120 | F | **593400005** |
| Screwdriver | T6 | 75 | 1 / 12 / 120 | F | **593400006** |
| Screwdriver | T7 | 75 | 1 / 12 / 120 | F | **593400007** |
| Screwdriver | T8 | 75 | 1 / 12 / 120 | F | **593400008** |
| Screwdriver | T9 | 75 | 1 / 12 / 120 | F | **593400009** |
| Screwdriver | T10 | 100 | 1 / 12 / 120 | F | **593400010** |
| Screwdriver | T15 | 100 | 1 / 12 / 120 | F | **593400015** |
| Screwdriver | T20 | 100 | 1 / 12 / 120 | F | **593400020** |
| Screwdriver | T25 | 100 | 1 / 12 / 120 | F | **593400025** |
| Screwdriver | T27 | 100 | 1 / 12 / 120 | F | **593400027** |
| Screwdriver | T30 | 100 | 1 / 12 / 120 | F | **593400030** |
| Screwdriver | T40 | 150 | 1 / 6 / 60 | F | **593400040** |

UNTIL SUPPLY LAST



## SLOTTED BIT 1/4

3+2 standard +extended 5 YEAR TOTAL WARRANTY

| Type | Size (mm) | Length (mm) | Packing (pcs) / hanging card | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Slotted bit | 4,0 | 25 | 2 | 125 / 500 | F | **594104025** |
| Slotted bit | 4,5 | 25 | 2 | 125 / 500 | F | **594104525** |
| Slotted bit | 5,5 | 25 | 2 | 125 / 500 | F | **594105525** |
| Slotted bit | 6,0 | 25 | 2 | 125 / 500 | F | **594106025** |
| Slotted bit | 6,5 | 25 | 2 | 125 / 500 | F | **594106525** |
| Slotted bit | 8,0 | 25 | 2 | 125 / 500 | F | **594108025** |
| Slotted bit | 9,0 | 25 | 2 | 125 / 500 | F | **594109025** |

UNTIL SUPPLY LAST



## SLOTTED BIT 1/4

3+2 standard +extended 5 YEAR TOTAL WARRANTY

| Type | Size (mm) | Length (mm) | Packing (pcs) / hanging card | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Slotted bit | 4,0 | 50 | 2 | 125 / 500 | F | **594114050** |
| Slotted bit | 4,5 | 50 | 2 | 125 / 500 | F | **594114550** |
| Slotted bit | 5,5 | 50 | 2 | 125 / 500 | F | **594115550** |
| Slotted bit | 6,0 | 50 | 2 | 125 / 500 | F | **594116050** |
| Slotted bit | 6,5 | 50 | 2 | 125 / 500 | F | **594116550** |
| Slotted bit | 8,0 | 50 | 2 | 125 / 500 | F | **594118050** |
| Slotted bit | 9,0 | 50 | 2 | 125 / 500 | F | **594119050** |

UNTIL SUPPLY LAST

## PH BIT 1/4

3+2 standard +extended 5 YEAR TOTAL WARRANTY



UNTIL SUPPLY LAST

| Type | Size (mm) | Length (mm) | Packing (pcs) / hanging card | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| PH bit | PH0 | 25 | 2 | 125 / 500 | F | **594200025** |
| PH bit | PH1 | 25 | 2 | 125 / 500 | F | **594200125** |
| PH bit | PH3 | 25 | 2 | 125 / 500 | F | **594200325** |
| PH bit | PH3 | 50 | 2 | 125 / 500 | F | **594210350** |
| PH bit | PH4 | 50 | 2 | 125 / 500 | F | **594210450** |

## PZ BIT1/4

3+2 standard +extended 5 YEAR TOTAL WARRANTY



UNTIL SUPPLY LAST

| Type | Size (mm) | Length (mm) | Packing (pcs) / hanging card | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| PZ bit | PZ0 | 25 | 2 | 125 / 500 | F | **594300025** |
| PZ bit | PZ1 | 25 | 2 | 125 / 500 | F | **594300125** |
| PZ bit | PZ3 | 25 | 2 | 125 / 500 | F | **594300325** |
| PZ bit | PZ1 | 50 | 2 | 125 / 500 | F | **594310150** |
| PZ bit | PZ3 | 50 | 2 | 125 / 500 | F | **594310350** |
| PZ bit | PZ4 | 50 | 2 | 125 / 500 | F | **594310450** |

## TORX BIT

3+2 standard +extended 5 YEAR TOTAL WARRANTY



UNTIL SUPPLY LAST

| Type | Size (mm) | Length (mm) | Packing (pcs) / hanging card | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| TORX bit | T4 | 25 | 2 | 125 / 500 | F | **594400425** |
| TORX bit | T5 | 25 | 2 | 125 / 500 | F | **594400525** |
| TORX bit | T6 | 25 | 2 | 125 / 500 | F | **594400625** |
| TORX bit | T7 | 25 | 2 | 125 / 500 | F | **594400725** |
| TORX bit | T8 | 25 | 2 | 125 / 500 | F | **594400825** |
| TORX bit | T9 | 25 | 2 | 125 / 500 | F | **594400925** |
| TORX bit | T10 | 25 | 2 | 125 / 500 | F | **594401025** |
| TORX bit | T15 | 25 | 2 | 125 / 500 | F | **594401525** |
| TORX bit | T20 | 25 | 2 | 125 / 500 | F | **594402025** |
| TORX bit | T25 | 25 | 2 | 125 / 500 | F | **594402525** |
| TORX bit | T27 | 25 | 2 | 125 / 500 | F | **594402725** |
| TORX bit | T30 | 25 | 2 | 125 / 500 | F | **594403025** |
| TORX bit | T40 | 25 | 2 | 125 / 500 | F | **594404025** |

## TORX BIT

3+2 standard +extended 5 YEAR TOTAL WARRANTY



UNTIL SUPPLY LAST

| Type | Size (mm) | Length (mm) | Packing (pcs) / hanging card | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| TORX bit | T10 | 50 | 2 | 125 / 500 | F | **594411050** |
| TORX bit | T15 | 50 | 2 | 125 / 500 | F | **594411550** |
| TORX bit | T20 | 50 | 2 | 125 / 500 | F | **594412050** |
| TORX bit | T25 | 50 | 2 | 125 / 500 | F | **594412550** |
| TORX bit | T27 | 50 | 2 | 125 / 500 | F | **594412750** |
| TORX bit | T40 | 50 | 2 | 125 / 500 | F | **594414050** |

## RACHET HANDLE

3+2 standard +extended 5 YEAR TOTAL WARRANTY



UNTIL SUPPLY LAST

| Type | Size (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|
| Rachet handle | 3/8" | 1 / 6 / 36 | F | **595100038** |

## HEXAGON SOCKET 1/4

3+2 standard +extended 5 YEAR TOTAL WARRANTY



UNTIL SUPPLY LAST

| Type | Size (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|
| 1/4" socket | 4mm | 1 / 14 / 280 | F | **595300040** |
| 1/4" socket | 4.5mm | 1 / 14 / 280 | F | **595300045** |
| 1/4" socket | 5mm | 1 / 14 / 280 | F | **595300050** |
| 1/4" socket | 5.5mm | 1 / 14 / 280 | F | **595300055** |
| 1/4" socket | 6mm | 1 / 14 / 280 | F | **595300060** |
| 1/4" socket | 7mm | 1 / 14 / 280 | F | **595300070** |
| 1/4" socket | 8mm | 1 / 14 / 280 | F | **595300080** |
| 1/4" socket | 9mm | 1 / 14 / 280 | F | **595300090** |
| 1/4" socket | 10mm | 1 / 14 / 280 | F | **595300100** |
| 1/4" socket | 11mm | 1 / 14 / 280 | F | **595300110** |
| 1/4" socket | 12mm | 1 / 14 / 280 | F | **595300120** |
| 1/4" socket | 13mm | 1 / 14 / 280 | F | **595300130** |
| 1/4" socket | 14mm | 1 / 14 / 280 | F | **595300140** |

## HEXAGON SOCKET 3/8

3+2 standard +extended 5 YEAR TOTAL WARRANTY



| Type | Size (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|
| 3/8" socket | 6mm | 1 / 14 / 280 | F | **595400006** |
| 3/8" socket | 7mm | 1 / 14 / 280 | F | **595400007** |
| 3/8" socket | 8mm | 1 / 14 / 280 | F | **595400008** |
| 3/8" socket | 9mm | 1 / 14 / 280 | F | **595400009** |
| 3/8" socket | 10mm | 1 / 14 / 280 | F | **595400010** |
| 3/8" socket | 11mm | 1 / 14 / 280 | F | **595400011** |
| 3/8" socket | 12mm | 1 / 14 / 280 | F | **595400012** |
| 3/8" socket | 13mm | 1 / 12 / 240 | F | **595400013** |
| 3/8" socket | 14mm | 1 / 12 / 240 | F | **595400014** |
| 3/8" socket | 15mm | 1 / 12 / 240 | F | **595400015** |
| 3/8" socket | 16mm | 1 / 12 / 240 | F | **595400016** |
| 3/8" socket | 17mm | 1 / 12 / 240 | F | **595400017** |
| 3/8" socket | 18mm | 1 / 10 / 200 | F | **595400018** |
| 3/8" socket | 19mm | 1 / 10 / 200 | F | **595400019** |
| 3/8" socket | 20mm | 1 / 10 / 200 | F | **595400020** |
| 3/8" socket | 21mm | 1 / 8 / 160 | F | **595400021** |

UNTIL SUPPLY LAST

## HEXAGON SOCKET 1/2

3+2 standard +extended 5 YEAR TOTAL WARRANTY



| Type | Size (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|
| 1/2" socket | 10mm | 1 / 10 / 200 | F | **595500010** |
| 1/2" socket | 11mm | 1 / 10 / 200 | F | **595500011** |
| 1/2" socket | 12mm | 1 / 10 / 200 | F | **595500012** |
| 1/2" socket | 13mm | 1 / 10 / 200 | F | **595500013** |
| 1/2" socket | 14mm | 1 / 10 / 200 | F | **595500014** |
| 1/2" socket | 15mm | 1 / 10 / 200 | F | **595500015** |
| 1/2" socket | 16mm | 1 / 10 / 200 | F | **595500016** |
| 1/2" socket | 17mm | 1 / 8 / 160 | F | **595500017** |
| 1/2" socket | 18mm | 1 / 8 / 160 | F | **595500018** |
| 1/2" socket | 19mm | 1 / 8 / 160 | F | **595500019** |
| 1/2" socket | 20mm | 1 / 8 / 160 | F | **595500020** |
| 1/2" socket | 21mm | 1 / 8 / 160 | F | **595500021** |
| 1/2" socket | 22mm | 1 / 8 / 160 | F | **595500022** |
| 1/2" socket | 23mm | 1 / 6 / 120 | F | **595500023** |
| 1/2" socket | 24mm | 1 / 6 / 120 | F | **595500024** |
| 1/2" socket | 27mm | 1 / 5 / 100 | F | **595500027** |
| 1/2" socket | 30mm | 1 / 4 / 80 | F | **595500030** |
| 1/2" socket | 32mm | 1 / 4 / 80 | F | **595500032** |

UNTIL SUPPLY LAST

## COMBINATION SPANNER

3+2 standard +extended 5 YEAR TOTAL WARRANTY



UNTIL SUPPLY LAST

| Type | Size (mm) | Length (mm) | Offset ring end | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Combination Spanner | 9 | 6,5 | 15º | 1 / 12 / 300 | F | **596200009** |
| Combination Spanner | 11 | 7,5 | 15º | 1 / 12 / 300 | F | **596200011** |
| Combination Spanner | 15 | 9,5 | 15º | 1 / 12 / 180 | F | **596200015** |
| Combination Spanner | 16 | 10,0 | 15º | 1 / 12 / 180 | F | **596200016** |
| Combination Spanner | 18 | 11,0 | 15º | 1 / 12 / 120 | F | **596200018** |
| Combination Spanner | 20 | 12,0 | 15º | 1 / 6 / 120 | F | **596200020** |
| Combination Spanner | 21 | 12,3 | 15º | 1 / 6 / 90 | F | **596200021** |
| Combination Spanner | 22 | 12,5 | 15º | 1 / 6 / 90 | F | **596200022** |
| Combination Spanner | 23 | 12,8 | 15º | 1 / 6 / 90 | F | **596200023** |
| Combination Spanner | 24 | 13,0 | 15º | 1 / 6 / 60 | F | **596200024** |
| Combination Spanner | 27 | 14,5 | 15º | 1 / 6 / 60 | F | **596200027** |

## DOUBLE OPEN SPANNER

3+2 standard +extended 5 YEAR TOTAL WARRANTY



UNTIL SUPPLY LAST

| Type | Size (mm) | Length (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|---|
| Double Open Spanner | 6x7 | 120 | 1 / 12 / 300 | F | **596300067** |
| Double Open Spanner | 8x9 | 140 | 1 / 12 / 300 | F | **596300089** |
| Double Open Spanner | 14x15 | 185 | 1 / 12 / 240 | F | **596301415** |
| Double Open Spanner | 16x17 | 200 | 1 / 12 / 180 | F | **596301617** |
| Double Open Spanner | 18x19 | 220 | 1 / 12 / 180 | F | **596301819** |
| Double Open Spanner | 20x22 | 235 | 1 / 6 / 120 | F | **596302022** |
| Double Open Spanner | 21x23 | 245 | 1 / 6 / 60 | F | **596302123** |
| Double Open Spanner | 25x28 | 270 | 1 / 6 / 48 | F | **596302528** |
| Double Open Spanner | 30x32 | 295 | 1 / 6 / 48 | F | **596303032** |

## DOUBLE OFFSET RING SPANNER

3+2 standard +extended 5 YEAR TOTAL WARRANTY



UNTIL SUPPLY LAST

| Type | Size (mm) | Length (mm) | Offset ring end | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Double Offset Ring Spanner | 6x7 | 165 | 75º | 1 / 12 / 240 | F | **596400067** |
| Double Offset Ring Spanner | 8x9 | 180 | 75º | 1 / 12 / 240 | F | **596400089** |
| Double Offset Ring Spanner | 14x15 | 235 | 75º | 1 / 6 / 150 | F | **596401415** |
| Double Offset Ring Spanner | 16x17 | 250 | 75º | 1 / 6 / 150 | F | **596401617** |
| Double Offset Ring Spanner | 18x19 | 265 | 75º | 1 / 6 / 120 | F | **596401819** |
| Double Offset Ring Spanner | 20x22 | 285 | 75º | 1 / 6 / 60 | F | **596402022** |
| Double Offset Ring Spanner | 21x23 | 305 | 75º | 1 / 6 / 60 | F | **596402123** |
| Double Offset Ring Spanner | 24x27 | 325 | 75º | 1 / 6 / 60 | F | **596402427** |
| Double Offset Ring Spanner | 25x28 | 340 | 75º | 1 / 6 / 30 | F | **596402528** |
| Double Offset Ring Spanner | 30x32 | 375 | 75º | 1 / 6 / 30 | F | **596403032** |



## PLASTIC LEVEL

3+2 standard +extended 5 YEAR TOTAL WARRANTY

Durable acrylic vials read plumb, level, 45°
Top read window for convenience
Rubber end caps for shock-resistant
Highly visible vials with magnetic base

| Type | Length (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|
| Level | 228.6 | 6/36 | C | **598243** |



UNTIL SUPPLY LAST

## LEVEL

3+2 standard +extended 5 YEAR TOTAL WARRANTY

| Type | Size (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|
| Level | 1200 | 1 / 24 | F | **597500120** |



UNTIL SUPPLY LAST

## SAW

3+2 standard +extended 5 YEAR TOTAL WARRANTY

| Type | Size (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|
| Saw | 400 | 1 / 6 / 60 | F | **597200400** |



## 6PC PRECISION SCREWDRIVER SET

Slotted size: 1.4mm, 2.0mm, 2.4mm, 3.0mm
PH size: PH0, PH1
Carbon steel blade with black finish
With chrome plated handle

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| Screwdriver set | 6/36 | C | **598094** |



## 15-IN-1 MULTI-PURPOSE PLIERS

3+2 standard +extended 5 YEAR TOTAL WARRANTY

Precision punched
Machined surface
Stainless steel components
Compact folding design
deal selection for general purpose use

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| Multi pliers | 4/24 | C | **598210** |



## ALLIGATORS CLIPS SETS

| Type | Rated current | Colour | Length (mm) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| F 275 | max 5A | red/ black | 50 | 50 | C | **M500060** |
| F 279 | max 80A | red/ black | 80 | 50 | C | **M500059** |
| L 150 | max 200A | red/ black | 150 | 2 | C | **M411012** |



*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



## CUTTER KNIFE 9MM

Handle material: Plastic PP
Blade material: Steel
Blade size: 83x9x0.4mm;
Color: Yellow
Packaging: Blister card

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| Cutter knife | 1/135/1080 | C | **597300009** |



## CUTTER KNIFE 18MM

Handle material: Plastic PP
Blade material: Steel
Blade size: 100x18x0.5mm;
Color: Blue
Packaging: Blister card

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| E-7229 Cutter knife | 1/50/400 | C | **597300021** |



## CUTTER KNIFE 18MM

Handle material: Plastic PP+TPR
Blade material: SK5
Blade size: 100x18x0.5mm;
Color: Red
Packaging: Blister card

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| E-82087 Cutter knife | 1/36/288 | C | **597300019** |



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## FOLDABLE KNIFE 18MM

Handle material: Plastic PP+TPR
Blade material: SK5(1+5pcs)
Blade size: 60x19x0.5mm;
Color: Yellow
Packaging: Blister card

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| E7002 Foldable knife | 1/12/240 | C | **597300022** |



## ALUMINIUM AUTO-LOCK KNIFE

Handle material: Aluminum Alloy
Blade material: SK5
Blade size: 60x19x0.5mm;
Color: Silver
Packaging: Blister card

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| E-522 Auto- lock knife | 1/36/288 | C | **597300020** |



## ALUMINUM FIXED BLADE UTILITY KNIFE

Razor-sharp tempered SK5 blade
Aluminum alloy housing
Fixed blade for more cutting power
3PC blades included

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| Aluminium utility knife | 6/36 | C | **598201** |



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## KNIFE SPARE BLADES

| Type | Size (mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|
| Knife spare blades | 9 | 10 / 40 / 600 | C | **597310009** |
| Knife spare blades | 18 | 1/20/400 | C | **597310018** |



## HAMMER WITH HARDWOOD HANDLE

Drop forged carbon steel
Fully heat treated & polished head

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| Hammer 300gr | 6/36 | C | **598230** |
| Hammer 500gr | 6/36 | C | **598231** |



## 5PC DIAMOND NEEDLE FILE SET

Fine diamond grit
Perfect for machinists, gunsmiths, jewelers and hobbyists
Size: 3x140mm, 150 grit
Dipped grip handle

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| Needle file | 6/24 | C | **598232** |



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## 3-IN-1 STAPLE GUN SET

3+2 standard +extended 5 YEAR TOTAL WARRANTY

1PC staple gun
500PC 8x1.2x11.3mm staples
500PC 12mm staples
500PC 14mm nails
1PC handy storage case

| Type | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|
| Staple gun | 6 | C | **598246** |



## MAGNETIC TAPE MEASURE E-240 SERIES

| Type | Tape sizes (m/mm) | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|
| E-240/319 Tape measure | 3x19 | 1/10/200 | C | **598247** |
| E-240/519 Tape measure | 5x19 | 1/10/200 | C | **598248** |
| E-240/525 Tape measure | 5x25 | 1/10/100 | C | **598249** |




## CHROME PLATING TAPE MEASURE

| Type | Tape Length | Packing (pcs) / carton | Product category | Catalogue number |
|---|---|---|---|---|
| Tape measure | 5m | 4/24 | C | **598241** |



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**Metal**

## CUTTING DISC FOR METAL

Ø - Outer disc diameter (mm)
D1 - Inner disc diameter (mm)
D2 - Disc width (mm)

| Ø (mm) | D1 (mm) | D2 (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| 115 | 22.2 | 1.0 | 10/400 | C | **M516300** |
| 115 | 22.2 | 1.6 | 10/400 | C | **M516301** |
| 125 | 22.2 | 1.0 | 10/400 | C | **M516302** |
| 125 | 22.2 | 1.6 | 1/400 | C | **M516303** |
| 125 | 22.2 | 3.2 | 5/200 | C | **M516211** |
| 180 | 22.2 | 3.2 | 5/100 | C | **M516212** |
| 230 | 22.2 | 3.2 | 5/100 | C | **M516213** |




**Metal** **Inox**

## CUTTING DISC METAL A60T INOX

Ø - Outer disc diameter (mm)
D1 - Inner disc diameter (mm)
D2 - Disc width (mm)

| Ø (mm) | D1 (mm) | D2 (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| 115 | 22.2 | 1.0 | 25/400 | C | **M516304** |
| 125 | 22.2 | 1.0 | 25/400 | C | **M516305** |




**Metal**

## GRINDING DISC

Ø - Outer disc diameter (mm)
D1 - Inner disc diameter (mm)
D2 - Disc width (mm)

| Ø (mm) | D1 (mm) | D2 (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| 115 | 22.2 | 6 | 25/200 | C | **M516219** |
| 125 | 22.2 | 6 | 25/100 | C | **M516220** |
| 180 | 22.2 | 6 | 25/100 | C | **M516307** |
| 230 | 22.2 | 6 | 25/50 | C | **M516308** |

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**Metal**

## TWIST KNOT WIRE WHEEL BRUSH FOR ANGLE GRINDERS

Ø - Outer disc diameter (mm)
D1 - Inner disc diameter (mm)

| Ø (mm) | D1 (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| 100 | 22.2 | 1/100 | C | **M516050** |
| 150 | 22.2 | 1/40 | C | **M516068** |




**Stone**

## CUTTING DISC STONE

Ø - Outer disc diameter (mm)
D1 - Inner disc diameter (mm)
D2 - Disc width (mm)

| Ø (mm) | D1 (mm) | D2 (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| 115 | 22.2 | 3.2 | 5/400 | C | **M516216** |
| 125 | 22.2 | 3.2 | 25/200 | C | **M516306** |
| 180 | 22.2 | 3.2 | 5/100 | C | **M516217** |
| 230 | 22.2 | 3.2 | 5/100 | C | **M516218** |




**Concrete** **Bricks** **Faience**

## DIAMOND CUTTING DISC WET

Ø - Outer disc diameter (mm)
D1 - Inner disc diameter (mm)

| Ø (mm) | D1 (mm) | D2 (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| 115 | 22.2 | 7 | 10/100 | C | **M516309** |
| 125 | 22.2 | 7 | 10/100 | C | **M516310** |



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**Concrete** **Bricks** **Faience**

## DIAMOND CUTTING DISC TURBO

Ø - Outer disc diameter (mm); D1 - Inner disc diameter (mm); D2 - Disc width (mm)

| Ø (mm) | D1 (mm) | D2 (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| 115 | 22.2 | 7 | 10/100 | C | **M516311** |
| 125 | 22.2 | 7 | 10/100 | C | **M516312** |



**Metal** **Wood** **Stone**

## FLAP DISC

Ø - Outer disc diameter (mm); D1 - Inner disc diameter (mm)

| Ø (mm) | D1 (mm) | Grit | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| 125 | 22.2 | A-60 | 50/100 | C | **M516169** |
| 125 | 22.2 | A-80 | 50/100 | C | **M516313** |
| 125 | 22.2 | A-120 | 50/100 | C | **M516171** |



**Metal**

## TWIST KNOT WIRE CUP BRUSH FOR ANGLE GRINDERS

Ø - Outer disc diameter (mm)

| Ø (mm) | Nut size | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| 100 | M14x2 | 1/60 | C | **M516256** |



**Metal**

## DRILL TWIST KNOT WIRE CUP BRUSH WITH SHANK

Ø - Outer disc diameter (mm); Ø S - Shank size (mm)

| Ø (mm) | Ø S (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| 75 | 6 | 30/120 | C | **M516314** |



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**Wood**

## HOLE CUTTERS SET

Ø - Outer disc diameter (mm)
7 pcs SET

| Ø (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| 26-63 | 10/60 | C | **M516013** |



**Concrete**

## CORE CUTTERS FOR DRILL

Ø - Outer disc diameter (mm)

| Ø (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| 65 | 5/20 | C | **M516148** |
| 85 | 4/20 | C | **M516315** |

## ARBOR & PILOT DRILL SDS PLUS FOR CORE CUTTERS



| Length (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| 170 | 4/20 | C | **M516147** |



**Wood**

## BRAD POINT DRILL FOR WOOD

Ø - Drill bit diameter (mm)
5 pcs SET

| Ø (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| 4; 5; 6; 8; 10 | 5/100 | C | **M516370** |

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## Metal

## DRILL BITS FOR METAL

Ø - Drill bit diameter (mm)
L1- Total length (mm)
L1- Working length (mm)
DIN 338
HSS 4241

| Ø (mm) | L1 (mm) | L2 (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| 1.0 | 34 | 12 | 2/150/300 | C | **M516316** |
| 1.5 | 40 | 18 | 2/150/300 | C | **M516317** |
| 2.0 | 49 | 24 | 2/150/300 | C | **M516318** |
| 2.5 | 57 | 30 | 2/150/300 | C | **M516319** |
| 3.0 | 61 | 33 | 2/150/300 | C | **M516320** |
| 3.2 | 65 | 36 | 2/150/300 | C | **M516321** |
| 3.5 | 70 | 39 | 2/150/300 | C | **M516322** |
| 4.0 | 75 | 43 | 2/150/300 | C | **M516323** |
| 4.2 | 75 | 43 | 1/150/300 | C | **M516324** |
| 4.5 | 80 | 47 | 1/150/300 | C | **M516325** |
| 5.0 | 86 | 52 | 1/150/300 | C | **M516326** |
| 6.0 | 93 | 57 | 1/150/300 | C | **M516327** |
| 6.5 | 101 | 63 | 1/90/180 | C | **M516328** |
| 7.0 | 109 | 69 | 1/90/180 | C | **M516329** |
| 8.0 | 117 | 75 | 1/90/180 | C | **M516330** |
| 10.0 | 133 | 87 | 1/60/120 | C | **M516331** |
| 12.0 | 151 | 101 | 1/10/50 | C | **M516332** |





## Concrete

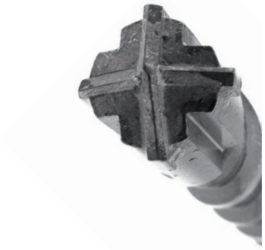
## MASONRY DRILL BITS

Ø - Drill bit diameter (mm)
L1- Total length (mm)
L1- Working length (mm)
DIN 8039
U-type flute

| Ø (mm) | L1 (mm) | L2 (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| 3.0 | 60 | 30 | 150/300 | C | **M516340** |
| 4.0 | 75 | 40 | 150/300 | C | **M516341** |
| 5.0 | 85 | 50 | 150/300 | C | **M516342** |
| 6.0 | 100 | 60 | 150/300 | C | **M516343** |
| 8.0 | 120 | 80 | 90/180 | C | **M516344** |
| 10.0 | 150 | 90 | 60/120 | C | **M516345** |

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**Concrete**

## CROSS HEAD DRILLS SDS-PLUS

Ø - Drill bit diameter (mm)
L1- Total length (mm)
L1- Working length (mm)
DIN 8035

| Ø (mm) | L1 (mm) | L2 (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| 6.0 | 110 | 30 | 10/200 | C | **M516350** |
| 6.0 | 160 | 40 | 10/200 | C | **M516351** |
| 6.0 | 210 | 50 | 10/200 | C | **M516352** |
| 6.5 | 260 | 200 | 10/200 | C | **M516353** |
| 8.0 | 110 | 50 | 10/200 | C | **M516354** |
| 8.0 | 160 | 100 | 10/200 | C | **M516355** |
| 8.0 | 210 | 150 | 10/200 | C | **M516356** |
| 8.0 | 350 | 300 | 10/100 | C | **M516357** |
| 10.0 | 160 | 100 | 10/200 | C | **M516358** |
| 10.0 | 260 | 200 | 10/200 | C | **M516359** |
| 10.0 | 450 | 400 | 10/50 | C | **M516360** |
| 12.0 | 210 | 150 | 10/200 | C | **M516361** |
| 12.0 | 450 | 400 | 10/50 | C | **M516362** |



## SOLDERING GUN

2+0 standard +extended 2 YEAR TOTAL WARRANTY

With LED light

| Power (W) | Temperature range | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| 100 | 600°C | 1/24 | C | **M516375** |



## SOLDERING IRON

2+0 standard +extended 2 YEAR TOTAL WARRANTY

Cable Length: 1.2m

| Power (W) | Heating time | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| 30 | 3 min | 10/100 | C | **M032053** |
| 60 | 3 min | 10/100 | C | **M032054** |

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## TIN ABSORBTION PUMP

| Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|
| 1/150 | C | **M516380** |



## SOLDER WIRE

| Solder Alloy | External diameter (mm) | Melting temp. | Weigh | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Sn-60%; PB-40% | 1 | 180°C | 200g | 20/120 | C | **M516072** |



## ROSIN

It serves to degrease the soldering parts and the soldering tip of the soldering iron | Facilitates the flow of solder | Increases efficiency of the soldering process

| Weight (gr) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| 50 | 1 | C | **M500632** |



## HOT MELT GLUE GUN

2+0 standard +extended 2 YEAR TOTAL WARRANTY

| Power (W) | Temperature range | Silicone pipe diameter | Heating time | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| 100 | 18-200°C | 11mm | 4-5min | 6/24 | C | **M516385** |



## GLUE STICKS SET FOR GLUE GUNS

10 pcs SET

| Ø (mm) | Length (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| 11 | 200 | 10 | C | **M516386** |

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## KNITTED WORK GLOVES PLOVER

Seamless knitted gloves white polyester/cotton elastic cuff, palm and fingers with PVC dots.

| Model | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| PLOVER | white/blue | 10/100 | C | **M081001** |



## WORK GLOVES SPARROW

Gaude white polyester, nitrile dipped.

| Model | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| SPARROW | white/red | 10/100 | C | **M081014** |



## WORK GLOVES AUK

Seamless knit, nylon/cotton, white colour

| Model | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| AUK | white | 10/100 | C | **M081015** |



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## PARTICULATE RESPIRATOR AFFINITY PLUS FFP1 VD



Protects against dust, aqueous and solid aerosols | Suitable for - wood working, glass production, textile production, mining, construction works | Protection level - FFP1

| Model | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| FFP1 VD | white | 10/100 | C | **M081019** |

## VERTICALLY FOLDING RESPIRATORY MASK FFP1



Protects against solid non-toxic particles and aqueous aerosols | Suitable for - wood working, glass production, textile production, mining, construction works | Protection level - FFP1

| Model | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| 2111 FFP1 NR D | white | 10/100 | C | **M081086** |

## GOGGLES POLYCARBONATE VS170



Protective spectacles with polycarbonate visor, adjustable frames, mechanical protection against particles with low energy

| Model | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| VS 170 2266-00 | white | 10/100 | C | **M081010** |

## GOGGLES POLYCARBONATE VS170



Glasses with polycarbonate visor, against acid splashes and dust, with indirect ventilation

| Model | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| 2203-00 | white | 10/100 | C | **M081091** |



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## PLASTIC ORGANIZER WITH DIVIDERS

2+0 standard +extended 2 YEAR TOTAL WARRANTY



| Section | Colour | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| 8 | Red | 165 | 140 | 35 | 1 | C | **M16654432** |
| 8 | Black | 303 | 180 | 50 | 1 | C | **M16654434** |
| 12 | Red | 265 | 155 | 40 | 1 | C | **M16654433** |

## PLASTIC ORGANIZER WITH DIVIDERS

2+0 standard +extended 2 YEAR TOTAL WARRANTY



| Section | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| 3x11 | 315 | 140 | 210 | 1 | C | **M16654400** |

## PLASTIC TOOL BOX WITH ORGANIZER

2+0 standard +extended 2 YEAR TOTAL WARRANTY



| Model | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| 13" | 320 | 160 | 130 | 1 | C | **M16654420** |
| 16" | 400 | 200 | 175 | 1 | C | **M16654421** |
| 19" | 480 | 255 | 230 | 1 | C | **M16654422** |
| 22" | 555 | 295 | 265 | 1 | C | **M16654423** |



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## BATTERIES




| Reference IEC | Type | Serie | Voltage (V) | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| LR03 | AAA | High energy | 1.5 | 10.5 | 44.5 | 1/4 | C | **M070125** |
| LR03 | AAA | Max tech | 1.5 | 10.5 | 44.5 | 1/4 | C | **M070261** |
| LR6 | AA | High energy | 1.5 | 14.5 | 50.5 | 1/4 | C | **M070117** |
| LR6 | AA | Max tech | 1.5 | 14.5 | 50.5 | 1/4 | C | **M070257** |

## BATTERIES



M070284



M070110



M070057

| Reference IEC | Type | Serie | Voltage (V) | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| LR1 | | Professional electronic | 1.5 | 12 | 30.2 | 1/1 | C | **M070284** |
| LR14 | C | Long Life | 1.5 | 26.2 | 50 | 1/2 | C | **M070087** |
| LR20 | D | Long Life | 1.5 | 34.2 | 61.5 | 1/2 | C | **M070113** |
| 3R12 | 4.5V | Super Life | 4.5 | | 67 | 1/1 | C | **M070057** |
| LR22 | 9V | Long Life | 9 | | 48.5 | 1/1 | C | **M070110** |

## BATTERIES



M070236

| Reference IEC | Type | Serie | Voltage (V) | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| 8LR932 | A23 GA | Professional electronic | 12 | 10.3 | 8.5 | 1/1 | C | **M070236** |
| V27A | A27 GA | Professional electronic | 12 | 7.7 | 28.2 | 1/1 | C | **M070132** |

## BATTERIES




| Reference IEC | Type | Serie | Voltage (V) | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| DL2016 | CR2016 | Professional electronic | 3 | 20 | 1.6 | 1/1 | C | **M070011** |
| DL2025 | CR2025 | Professional electronic | 3 | 20 | 2.5 | 1/1 | C | **M070220** |
| DL2032 | CR2032 | Professional electronic | 3 | 20 | 3.2 | 1/1 | C | **M070221** |
| LR44 | V 13 GA | Professional electronic | 1.5 | 11.6 | 5.4 | 1/1 | C | **M070259** |

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## ALUMINIUM LIGHT BAR

1+0 standard +extended 1 YEAR TOTAL WARRANTY

**TECHNICAL DATA:**
- LED 3Watt COB
- Material: Aluminium
- Size: 159x32x18mm
- Battery Type: 3xAAA
- Light Mode: On/Off
- Other: With Two Magnets & Velcro Strip

| Model | Description | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| E-4116 | Light Bar | Silver | 1/100 | C | **100166** |



## WORK LIGHT WITH ROTARY BASE

1+0 standard +extended 1 YEAR TOTAL WARRANTY

**TECHNICAL DATA:**
- LED 3Watt COB
- Lumens: 200lm
- Material: Plastic
- Size: 130x68x39mm
- Battery Type: 3xAAA
- Light Mode: On/Off
- Other: With Two Strong Magnet on Swivel Holder | With 360° Rotary Dividual Pocket Clip and 360° Swivel Holder

| Model | Description | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| E-5542 | Work Light | Green | 1/100 | C | **100169/G** |
| E-5542 | Work Light | Yellow | 1/100 | C | **100169/Y** |



## PIVOT WORK LIGHT WITH MAGNETIC BASE

1+0 standard +extended 1 YEAR TOTAL WARRANTY

**TECHNICAL DATA:**
- LED 3Watt COB
- Lumens: 240lm
- Material: Rubber Coated
- Size: 87x55x95mm
- Battery Type: 3xAA
- Light Mode: On/Off
- Other: With 360° Rotary Pivot Base | With strong magnet on bottom

| Model | Description | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| E-5503 | Pivot Work Light | Black | 1/50 | C | **100167** |



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## ALUMINIUM WORK LIGHT

1+0 standard +extended 1 YEAR TOTAL WARRANTY

**TECHNICAL DATA:**
- LED 3Watt COB
- Lumens: 200lm
- Material: Aluminium
- Size: 162x25x15mm
- Battery Type: 3xAAA
- Light Mode: On/Off
- Other: With Strong Magnet in Swivel Hook

| Model | Description | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| E-5545 | Work Light | Black | 1/100 | C | **100168** |



## ZOOM FLASHLIGHT

1+0 standard +extended 1 YEAR TOTAL WARRANTY

**TECHNICAL DATA:**
- LED 1Watt
- Material: Rubber Coated
- Size: 115x34mm
- Battery Type: 3xAAA
- Light Mode: On/Off
- Other: Handstrap; Telescopic (ZOOM)

| Model | Description | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| E-6605 | Flashlight | Black | 1/100 | C | **100172** |



## ZOOM FLASHLIGHT

1+0 standard +extended 1 YEAR TOTAL WARRANTY

**TECHNICAL DATA:**
- LED Type: CREE XPE
- Lumens: 200lm
- Material: Aluminium
- Size: 150x33mm
- Battery Type: 3xAAA
- Light Mode: High/Low/Strobe/Off
- Light Distance: Zoom in-250Meters / Zoom Out-100Meters
- Other: Handstrap

| Model | Description | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| E-1171 | Flashlight | Black | 1/50 | C | **100173** |



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## HANDY SPOT FLASHLIGHT RECHARGEABLE

1+0 standard +extended 1 YEAR TOTAL WARRANTY

**TECHNICAL DATA:**
- 7LED
- Material: Plastic
- Size: 150x70x70mm
- Battery Type: Rechargeable battery
- Light Mode: On/Off
- Other: Direct Charge

| Model | Description | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| E-6630 | Flashlight | Black & Yellow | 1/50 | C | **100174** |



## MINI KEY LIGHT

1+0 standard +extended 1 YEAR TOTAL WARRANTY

**TECHNICAL DATA:**
- LED 1.5W COB
- Material: Plastic
- Size: 71x34x21mm
- Battery Type: 2xCR2032)
- Light Mode: High/Low/Flash/Off
- Other: Strong Back Magnet; Colourful Carabiner

| Model | Description | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| E-5903 | Flashlight | Blue | 1/100 | C | **100176/B** |
| E-5903 | Flashlight | Black | 1/100 | C | **100176/BL** |



## BULB SHAPE PULL LIGHT

1+0 standard +extended 1 YEAR TOTAL WARRANTY

**TECHNICAL DATA:**
- LED 1W
- Material: Plastic
- Size: 55x55x160mm
- Battery Type: 3xAAA
- Light Mode: On/Off

| Model | Description | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| E-6621 | Pull Light | Blue | 1/100 | C | **100175/B** |
| E-6621 | Pull Light | Black | 1/100 | C | **100175/BL** |
| E-6621 | Pull Light | Pink | 1/100 | C | **100175/P** |
| E-6621 | Pull Light | Red | 1/100 | C | **100175/R** |

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## HEADLAMP

1+0 standard +extended 1 YEAR TOTAL WARRANTY



**TECHNICAL DATA:**
- LED 3W COB
- Lumens: 200lm
- Size: 60x42x34mm
- Battery Type: 3xAAA
- Light Mode: High/Low/Strobe/Off

| Model | Description | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| E-3645 | Headlamp | Black | 1/100 | C | **100170** |

## ZOOM HEADLAMP

1+0 standard +extended 1 YEAR TOTAL WARRANTY



**TECHNICAL DATA:**
- 1xXML T6 + 2xCREE XPE
- Lumens: 1200lm
- Size: 59x43mm
- Battery Type: 4xAA
- Light Mode: 1xT6 On/ 2 Sides XPE On/ All On/ All Strobe/ OFF

| Model | Description | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| E-3396 | Zoom Headlamp | Black | 1/50 | C | **100171** |



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## TWINFAST THREAD SCREWS FOR DRYWALLS

- For fixings of drywall panels of standard density
- Needle S point: it drills directly metals up to 0.8 mm thick.
- 60° tapping thread.
- Coverings: Phosphated. This covering enables the adherence of the filler putty to the head of the screw.

| Material to be fixed | Outer thread diameter (mm) | Length (mm) | Recess | Point | Thread | Packing/ Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| Plasterboard & metal | 3.5 | 25 | PH2 | needle | twinfast | 1000 | C | **M317172** |
| Plasterboard & metal | 3.5 | 35 | PH2 | needle | twinfast | 1000 | C | **M317173** |
| Plasterboard & metal | 3.5 | 45 | PH2 | needle | twinfast | 1000 | C | **M317174** |

Application: Fixing of plasterboards or isolation panels to metallic profiles of 0.8 mm maximum thickness.



## COARSE THREAD SCREWS FOR DRYWALLS

- S needle point: it allows penetrating in soft materials and in metallic materials up to 0.8 mm thickness.
- Covering: phosphated
- Coarse thread: it allows a faster installation.

| Material to be fixed | Outer thread diameter (mm) | Length (mm) | Recess | Point | Thread | Packing/ Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| Plasterboard | 3.5 | 25 | PH2 | needle | coarse | 1000 | C | **M317259** |
| Plasterboard | 3.5 | 35 | PH2 | needle | coarse | 1000 | C | **M317169** |
| Plasterboard | 3.5 | 45 | PH2 | needle | coarse | 1000 | C | **M317170** |

Applications: with double pitch thread, for the proper fixing of plasterboards together or plasterboards to wood.



## SELFDRILLING SCREWS FOR DRYWALLS



- Selfdrilling point and tapping thread: for use in metallic materials without pilot hole, up to 3 mm thick.
- Covering: phosphated

| Material to be fixed | Outer thread diameter (mm) | Length (mm) | Recess | Point | Thread | Packing/ Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| Plasterboard & metal | 3.5 | 25 | PH2 | selfdrilling | tapping | 1000 | C | **M317300** |
| Plasterboard & metal | 3.5 | 35 | PH2 | selfdrilling | tapping | 1000 | C | **M317301** |
| Plasterboard & metal | 3.5 | 45 | PH2 | selfdrilling | tapping | 1000 | C | **M317302** |

"Application: fixing of plaster boards or isolation panels to metallic profiles of 0.8 - 3.0 mm thickness."



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## SELF DRILLING SCREW WITH TRUSS WASHER HEAD



- Selfdrilling point and tapping thread: for use in metallic materials without pilot hole
- Covering: Zn

| Material to be fixed | Outer thread diameter (mm) | Length (mm) | Recess | Point | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| Metal | 4.2 | 13 | PH2 | selfdrilling | 1000 | C | **M317134** |
| Metal | 4.2 | 16 | PH2 | selfdrilling | 1000 | C | **M317135** |
| Metal | 4.2 | 19 | PH2 | selfdrilling | 1000 | C | **M317231** |
| Metal | 4.2 | 25 | PH2 | selfdrilling | 1000 | C | **M317303** |

Application: for metal

## DRYWALL SCREW WITH WAFER HEAD AND TWINFAST THREAD



- Material: Carbon steel
- Covering: phosphated

| Material to be fixed | Outer thread diameter (mm) | Length (mm) | Recess | Point | Thread | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| Metal | 4.2 | 13 | PH2 | needle | twinfast | 1000 | C | **M317230** |
| Metal | 4.2 | 16 | PH2 | needle | twinfast | 1000 | C | **M317241** |
| Metal | 4.2 | 19 | PH2 | needle | twinfast | 1000 | C | **M317313** |
| Metal | 4.2 | 25 | PH2 | needle | twinfast | 1000 | C | **M317314** |

Application: For laminated and metal profiles

## CONCRETE SCREW FOR DIRECT MOUNTING



- Material: Carbon steel
- Covering: Zn

| Outer thread diameter (mm) | Length (mm) | Recess | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| 7.5 | 72 | TX30 | 100 | C | **M317136** |
| 7.5 | 92 | TX30 | 100 | C | **M317137** |
| 7.5 | 112 | TX30 | 100 | C | **M317206** |
| 7.5 | 132 | TX30 | 100 | C | **M317139** |

Application: Suitable for installation of PVC and wooden frames, door frames to concrete or solid brick

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## CHIPBOARD (WOOD) SCREW

- Fully threaded
- Covering: Zn

| Material to be fixed | Outer thread diameter (mm) | Length (mm) | Recess | Point | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| Wood & Chipboard | 3.5 | 16 | PZ2 | needle | 1000 | C | **M317001** |
| Wood & Chipboard | 3.5 | 20 | PZ2 | needle | 1000 | C | **M317003** |
| Wood & Chipboard | 3.5 | 25 | PZ2 | needle | 1000 | C | **M317004** |
| Wood & Chipboard | 3.5 | 30 | PZ2 | needle | 1000 | C | **M317005** |
| Wood & Chipboard | 3.5 | 35 | PZ2 | needle | 1000 | C | **M317006** |
| Wood & Chipboard | 3.5 | 40 | PZ2 | needle | 1000 | C | **M317007** |
| Wood & Chipboard | 4.0 | 20 | PZ2 | needle | 1000 | C | **M317012** |
| Wood & Chipboard | 4.0 | 25 | PZ2 | needle | 1000 | C | **M317013** |
| Wood & Chipboard | 4.0 | 30 | PZ2 | needle | 1000 | C | **M317015** |
| Wood & Chipboard | 4.0 | 35 | PZ2 | needle | 500 | C | **M317014** |
| Wood & Chipboard | 4.0 | 40 | PZ2 | needle | 500 | C | **M317016** |
| Wood & Chipboard | 4.0 | 50 | PZ2 | needle | 500 | C | **M317209** |
| Wood & Chipboard | 4.0 | 60 | PZ2 | needle | 500 | C | **M317210** |
| Wood & Chipboard | 4.5 | 25 | PZ2 | needle | 1000 | C | **M317304** |
| Wood & Chipboard | 4.5 | 30 | PZ2 | needle | 1000 | C | **M317020** |
| Wood & Chipboard | 4.5 | 35 | PZ2 | needle | 1000 | C | **M317021** |
| Wood & Chipboard | 4.5 | 40 | PZ2 | needle | 500 | C | **M317305** |
| Wood & Chipboard | 4.5 | 50 | PZ2 | needle | 500 | C | **M317022** |
| Wood & Chipboard | 4.5 | 60 | PZ2 | needle | 500 | C | **M317023** |
| Wood & Chipboard | 5.0 | 30 | PZ2 | needle | 1000 | C | **M317028** |
| Wood & Chipboard | 5.0 | 40 | PZ2 | needle | 500 | C | **M317030** |
| Wood & Chipboard | 5.0 | 50 | PZ2 | needle | 500 | C | **M317032** |
| Wood & Chipboard | 5.0 | 60 | PZ2 | needle | 250 | C | **M317033** |
| Wood & Chipboard | 5.0 | 70 | PZ2 | needle | 250 | C | **M317048** |
| Wood & Chipboard | 5.0 | 80 | PZ2 | needle | 250 | C | **M317034** |
| Wood & Chipboard | 6.0 | 50 | PZ3 | needle | 250 | C | **M317242** |
| Wood & Chipboard | 6.0 | 60 | PZ3 | needle | 250 | C | **M317040** |
| Wood & Chipboard | 6.0 | 70 | PZ3 | needle | 250 | C | **M317041** |
| Wood & Chipboard | 6.0 | 80 | PZ3 | needle | 250 | C | **M317042** |



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## SELF DRILLING SCREW WITH HEXAGON HEAD AND EPDM WASHER

- Material: Carbon steel
- Covering: Zn

| Material to be fixed | Outer thread diameter (mm) | Length (mm) | Point | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Metal | 4.8 | 19 | selfdrilling | 1000 | C | **M317306** |
| Metal | 4.8 | 25 | selfdrilling | 500 | C | **M317243** |
| Metal | 4.8 | 32 | selfdrilling | 500 | C | **M317126** |
| Metal | 5.5 | 25 | selfdrilling | 500 | C | **M317127** |
| Metal | 5.5 | 32 | selfdrilling | 500 | C | **M317307** |
| Metal | 5.5 | 38 | selfdrilling | 500 | C | **M317308** |
| Metal | 5.5 | 50 | selfdrilling | 500 | C | **M317309** |
| Metal | 6.3 | 25 | selfdrilling | 500 | C | **M317130** |
| Metal | 6.3 | 32 | selfdrilling | 500 | C | **M317310** |
| Metal | 6.3 | 38 | selfdrilling | 500 | C | **M317131** |
| Metal | 6.3 | 50 | selfdrilling | 250 | C | **M317311** |
| Metal | 6.3 | 60 | selfdrilling | 250 | C | **M317312** |

Application: Sheet metal to steel construction



## HEXAGON HEAD SCREWS FULLY THREADED

- Material: Carbon steel
- Covering: Zn

| Thread | Length (mm) | Grade | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| M6 | 16 | 5.6 | 500 | C | **M317064** |
| M6 | 20 | 5.6 | 500 | C | **M317065** |
| M6 | 25 | 5.6 | 500 | C | **M317066** |
| M6 | 30 | 5.6 | 500 | C | **M317067** |
| M8 | 20 | 5.6 | 200 | C | **M317073** |
| M8 | 25 | 5.6 | 200 | C | **M317074** |
| M8 | 30 | 5.6 | 200 | C | **M317075** |
| M8 | 40 | 5.6 | 200 | C | **M317076** |
| M10 | 30 | 5.6 | 200 | C | **M317080** |
| M10 | 40 | 5.6 | 100 | C | **M317081** |
| M10 | 50 | 5.6 | 100 | C | **M317082** |



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## CARRIAGE BOLT

- Material: Carbon steel
- Covering: Zn

| Thread | Length (mm) | Grade | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| M6 | 20 | 5.6 | 500 | C | **M317315** |
| M6 | 30 | 5.6 | 500 | C | **M317316** |
| M6 | 40 | 5.6 | 200 | C | **M317317** |
| M6 | 50 | 5.6 | 200 | C | **M317318** |
| M6 | 60 | 5.6 | 200 | C | **M317319** |
| M6 | 70 | 5.6 | 200 | C | **M317320** |
| M6 | 80 | 5.6 | 200 | C | **M317321** |
| M8 | 30 | 5.6 | 200 | C | **M317322** |
| M8 | 40 | 5.6 | 200 | C | **M317323** |
| M8 | 50 | 5.6 | 200 | C | **M317324** |
| M8 | 60 | 5.6 | 200 | C | **M317325** |
| M8 | 70 | 5.6 | 200 | C | **M317326** |
| M8 | 80 | 5.6 | 200 | C | **M317327** |



## HEXAGON NUT

- Material: Carbon steel
- Covering: Zn

| Thread | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| M6 | 1000 | C | **M317152** |
| M8 | 1000 | C | **M317153** |
| M10 | 1000 | C | **M317154** |



## LOCK NUT

- Material: Carbon steel
- Covering: Zn

| Thread | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| M6 | 1000 | C | **M317145** |
| M8 | 500 | C | **M317146** |
| M10 | 500 | C | **M317147** |



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## FLAT WASHER



- Material: Carbon steel
- Covering: Zn

| Thread | Diameter 1 (mm) | Diameter 2 (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| M6 | 6.4 | 12 | 1000 | C | **M517076** |
| M8 | 8.4 | 16 | 1000 | C | **M317216** |
| M10 | 10.5 | 20 | 1000 | C | **M317217** |

## LARGE FLAT WASHER



- Material: Carbon steel
- Covering: Zn

| Thread | Diameter 1 (mm) | Diameter 2 (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| M6 | 6.4 | 18 | 2500 | C | **M317236** |
| M8 | 8.4 | 24 | 500 | C | **M517203** |
| M10 | 10.5 | 30 | 250 | C | **M317328** |

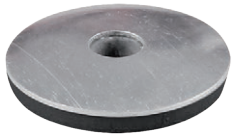
## SPRING-LOCK WASHER



- Material: Carbon steel
- Covering: Zn

| Thread | Diameter 1 (mm) | Diameter 2 (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| M6 | 6.1 | 11.8 | 1000 | C | **M317162** |
| M8 | 8.1 | 14.8 | 1000 | C | **M317163** |
| M10 | 10.2 | 18.1 | 1000 | C | **M317164** |

## EPDM WASHER



- Material: Carbon steel
- Covering: Zn

| For screw with diameter (mm) | Diameter 1 (mm) | Diameter 2 (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| 4.8 | 5.3 | 16 | 500 | C | **M317329** |
| 4.8 | 5.3 | 19 | 500 | C | **M317330** |
| 5.5 | 5.8 | 16 | 500 | C | **M317331** |
| 5.5 | 5.8 | 19 | 500 | C | **M317332** |

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## DROP IN ANCHOR

- Material: Galvanized steel
- Covering: Zn

| Thread | Length (mm) | Drill diameter (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| M6 | 25 | 8 | 100 | C | **M517233** |
| M8 | 30 | 10 | 100 | C | **M517234** |
| M10 | 40 | 12 | 50 | C | **M517235** |

Application: For fixing in concrete and hard materials



## SLEEVE ANCHOR

- Material: Galvanized steel
- Covering: Zn

| Thread | Length (mm) | Drill diameter (mm) | Grade | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| M6 | 45 | 8 | 6.8 | 100 | C | **M517207** |
| M6 | 60 | 8 | 6.8 | 100 | C | **M517208** |
| M8 | 60 | 10 | 6.8 | 100 | C | **M517209** |
| M8 | 80 | 10 | 6.8 | 100 | C | **M517210** |
| M10 | 70 | 12 | 6.8 | 50 | C | **M517211** |
| M10 | 100 | 12 | 6.8 | 25 | C | **M517212** |

Application: For fixing in concrete and solid materials



## HEX NUT ANCHOR

- Material: Galvanized steel
- Covering: Zn

| Thread | Length (mm) | Drill diameter (mm) | Grade | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| M6 | 45 | 8 | 6.8 | 100 | C | **M517213** |
| M8 | 60 | 10 | 6.8 | 100 | C | **M517214** |
| M8 | 80 | 10 | 6.8 | 50 | C | **M517215** |
| M10 | 70 | 12 | 6.8 | 50 | C | **M517216** |
| M10 | 100 | 12 | 6.8 | 25 | C | **M517217** |

Application: For fixing in concrete and solid materials



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## THROUGH BOLT ANCHOR

- Material: Carbon steel
- Covering: Zn

| Thread | Length (mm) | Drill diameter (mm) | Grade | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| M8 | 75 | 10 | 6.8 | 100 | C | **M517224** |
| M8 | 90 | 10 | 6.8 | 100 | C | **M517225** |
| M8 | 115 | 10 | 6.8 | 50 | C | **M517226** |
| M10 | 90 | 12 | 6.8 | 50 | C | **M517227** |
| M10 | 120 | 12 | 6.8 | 25 | C | **M517228** |
| M10 | 150 | 12 | 6.8 | 25 | C | **M517229** |
| M12 | 90 | 14 | 6.8 | 25 | C | **M517230** |
| M12 | 110 | 14 | 6.8 | 25 | C | **M517231** |
| M12 | 140 | 14 | 6.8 | 25 | C | **M517232** |

Application: Non-cracked concrete and hard materials. Attaching structural steel, facade, hand rails, racks, elevators, etc.



## EYE ANCHOR BOLT

- Material: Galvanized steel
- Covering: Zn

| Thread | Length (mm) | Drill diameter (mm) | Grade | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| M6 | 45 | 8 | 6.8 | 100 | C | **M517218** |
| M8 | 60 | 10 | 6.8 | 50 | C | **M517219** |
| M10 | 70 | 12 | 6.8 | 25 | C | **M517220** |

Application: For fixing in concrete and solid materials



## HOOK ANCHOR BOLT

- Material: Galvanized steel
- Covering: Zn

| Thread | Length (mm) | Drill diameter (mm) | Grade | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| M6 | 45 | 8 | 6.8 | 100 | C | **M517221** |
| M8 | 60 | 10 | 6.8 | 50 | C | **M517222** |
| M10 | 70 | 12 | 6.8 | 25 | C | **M517223** |

Application: For fixing in concrete and solid materials

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## FISCHER ULTRACUT FBS II US

**APPLICATIONS**
- Pipeline routes
- Suspension for individual pipes
- Suspended mounting rails
- Prestressed concrete hollow core ceilings
- Cable trays
- Ventilation ducts
- Perforated tapes

**BUILDING MATERIALS**
- Concrete C20/25 to C50/60, cracked and non-cracked
- Prestressed hollow concrete ceilings C30/37 to C50/60 for the multiple use of non-load bearing systems
- ETA- approval

| Model | Drill hole diameter d0 (mm) | Min. drill hole depth for through fixings h2 (mm) | Screew length ls (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| FBS II 6 x 40/5 US | 6 | 50 | 40 | 100 | G | **MF500460** |
| FBS II 6 x 60/5 US | 6 | 70 | 60 | 100 | G | **MF500461** |
| FBS II 8 x 80 30/15 US TX | 8 | 90 | 10x80 | 50 | G | **MF500462** |



## FISCHER ULTRACUT WITH INTERNAL THREAD

**APPLICATIONS**
- Pipeline routes
- Suspension for individual pipes
- Suspended mounting rails
- Prestressed concrete hollow core ceilings
- Ventilation ducts

**BUILDING MATERIALS**
- Concrete C20/25 to C50/60, cracked and non-cracked
- Prestressed hollow concrete ceilings C30/37 to C50/60 for the multiple use of non-load bearing systems
- ETA- approval

| Model | Drill hole diameter d0 (mm) | Min. drill hole depth for through fixings h2 (mm) | Screew length ls (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| FBS II 6 x 35 M8/M10 I | 6 | 45 | 35 | 100 | G | **MF500463** |
| FBS II 6 x 55 M8/M10 I | 6 | 65 | 55 | 100 | G | **MF500464** |



## UNIVERSAL NYLON WALL PLUGS

- Material: Nylon PA6
- Halogen free

| Diameter (mm) | Length (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| 6 | 30 | 200 | C | **M517065** |
| 6 | 50 | 100 | C | **M517298** |
| 8 | 40 | 200 | C | **M517066** |
| 8 | 60 | 100 | C | **M517067** |
| 10 | 50 | 100 | C | **M517064** |
| 10 | 70 | 50 | C | **M517062** |

Application: Suitable for general light duty fittings

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## FISCHER EXPANSION PLUG WITH RIM




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**APPLICATIONS**
- Lighting, Motion detectors
- Skirting
- Letter boxes
- Trellis

**BUILDING MATERIALS**
- Concrete
- Vertically perforated brick
- Hollow blocks made from lightweight concrete
- Cavity floor slabs made from bricks and concrete
- Perforated sand-lime brick
- Solid sand-lime brick
- Natural stone with dense structure
- Aerated concrete
- Solid panel made from gypsum
- Solid brick made from lightweight concrete

| Model | Anchor length l (mm) | Drill hole diameter d0 (mm) | Min. drill hole depth h1 (mm) | Wood and chipboard screws ds (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| SX 6 x 30 | 30 | 6 | 40 | 4-5 | 100 | G | **MF500467** |
| SX 6 x 50 | 50 | 6 | 50 | 4-5 | 100 | G | **MF500468** |
| SX 8 x 40 | 40 | 8 | 50 | 5x60 | 50 | G | **MF500469** |
| SX 8 x 65 | 65 | 8 | 75 | 4.5-6 | 50 | G | **MF500470** |
| SX 10 x 50 | 50 | 10 | 70 | 6-8 | 50 | G | **MF500471** |
| SX 10 x 80 | 80 | 10 | 95 | 6-8 | 25 | G | **MF500472** |
| SX 12 x 60 | 60 | 12 | 80 | 8-10 | 25 | G | **MF500473** |
| SX 14 x 70 | 70 | 14 | 90 | 10-12 | 25 | G | **MF500474** |

## FISCHER FRAME FIXING



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**APPLICATIONS**
- Fasade, ceiling and roof substructures made of wood and metal
- TV consoles
- Kitchen hanging cabinets
- Wardrobes
- Squared timbers
- Windows
- Gates and doors
- Beams

**BUILDING MATERIALS**
- Vertically perforated brick
- Aerated concrete
- Hollow blocks made from lightweight concrete
- Perforated sand-lime brick
- Thermal insulation blocks
- Solid block made from lightweight and normal weight concrete
- Solid brick
- Solid sand-lime brick
- Concrete ≥C12/15
- Natural stone with dense structure
- Solid panel made from gypsum

| Model | Anchor length l (mm) | Drill hole diameter d0 (mm) | Min. drill hole depth for through fixing h2 (mm) | Screws diameter ds (mm) | Min.screw length ls (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| SXRL 8 x 60 | 60 | 8 | 70 | 5.5-6 | 65 | 100 | G | **MF500475** |
| SXRL 8 x 80 | 80 | 8 | 90 | 5.5-6 | 85 | 100 | G | **MF500476** |
| SXRL 8 x 100 | 100 | 8 | 110 | 5.5-6 | 105 | 100 | G | **MF500477** |
| SXRL 8 x 120 | 120 | 8 | 130 | 5.5-6 | 125 | 100 | G | **MF500478** |



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## FISCHER DUOPOWER

**APPLICATIONS**
- Skirting
- Cable ducts
- Pictures and Decorations
- Soap dishes, Toilet paper holder
- Shower curtain rails
- Letter boxes
- Lighting, Motion detectors
- Signs, House numbers

**BUILDING MATERIALS**
- Concrete
- Solid brick and solid sand-lime brick
- Aerated concrete
- Vertically perforated brick
- Perforated sand-lime brick
- Plasterboard
- Gypsum plasterboard and gypsum fibreboards
- Hollow blocks made from lightweight concrete
- Cavity floor slabs made from bricks and concrete or similar
- Natural stone
- Chipboard
- Solid panel made from gypsum
- Solid brick made from lightweight concrete

| Model | Anchor length l (mm) | Drill hole diameter d0 (mm) | Min. drill hole depth h1 (mm) | Wood and chipboard screws ds (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| DUOPOWER 5 x 25 | 25 | 5 | 35 | 3-4 | 100 | G | **MF500479** |
| DUOPOWER 6 x 30 | 30 | 6 | 40 | 4-5 | 100 | G | **MF500480** |
| DUOPOWER 6 x 50 | 50 | 6 | 60 | 4-5 | 100 | G | **MF500481** |
| DUOPOWER 8 x 40 | 40 | 8 | 50 | 4.5-6 | 100 | G | **MF500482** |
| DUOPOWER 8 x 65 | 65 | 8 | 75 | 4.5-6 | 50 | G | **MF500483** |
| DUOPOWER 10 x 50 | 50 | 10 | 60 | 6-8 | 50 | G | **MF500484** |
| DUOPOWER 10 x 80 | 80 | 10 | 90 | 6-8 | 25 | G | **MF500485** |
| DUOPOWER 12 x 60 | 60 | 12 | 70 | 8-10 | 25 | G | **MF500486** |
| DUOPOWER 14 x 70 | 70 | 14 | 80 | 10-12 | 20 | G | **MF500487** |



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## FISCHER DUOTEC

**APPLICATIONS**
- Kitchen hanging cabinets
- Living room cabinets
- Shelves
- Wardrobes
- Handrails
- Pictures
- Mirrors
- Lamps
- Heavy hanging baskets

**BUILDING MATERIALS**
- Gypsum plasterboard
- Gypsum fibreboard
- Wooden panels, such as OSB boards, chipboard, MDF sheets
- Steel plates
- Plastic boards
- Hollow blocks made from concrete

| Model | Anchor length l (mm) | Drill hole diameter d0 (mm) | Min. drill hole depth h1 (mm) | Wood and chipboard screws ds (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| DUOTEC 10 | 50 | 10 | 12-55 | 4.5-5 | 50 | G | **MF500488** |



## PLASTERBOARD PLUGS

- Material: polyethylene

| Drill diameter (mm) | Wall thickness (mm) | Screw size (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| 10 | 10 | 4.3x40 | 25 | C | **M517273** |
| 10 | 17 | 4.3x50 | 25 | C | **M517274** |



## WALL PLUG FOR PLASTERBOARD

| Type | Color | Bore diameter (mm) | a (mm) | b (mm) | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| wall plug for plasterboard | grey | 6-7 | 30 | 19 | 25 | C | **500443** |

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## FISCHER PLASTERBOARD METAL PLUGS GKM

**APPLICATIONS**
- Pictures
- Lighting
- Electrical installations
- Fitting accessories

**BUILDING MATERIALS**
- Gypsum fibreboard
- Gypsum plasterboard

| Model | Anchor length l (mm) | Min. thickness to first supporting layer t (mm) | Screw ds x ls (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| GKM | 31 | 35 | 4-5 | 100 | G | **MF500443** |



## FISCHER INSULATION FIXING

**APPLICATIONS**
- Fasade construction (ETICS)
- Insulating construction
- Electric construction
- Refrigerated and climate construction

**BUILDING MATERIALS**
- Non-plastered, pressure-resistant insulating boards
- Plastered, pressure-resistant insulating boards

| Model | Anchor length l (mm) | Min. bolt penetration (mm) | Max. bolt penetration screw (mm) | Wood and chipboard screws ds (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| FID 50 | 50 | 50 | 40 | 4-5 | 50 | G | **MF500455** |
| FID 90 | 90 | 90 | 80 | 6 | 25 | G | **MF500456** |



## FISCHER METAL CAVITY FIXING HM WITH METRIC SCREW

**APPLICATIONS**
- Pictures
- Lighting
- Light shelves
- Towel rails
- Mirror cabinets
- Curtain rails
- Sub-structures

**BUILDING MATERIALS**
- Gypsum plasterboard and gypsum fibreboards
- Cavity floor slabs
- Light building boards made of wood wool
- Chipboard
- Plywood boards

| Model | Anchor length l (mm) | Drill hole diameter d0 (mm) | Panel thickness dp (mm) | Min. drill hole depth h1 (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| HM 4x32 S | 32 | 8 | 3-13 | 40 | 50 | G | **MF500457** |
| HM 6x52 S | 52 | 12 | 7-21 | 58 | 50 | G | **MF500458** |

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## FRAME FIXINGS PLUGS WITH SCREWS

- Material: PLUG-Nylon PA6; SCREW- Zink-plated steel
- Halogen free

| Plug diameter (mm) | Length (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| 8 | 80 | 100 | C | **M317340** |
| 8 | 100 | 100 | C | **M317341** |
| 8 | 120 | 50 | C | **M317342** |
| 10 | 80 | 50 | C | **M317343** |
| 10 | 100 | 50 | C | **M317344** |
| 10 | 120 | 50 | C | **M317345** |
| 10 | 140 | 50 | C | **M317346** |

Application: Suitable for heavy ribbing ensures a tight hold in aerated blocks



## NYLON HAMMERFIX

- Material: PLUG-Nylon PA6; SCREW- Zink-plated steel
- Halogen free

| Plug diameter (mm) | Length (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| 6 | 40 | 200 | C | **M517180** |
| 6 | 50 | 200 | C | **M517281** |
| 6 | 60 | 200 | C | **M517282** |
| 6 | 80 | 200 | C | **M517283** |
| 8 | 60 | 100 | C | **M517074** |
| 8 | 80 | 100 | C | **M517284** |
| 8 | 100 | 100 | C | **M517285** |
| 8 | 120 | 100 | C | **M517286** |

Application: Suitable for fixing skirting, stud battens  to wall and long runs of shelf support





## FISCHER ANGLE SCREW SET

- SET: 2 pcs

| Model | Plug size (mm) | Screw size (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| WDL 14L/95 | 14 | 8.8/95 | 2/50 | G | **MF500465** |
| WDL 14L/120 | 14 | 8.8/120 | 2/50 | G | **MF500466** |



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## RIGHT ANGLE SCREW SET

- Material: PLUG-Nylon PA6; SCREW- Zink-plated steel
- SET: 2 pcs

| Plug size (mm) | Screw size (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| 12x60 | 10x75 | 1 | C | **M517156** |

Application: Suitable for heavy ribbing ensures a tight hold in aerated blocks



## HOOK SCREW WITH PLUG

- Material: PLUG-Nylon PA6; SCREW- Zink-plated steel

| Plug size (mm) | Screw size (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| 6x30 | 4x35 | 100 | C | **M517289** |
| 8x40 | 5x42 | 100 | C | **M517318** |



## FISCHER SPRING TOGGLE

**APPLICATIONS**
- Pictures
- Lighting

**BUILDING MATERIALS**
- Gypsum plasterboard and gypsum fibreboards
- Cavity floor slabs made from bricks and concrete
- Chipboard
- Plywood

| Model | Anchor length l (mm) | Drill hole diameter d0 (mm) | Panel thickness dp (mm) | Thread Ø x length (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| KDH 4 | 95 | 14 | 35 | M4x70 | 25 | G | **MF500459** |



## THREADED HANGING ROD

- Material: Carbon steel
- Covering: Zn

| Thread | Length (mm) | Grade | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| M6 | 1000 | 4.8 | 100 | C | **M517079** |
| M8 | 1000 | 4.8 | 50 | C | **M517080** |
| M10 | 1000 | 4.8 | 40 | C | **M517078** |

Application: Suitable for fixing skirting, stud battens to wall and long runs of shelf support

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## PERFORATED STEEL STRAP WITH PE PLASTIC JACKETING

**APPLICATIONS**
For securing, supporting and strapping of cable, trunking and ducting
Use for joist strutting, window frame and sill fixing, fencing repairs and construction, hanging ductwork

| Model | Width (mm) | Thickness (mm) | Hole diameter (mm) | Length (m) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| 5055 L PE I 14 | 13 | 3 | 5.2 | 10 | 1 | G | **M318155** |



## PERFORATED STEEL STRAP IN UNCOLING BOX

**APPLICATIONS**
For securing, supporting and strapping of cable, trunking and ducting
Use for joist strutting, window frame and sill fixing, fencing repairs and construction, hanging ductwork

| Model | Width (mm) | Thickness (mm) | Hole diameter (mm) | Length (m) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| 5055 LI12 FS | 12 | 1 | 5.2 | 10 | 1 | G | **M318154** |



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## FISCHER FIS AB 300 T

**APPLICATIONS**
- High-performance hybrid mortar for high loads in almost all building materials.
- Fixing pressure-free fastening enables small edge and axis distances
- Injection cartridges can be processed without special extrusion devices
- incl. 2 static mixers.
- Injection cartridges that are not fully squeezed out can be reused by changing the static mixer.
- When fixing in solid building materials, the drill hole must be cleaned thoroughly.
- The use of a hollow drill makes conventional drilling cleaning unnecessary.

| Model | Processing time | Curing time | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| FIS AB 300 T | approx. 5 min at 20 °C | approx. 60 min at 20 ° C | 1 | G | **MF500489** |



## FISCHER INJECTION ANCHOR SLEEVE PLASTIC

**APPLICATIONS**
- Anchorings in perforated brick masonry with injection mortars

**BUILDING MATERIALS**
- Vertically perforated brick
- Hollow blocks made from lightweight concrete
- Hollow blocks made from concrete
- Perforated sand-lime brick
- Solid sand-lime brick
- Solid brick
- Hollow pumice slabs
- Slabs made of hollow brick and other perforated brick
- Solid pumice and other solid building materials
- ETA-approval

| Model | Drill hole diameter d0 (mm) | Min. drill hole depth h1 (mm) | Effect. anchorage depth hef (mm) | Fill quantity per sleeve (scale unit) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| FIS H 12X50 K | 12 | 60 | 50 | 5 | 50 | G | **MF500490** |
| FIS H 12X85 K | 12 | 95 | 85 | 10 | 50 | G | **MF500491** |
| FIS H 16X130 K | 16 | 140 | 110 | 15 | 20 | G | **MF500492** |
| FIS H 20X85 K | 20 | 95 | 85 | 15 | 20 | G | **MF500493** |



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## FISCHER INTUMESCENT ACOUSTIC MASTIC FIAM 310 ML

FISCHER FiAM is a one part water based acrylic emulsion that can provide up to 5 hours fire resistance when used in construction joints and services in both vertical and horizontal applications. When exposed to fire, it reacts to form a highly insulative char that slows down heat transfer, and provides a barrier to fire seal. Formulated to be halogen and solvent free the FiAM exhibits excellent slump characteristics and has been designed to maintain the sound reduction index of a structure.

**TOP FEATURES:**
- Up to 5 hours fire resistance.
- Movement capability ± 25 %.
- Halogen and solvent free.
- Low VOC.
- Water based.

**APPLICATIONS:**
- Metallic pipes: 6" (159 mm)
- Cable trays: 18" x 2" (450 x 50 mm)
- Cable bunches: 3" (80 mm)
- Linear joints: flexible and rigid construction elements
- Joints between FCPS coated panel system

**BUILDING MATERIALS:**
- Flexible wall constructions
- Rigid floor and wall constructions
- Masonry
- Concrete
- Timber
- Steel
- FCPS System

| Model | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| FiAM310 | 1/25 | G | **MF500494** |




## FISCHER INTUMESCENT GRAPHITE MASTIC FIGM 310 ML

FISCHER Intumescent Graphite Mastic FiGM is a one part water based flexible acrylic emulsion containing a high pressure intumescent graphite which is used to seal service penetrations in both vertical and horizontal applications. Tested to both BS 476 & BS EN1366-3 /4 the fischer FiGM is also ETA approved and CE Marked for a wide range of applications such as, non metallic pipes, metallic and insulated pipes, MLC pipes, cables and cable bunches and can also used in combination with the fischer FCPS Coated Panel System.

**TOP FEATURES:**
- Low VOC.
- Halogen and solvent free.
- Excellent slump characteristics.
- Excellent acoustic properties.

**APPLICATIONS:**
- Metallic pipes: 6" (159 mm)
- Non-metallic pipes: 5" (125 mm)
- Cable bunches: 1" (21 mm)
- Insulated service: 6" (159 mm)
- Construction joints: 1" (25 mm)
- Mixed services

**BUILDING MATERIALS:**
- Concrete
- Masonry
- Steel
- Timber

| Model | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| FiGM310 | 1/25 | G | **MF500495** |



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## PENOSIL GENERAL SILICONE, GOLD SERIES

**TOP FEATURES:**
- Good adhesive properties.
- Excellent processing and smoothing properties.
- Suitable for slightly alkaline, acidic and metal surfaces.
- Does not cause colour changes on marble or other natural stone surfaces.
- Does not cause corrosion on metal.
- After curing very good temperature resistance (between -60 °C and +200 °C).
- Does not lose volume during the curing process.
- Permanent elasticity.
- Mould, UV, moisture and weather resistant
- Cartrige: 310ml

**APPLICATIONS:**
- Indoor and outdoor applications.
- Sanitary applications.
- Installation and sealing of windows and doors.
- Sealing of ventilation systems.
- Not suitable for aquariums.

| Type | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| General silicone, 310ml | Transparent | 1/12 | G | **M033128** |




## PENOSIL UNIVERSAL SILICONE, STANDARD SERIES

**TOP FEATURES:**
- Insulates and seals.
- Non-sagging, does not spread in the joint.
- Excellent processing and smoothing properties.
- Touch-dries quickly.
- Adheres well to wood, glass, ceramic tiles, many plastics, and most paints.
- Elastic.
- UV and weather proof.
- Cartrige: 280ml

**APPLICATIONS:**
- Insulation and sealing of connections in indoor and outdoor works.
- General construction and repair works.
- Moist and dry rooms.
- All finishing, insulation, glassing works.
- Insulation of window and door frames and light box displays.

| Type | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| Universal silicone, 280ml | Transparent | 1/12 | G | **M033129** |
| Universal silicone, 280ml | White | 1/12 | G | **M033130** |



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## PENOSIL SANITARY SILICONE, STANDARD SERIES

**TOP FEATURES:**
- Excellent processing and smoothing properties.
- Contains fungicides.
- Mould, UV, moisture and weather resistant.
- Touch-dries quickly.
- Non-sagging, does not spread in the joint.
- Adheres well to glass, glazed surfaces, ceramic tiles, many plastics, metals, and most paints.
- Elastic.
- Long storage time.
- Cartrige: 280ml

**APPLICATIONS:**
- Insulation and sealing of connections during indoor works.
- Insulation and sealing of washbasin, bath, shower, swimming pool connections.
- Insulation of water supply, drainage and PVC-pipes.
- Glazing works.

| Type | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| Sanitary silicone, 280ml | Transparent | 1/12 | G | **M033131** |
| Sanitary silicone, 280ml | White | 1/12 | G | **M033132** |




## PENOSIL BITUM SEALANT, PREMIUM SERIES

**TOP FEATURES:**
- Touch-dries quickly.
- Immediately rain and ice resistant.
- Suitable on bituminous materials, alkali and metals.
- Usable on damp surfaces.
- Melting temperature over 100 °C.
- Will not become brittle in cold.
- Can also be used in vertical joints.
- Dissolved acid, alkali, emission and weather resistant.
- High tensile strength
- Cartrige: 310ml

**APPLICATIONS:**
- Insulation of roof and chimney joints.
- Insulation of joints between bituminous plates or rolls.
- Repairing small leakages and open cracks on flat roofs.
- Patching up joint leakages between metal sheets.

| Type | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| Bitum sealant, 310ml | Black | 1/12 | G | **M033133** |



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## PENOSIL ACRYLIC SEALANT, STANDARD SERIES

**TOP FEATURES:**
- Comfortable use.
- Low odour level.
- Forms a plastic connection.
- Non-sagging, does not spread in the joint.
- Paintable.
- Good adherence on most building materials.
- Moisture resistant 5 hours after application.
- High UV-level.
- Cartrige: 280ml

**APPLICATIONS:**
- Filling of wall cracks and joints.
- Filling the joints between window frames and walls.
- Filling of joints between plasterboards and filling of screw holes.
- Correction of surface defects before painting.

| Type | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| Acrylic sealant, 280ml | White | 1/12 | G | **M033134** |




## PENOSIL FOAM, STANDARD SERIES

**TOP FEATURES:**
- Good filling properties.
- Good foam for interior and exterior works under normal conditions.
- Good adherence on various building materials.
- Usable with the delivered straw applicator.
- Easy to use.
- The new and narrower straw ensures better foam structure and higher output.
- The new trigger is suitable for temporary air-tight sealing of the straw during work pauses.

**APPLICATIONS:**
- Filling of holes and gaps, insulation of joints
- Installation and insulation of construction structures
- Insulation and fixation of pipes
- Thermo and sound insulation

| Type | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| Foam, 750ml | 1/12 | G | **M033135** |
| Foam, 300ml + gloves | 1/12 | G | **M033136** |
| Gun foam, 750ml | 1/12 | G | **M033137** |



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## PENOSIL FOAM CLEANER, PREMIUM SERIES

**TOP FEATURES:**
- Efficiently cleans uncured construction foam from foam gun, clothes, adjacent surfaces.
- Suitable for immediate cleaning of a foam gun from inside after use.

**APPLICATIONS:**
- Cleaning of foam gun after use both inside and outside.
- Cleaning of clothes and tools from uncured construction foam.
- Cleaning of window frames, window sills, doors, jambs, etc. From uncured construction foam during work.

| Type | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| Foam cleaner, 500ml | 1/12 | G | **M033138** |



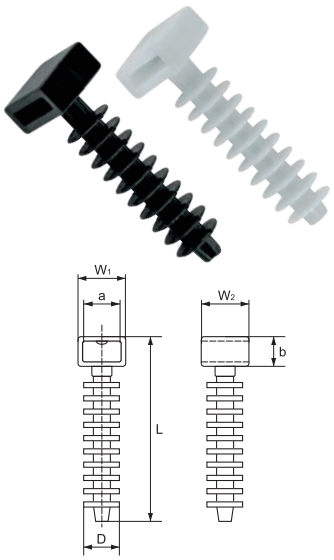
## PENOSIL FOAM GUN 306

**APPLICATIONS:**
- The budget version of the gun known brand PENOSIL for use with professional foam.

| Type | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| Foam gun 306 economical | 1 | G | **M033139** |

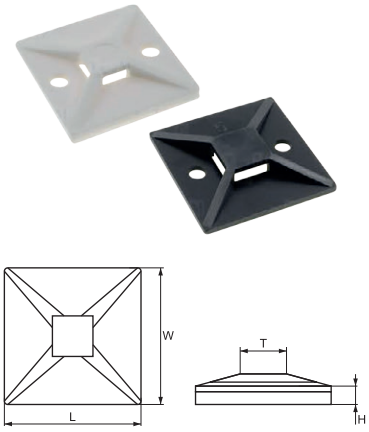


*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days.*



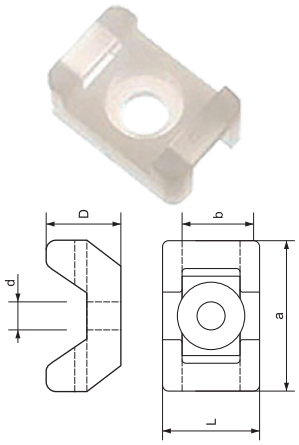

## CABLE TIE HOLDER

| Type | colour | Bore diameter (mm) | a (mm) | b (mm) | D (mm) | W1 (mm) | W2 (mm) | L (mm) | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MT-8 | black | ϕ8 | 9,7 | 6,3 | 9,9 | 12,7 | 12,6 | 43 | 100 | C | **500046** |
| MT-8 | white | ϕ8 | 9,7 | 6,3 | 9,9 | 12,7 | 12,6 | 43 | 100 | C | **500047** |




## CABLE TIE MOUNTS-ADHESIVE

| Type | colour | Dimmensions (mm) | | | | Packing (pcs.) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| | | L | W | H | T | | | |
| MT-25 | white | 25 | 25 | 7,5 | 6,2 | 100 | C | **500041** |
| MT-25 | black | 25 | 25 | 7,5 | 6,2 | 100 | C | **500042** |
| MT-30 | white | 30 | 30 | 8,7 | 6,4 | 100 | C | **500043** |
| MT-30 | black | 30 | 30 | 8,7 | 6,4 | 100 | C | **500039** |




## CABLE TIE BASES FIXED WITH SCREWS

2+0 standard +extended 2 YEAR TOTAL WARRANTY

| Type | Color | a (mm) | b (mm) | L (mm) | d (mm) | D (mm) | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| CTH-2C | white | 22 | 16,5 | 9 | 5,8 | 9,5 | 100 | C | **500048** |
| CTH-2C | black | 22 | 16,5 | 9 | 5,8 | 9,5 | 100 | C | **500038** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days, and for CTH-2C will be 90 days.*



## CABLE TIES - WHITE

| Type | Length (mm) | Colour | Width (mm) | Packing (pcs) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| Cable ties | 100 | white | 2.5 | 100 | 10 / 800 | C | **500100** |
| Cable ties | 150 | white | 2.5 | 100 | 10 / 500 | C | **500152** |
| Cable ties | 160 | white | 2.5 | 100 | 10 / 500 | C | **500162** |
| Cable ties | 200 | white | 2.5 | 100 | 10 / 400 | C | **500202** |
| Cable ties | 250 | white | 3.5 | 100 | 10 / 250 | C | **500253** |
| Cable ties | 280 | white | 3.5 | 100 | 10 / 200 | C | **500283** |
| Cable ties | 300 | white | 3.5 | 100 | 10 / 200 | C | **500303** |
| Cable ties | 300 | white | 4.8 | 100 | 10 / 120 | C | **500304** |
| Cable ties | 370 | white | 3.5 | 100 | 10 / 120 | C | **500373** |
| Cable ties | 380 | white | 4.8 | 100 | 10 / 100 | C | **500384** |
| Cable ties | 450 | white | 4.8 | 100 | 10 / 70 | C | **500454** |
| Cable ties | 500 | white | 7.9 | 100 | 5 / 40 | C | **500507** |



## CABLE TIES - BLACK

| Type | Length (mm) | Colour | Width (mm) | Packing (pcs) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| Cable ties | 150 | black | 2.5 | 100 | 10 / 500 | C | **500151** |
| Cable ties | 160 | black | 2.5 | 100 | 10 / 500 | C | **500161** |
| Cable ties | 250 | black | 3.5 | 100 | 10 / 250 | C | **500251** |
| Cable ties | 280 | black | 3.5 | 100 | 10 / 200 | C | **500281** |
| Cable ties | 300 | black | 3.5 | 100 | 10 / 200 | C | **500301** |
| Cable ties | 500 | black | 7.9 | 100 | 40 | C | **500501** |



## CABLE HOLDER WITH TIE

| Type | Color | a (mm) | b (mm) | c (mm) | d (mm) | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| cable holder with tie | black | 27 | 14 | 140 | 0,5 | 20 | C | **500444** |



## WALL PLUG WITH CABLE TIE

| Type | Color | Bore diameter (mm) | Tie Length (mm) | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| wall plug with cable tie | black | Ø6 | 95 | 50 | C | **500427** |
| wall plug with cable tie | black | Ø8 | 95 | 50 | C | **500425** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days, and for Cable Ties will be 90 days.*



## WIRE GRIP BAND FOR FLAT CABLE

| Type | Color | Bore diameter (mm) | width of the head | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| wire grip band for flat cable 1 | white | 6-7 | 18 | 50 | C | **500432** |
| wire grip band for flat cable 2 | white | 6-7 | 12 | 50 | C | **500434** |
| wire grip band for flat cable 3 | white | 6-7 | 10 | 50 | C | **500436** |

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

| Type | Color | Bore diameter (mm) | width of the head | Packing (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| wire grip band for round cable 4 | white | 6-7 | 6 | 50 | C | **500438** |
| wire grip band for round cable 5 | white | 6-7 | 8 | 50 | C | **500440** |
| wire grip band for round cable 6 | white | 6-7 | 10 | 50 | C | **500439** |
| wire grip band for round cable 7 | white | 6-7 | 14 | 50 | C | **500441** |
| wire grip band for round cable 8 | white | 8-9 | 20 | 50 | C | **500442** |

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

## 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

| Type | Diameter Ø (mm) | Packing (pcs) | Packing / Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| CHR-4 | 4 | 100 | 500 | C | **500004** |
| CHR-5 | 5 | 100 | 500 | C | **500005** |
| CHR-6 | 6 | 100 | 300 | C | **500006** |
| CHR-7 | 7 | 100 | 300 | C | **500007** |
| CHR-8 | 8 | 100 | 250 | C | **500008** |
| CHR-9 | 9 | 100 | 200 | C | **500009** |
| CHR-10 | 10 | 100 | 200 | C | **500010** |
| CHR-12 | 12 | 100 | 100 | C | **500012** |
| CHR-14 | 14 | 100 | 50 | C | **500014** |
| CHR-16 | 16 | 100 | 50 | C | **500016** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days, and for cable fixing clips will be 90 days.*



## ELMARK AF SERIES EASY MOUNTING

3+0 standard +extended 3 YEAR TOTAL WARRANTY

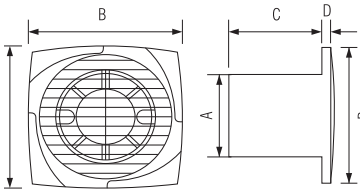
Axial fans, for exhaust ventilation

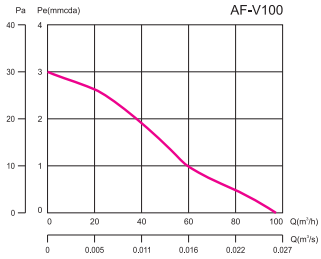
**AREAS OF APPLICATION**
Kitchens, Showers, Bathrooms, Utility spaces

**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

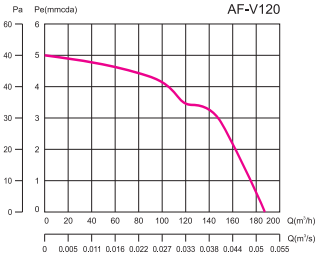
**MOTOR:**
- Equipped with thermal cut out protection
- Low power consumption
- High materials quality and high efficiency
- Ambient temperature max 130°C
- IP-X4
- Insulation class B

**DESIGN:**
- Easy mounting system
- Very slim front panel
- Plastic housing and impeller
- Modern design and aesthetic look



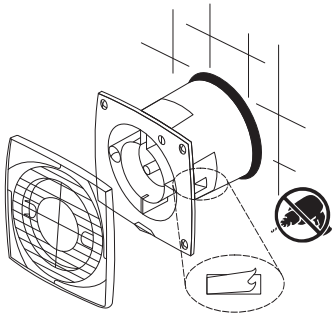






Overal dimensions (mm)

| Model | ØA | B | C | D |
|---|---|---|---|---|
| AF-V100 | 98 | 140 | 98 | 10 |
| AF-V120 | 118 | 170 | 100 | 13 |

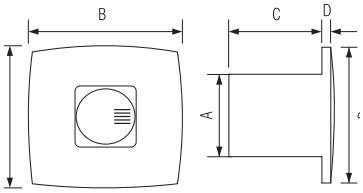


| Model | Diameter (mm) | Voltage (V) | Power (W) | r.p.m. | Maximum air capacity ($m^3/h$) | Sound pressure level db(A) | Packing/ Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| AF-V100 with valve | 100 | 220-240 | 15 | 2500 | 98 | 41 | 12 | D | **500120** |
| AF-VT100 with valve+timer | 100 | 220-240 | 15 | 2500 | 98 | 41 | 12 | D | **500122** |
| AF-VH100 with valve+hygro-timer | 100 | 220-240 | 15 | 2500 | 98 | 41 | 12 | D | **500124** |
| AF-V120 with valve | 120 | 220-240 | 20 | 2450 | 190 | 43 | 12 | D | **500121** |
| AF-VT120 with valve+timer | 120 | 220-240 | 20 | 2450 | 190 | 43 | 12 | D | **500123** |
| AF-VH120 with valve+hygro-timer | 120 | 220-240 | 20 | 2450 | 190 | 43 | 12 | D | **500125** |

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SILENT SERIES




## ELMARK ALS SILENT SERIES

3+0 standard +extended 3 YEAR TOTAL WARRANTY

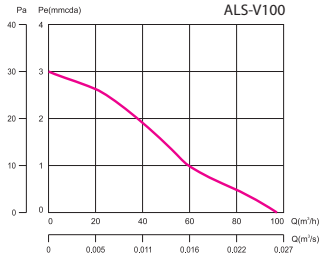
Axial fans, for exhaust ventilation

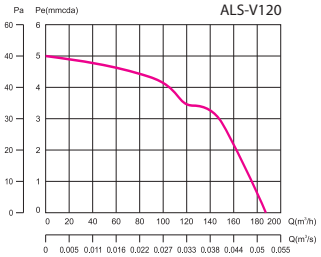
**AREAS OF APPLICATION**
Kitchens, Showers, Bathrooms, Utility spaces

**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

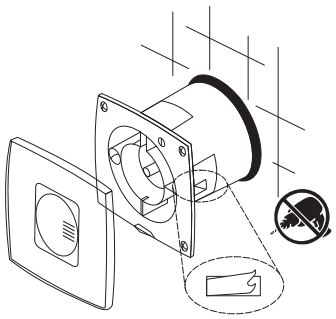





Overal dimensions (mm)

| Model | ØA | B | C | D |
|---|---|---|---|---|
| ALS-V100 | 98 | 140 | 98 | 10 |
| ALS-V120 | 118 | 170 | 100 | 13 |



| Model | Diameter (mm) | Voltage (V) | Power (W) | r.p.m. | Maximum air capacity ($m^3/h$) | Sound pressure level db(A) | Packing/ Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| ALS-V100 with valve WHITE | 100 | 220-240 | 15 | 2500 | 98 | 37 | 12 | D | **500140** |
| ALS-V100 with valve SILVER | 100 | 220-240 | 15 | 2500 | 98 | 37 | 12 | D | **500141** |
| ALS-V120 with valve WHITE | 120 | 220-240 | 20 | 2450 | 190 | 39 | 12 | D | **500142** |
| ALS-V120 with valve SILVER | 120 | 220-240 | 20 | 2450 | 190 | 39 | 12 | D | **500143** |



***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.***



## ELMARK AS SERIES

3+0 standard +extended 3 YEAR TOTAL WARRANTY

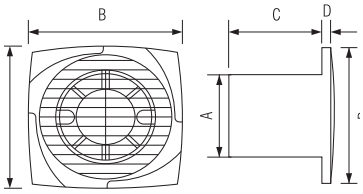
Axial fans, for exhaust ventilation

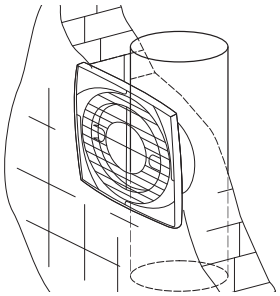
**AREAS OF APPLICATION:**
Kitchens, Showers, Bathrooms, Utility spaces

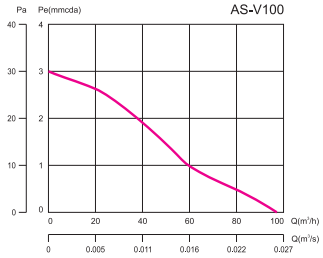
**OPTIONS:**
- V-Valve: Back flow preventing. Fan is equipped with a valve
- Compatible with 100 mm PVC or flexible air ducts

**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






Overal dimensions (mm)

| Model | ØA | B | C | D |
|---|---|---|---|---|
| AS-V100 | 98 | 140 | 75 | 10 |

| Model | Diameter (mm) | Voltage (V) | Power (W) | r.p.m. | Maximum air capacity ($m^3/h$) | Sound pressure level db(A) | Packing | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| AS-V100 with valve | 100 | 220-240 | 15 | 2500 | 98 | 41 | 12 | D | **500119** |



## ELMARK APB10

3+0 standard +extended 3 YEAR TOTAL WARRANTY

**AREAS OF APPLICATION**
Kitchens, Showers, Bathrooms, Utility spaces

**OPTIONS:**
- Back flow preventing- fan is equipped with a valve
- Equipped with PVC ring for stable fixing of the fan towards the mounted surface - hollow walls, suspended ceilings, furniture flat surfaces, glassings and etc.
- Fan comes with a power cable supply
- Compatible with 110 mm PVC or flexible air ducts

**MOTOR:**
- Low power consumption
- High materials quality and high efficiency
- IP-X4
- Insulation class B

**DESIGN:**
- Plastic housing and impeller
- Modern design and aesthetic look

| Model | Diameter (mm) | Voltage (V) | Power (W) | r.p.m. | Maximum air capacity ($m^3/h$) | Sound pressure level db(A) | Packing/ Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| APB10- 110V with valve | 110 | 220-240 | 15 | 2500 | 100 | 41 | 30 | F | **500020** |

UNTIL SUPPLY LAST

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.***



## ELMARK AN SERIES

3+0 standard +extended 3 YEAR TOTAL WARRANTY

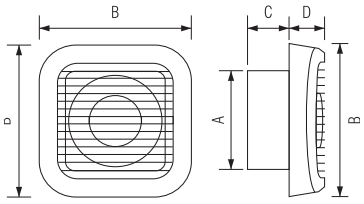
Axial fans, for exhaust ventilation.

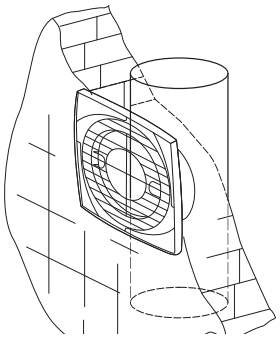
**AREAS OF APPLICATION**
Kitchens, Showers, Bathrooms, Utility spaces

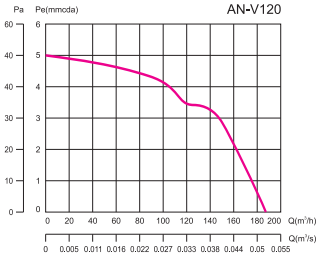
**OPTIONS:**
- Back flow preventing- fan is equipped with a valve
- Compatible with 100 and 120 mm PVC or flexible air ducts

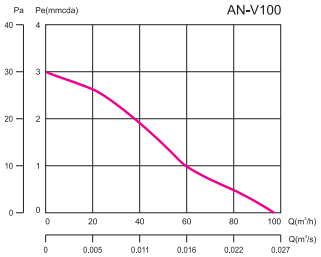
- **MOTOR:**
- Equipped with thermal cut out protection
- Low power consumption
- High materials quality and high efficiency
- IP-X4
- Insulation class B

**DESIGN:**
- Short back tube
- Plastic housing and impeller
- Modern design and aesthetic look






Overal dimensions (mm)

| Model | ØA | B | C | D |
|---|---|---|---|---|
| AN-V100 | 98 | 153 | 45 | 37 |
| AN-V120 | 118 | 180 | 50 | 37 |

| Model | Diameter (mm) | Voltage (V) | Power (W) | r.p.m. | Maximum air capacity (m3/h) | Sound pressure level db(A) | Packing/ Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| AN-V100 with valve | 100 | 220-240 | 15 | 2500 | 98 | 41 | 9 | D | **500115** |
| AN-V120 with valve | 120 | 220-240 | 20 | 2450 | 190 | 43 | 12 | D | **500116** |



*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.*



## ELMARK AC SERIES

3+0 standard +extended 3 YEAR TOTAL WARRANTY

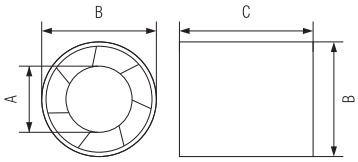
Axial inline fans, for exhaust and supply ventilation.

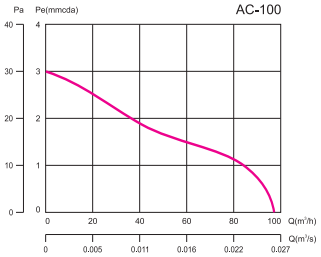
**AREAS OF APPLICATION:**
Kitchens, Showers, Bathrooms, Utility spaces, Supply ventilation

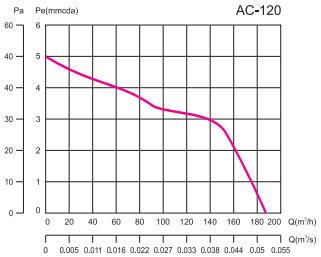
**OPTIONS:**
- Compatible with 100 and 120 mm PVC or flexible air ducts
- Possibility to mounting in in the ventilation systems

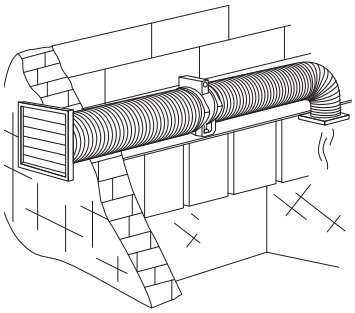
**MOTOR:**
- Equipped with thermal cut out protection
- Low power consumption
- High materials quality and high efficiency
- Do not use in rooms where the temperature is above 40°C
- IP-X4
- Insulation class B

**DESIGN:**
- Plastic housing and impeller
- Modern design and aesthetic look
- Designed for ventilation where you want to stop spreading humidity and unpleasure smells.



Overal dimensions (mm)

| Model | ØA | ØB | C |
|---|---|---|---|
| AC-100 | 60 | 97 | 92 |
| AC-120 | 65 | 118 | 96 |

| Model | Diameter (mm) | Voltage (V) | Power (W) | r.p.m. | Maximum air capacity ($m^3/h$) | Sound pressure level db(A) | Packing/ Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| AC-100 | 100 | 220-240 | 15 | 2500 | 98 | 41 | 12 | D | **500117** |
| AC-120 | 120 | 220-240 | 20 | 2450 | 190 | 43 | 12 | D | **500118** |



## RETRO DESK FAN

3+0 standard +extended 3 YEAR TOTAL WARRANTY

**AREAS OF APPLICATION:**
Domestic - ideal for any rooms or office

**TOP FEATURES:**
- 2 speed settings- gives gentle and quiet air flow
- Aluminium blades for optimizing airflow volume

| Model | Size (mm) | Voltage (V) | Power (W) | r.p.m. | Maximum air capacity ($m^3/h$) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| RDF2 | 290x130x330 | 220-240 | 28 | 1250 | 1200 | 1/6 | D | **500147** |



*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.*

## INDUSTRIAL FANS

3+0 standard +extended 3 YEAR TOTAL WARRANTY

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

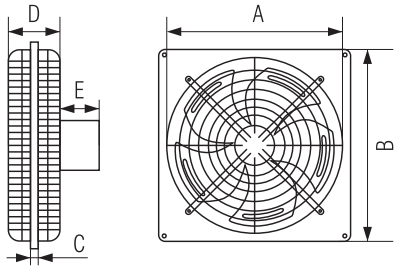
## ELMARK PAS SERIES

3+0 standard +extended 3 YEAR TOTAL WARRANTY



Industrial fans, for exhaust ventilation

**MOUNTING:**
on a window, wall, roof, suspending ceiling, inside walls.




Overal dimensions (mm)

| Model | ØA | B | C | D | E |
|---|---|---|---|---|---|
| PAS- 200 | 220 | 257 | 3 | 70 | 53 |
| PAS- 250 | 270 | 313 | 8 | 70 | 60 |
| PAS- 300 | 320 | 350 | 10 | 86 | 80 |

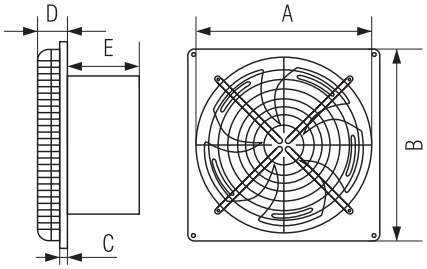
| Model | Diameter (mm) | Voltage (V) | Power (W) | r.p.m. | Maximum air capacity ($m^3/h$) | Sound pressure level db(A) | Packing/ Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| PAS- 200 | 200 | 220-240 | 36 | 1300 | 410 | 51 | 1 | D | **500126** |
| PAS- 250 | 250 | 220-240 | 60 | 1300 | 800 | 53 | 1 | D | **500127** |
| PAS- 300 | 300 | 220-240 | 110 | 1300 | 1400 | 58 | 1 | D | **500128** |

## ELMARK IAS SERIES

3+0 standard +extended 3 YEAR TOTAL WARRANTY



Industrial wall fans, for exhaust ventilation
**MOUNTING:**
on the, wall.




Overal dimensions (mm)

| Model | ØA | B | C | D | E |
|---|---|---|---|---|---|
| IAS- 200 | 220 | 264 | 11 | 18 | 127 |
| IAS- 250 | 270 | 314 | 11 | 18 | 147 |
| IAS- 300 | 320 | 364 | 11 | 18 | 155 |

| Model | Diameter (mm) | Voltage (V) | Power (W) | r.p.m. | Maximum air capacity ($m^3/h$) | Sound pressure level db(A) | Packing/ Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| IAS- 200 | 200 | 220-240 | 36 | 1300 | 410 | 53 | 1 | D | **500129** |
| IAS- 250 | 250 | 220-240 | 60 | 1300 | 800 | 56 | 1 | D | **500130** |
| IAS- 300 | 300 | 220-240 | 110 | 1300 | 1400 | 60 | 1 | D | **500131** |

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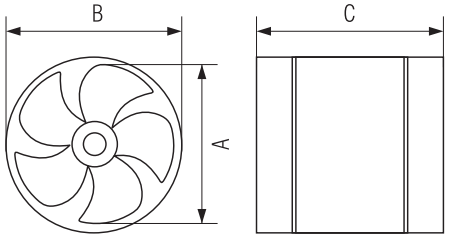


## ELMARK TAS SERIES

3+0 standard +extended 3 YEAR TOTAL WARRANTY

Industrial inline fans, for exhaust ventilation

**MOUNTING:**
on a walls, ceilings, suspending ceilings.
Possibility to mounting in in the ventilation systems




Overal dimensions (mm)

| Model | ØA | B | C | D | E |
|---|---|---|---|---|---|
| TAS- 200 | 220 | 264 | 11 | 18 | 127 |
| TAS- 250 | 270 | 314 | 11 | 18 | 147 |
| TAS- 300 | 320 | 364 | 11 | 18 | 155 |

| Model | Diameter (mm) | Voltage (V) | Power (W) | r.p.m. | Maximum air capacity ($m^3/h$) | Sound pressure level db(A) | Packing/ Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|---|
| TAS- 200 | 200 | 220-240 | 36 | 1300 | 410 | 55 | 1 | D | **500132** |
| TAS- 250 | 250 | 220-240 | 60 | 1300 | 800 | 57 | 1 | D | **500133** |
| TAS- 300 | 300 | 220-240 | 110 | 1300 | 1400 | 62 | 1 | D | **500134** |



## ALUMINIUM EXHAUST GRILLS

| Material | Colour | Dimensions (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| Aluminium | grey | 200/200 | 8 | D | **500136** |
| Aluminium | grey | 250/250 | 4 | D | **500137** |
| Aluminium | grey | 300/300 | 4 | D | **500138** |
| Aluminium | grey | 350/350 | 5 | D | **500139** |



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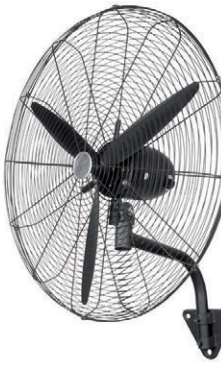
## ULTRA-QUIET 3 IN 1 INDUSTRIAL FAN

3+0 standard +extended 3 YEAR TOTAL WARRANTY

**AREAS OF APPLICATION:**
Home or work use as standing fan, floor fan or wall mount fan

**TOP FEATURES:**
- Low noise
- 3 speed settings
- 90° oscillating for great air flow
- Aluminium blades for optimizing airflow volume

| Model | Size (mm) | Voltage (V) | Power (W) | r.p.m. | Maximum air capacity ($m^3/h$) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| UQIF3 | 500x500x1350 | 220-240 | 65 | 1250 | 2800 | 1 | D | **500144** |



## HIGH POWER INDUSTRIAL WALL FAN

3+0 standard +extended 3 YEAR TOTAL WARRANTY

**AREAS OF APPLICATION:**
Residential, commercial, or industrial - ideal for gyms, workshop, offices, restaurant, warehouses and etc.

**TOP FEATURES:**
- 3 speed settings
- 90° oscillating for great air flow
- Aluminium blades for optimizing airflow volume

| Model | Size (mm) | Voltage (V) | Power (W) | r.p.m. | Maximum air capacity ($m^3/h$) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| HPIWF3 | 700x41x750 | 220-240 | 180 | 1000 | 8800 | 1 | D | **500145** |



## HIGH POWER INDUSTRIAL STANDING FAN

3+0 standard +extended 3 YEAR TOTAL WARRANTY

**AREAS OF APPLICATION:**
Residential, commercial, or industrial- ideal for gyms, workshop , offices,restaurant, warehouses and etc.

**TOP FEATURES:**
- 3 speed settings
- 90° oscillating for great air flow
- Aluminium blades for optimizing airflow volume

| Model | Size (mm) | Voltage (V) | Power (W) | r.p.m. | Maximum air capacity ($m^3/h$) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| HPISF3 | 700x490x1650 | 220-240 | 180 | 1000 | 8800 | 1 | D | **500146** |



***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

## AIR CONDUIT ALUMINUM



Material: Aluminium 99,5%. For ventilaton and clima systems

| Diameter (mm) | Full length (m) | Thickness (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| 100 | 1,5m | 0,1 | 66 | D | **500201** |
| 100 | 3m | 0,1 | 42 | D | **500101** |
| 120 | 1,5m | 0,1 | 45 | D | **500203** |
| 120 | 3m | 0,1 | 30 | D | **500103** |

## AIR CONDUIT TEXOFLEX



The tube is completed from multilayer aluminum, laminated with polyester, and forced with reinforcement additionally. The material is light and flexible, which helps for its easy use in round or oval connections in the aspiration and ventilation systems. Toxic gases are not being insulated in case of a fire. The product is certified in B1 category - fireproof material.



| Diameter (mm) | Full length (m) | Thickness (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| 100 | 1,5m | 0,1 | 12 | D | **500204** |
| 120 | 1,5m | 0,1 | 12 | D | **500205** |
| 100 | 3m | 0,1 | 12 | D | **500104** |
| 120 | 3m | 0,1 | 12 | D | **500105** |

## AIR CONDUIT PLASTIC



| Connection diameter (mm) | Length (m) | Material | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| 100 | 1 | Plastic | 1 | D | **M522023** |

## AIR CONDUIT PLASTIC



| Width (mm) | Height (mm) | Length (m) | Material | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| 110 | 55 | 1 | Plastic | 1 | D | **M522039** |

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.***

## FLAT DUCT BRACKET



| Width (mm) | Height (mm) | Material | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| 110 | 55 | Plastic | 1 | D | **M522032** |

## FLAT DUCT CONNECTOR



| Width (mm) | Height (mm) | Material | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| 110 | 55 | Plastic | 1 | D | **M522029** |

## FLAT DUCT CONNECTOR WITH DAMPER



| Width (mm) | Height (mm) | Material | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| 110 | 55 | Plastic | 1 | D | **M522030** |

## PVC WALL CONNECTOR



| Section of PVC duct | Material | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| 110x55 | Plastic | 1 | D | **M522033** |

## HORIZONTAL 90° BEND FOR FLAT DUCTS



| Width (mm) | Height (mm) | Material | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| 110 | 55 | Plastic | 1 | D | **M522015** |

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## VERTICAL 90° BEND FOR FLAT DUCTS



| Width (mm) | Height (mm) | Material | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| 110 | 55 | Plastic | 1 | D | **M522016** |

## T-JOINT FOR FLAT DUCTS



| Width (mm) | Height (mm) | Material | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| 110 | 55 | Plastic | 1 | D | **M522020** |

## T-JOINT FOR FLAT & ROUND DUCTS



| Width (mm) | Height (mm) | Connection diameter of round duct (mm) | Material | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| 110 | 55 | 100 | Plastic | 1 | D | **M522017** |

## END GRILLE FOR FLAT DUCS



| Width (mm) | Height (mm) | Material | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| 110 | 60 | Plastic | 1 | D | **M522019** |

## 90° CONNECTING BEND FOR FLAT & ROUND DUCTS



| Width (mm) | Height (mm) | Connection diameter (mm) | Material | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| 110 | 55 | 100 | Plastic | 1 | D | **M522018** |

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## ROUND TO FLAT CONNECTOR

| Width (mm) | Height (mm) | Connection diameter (mm) | Material | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| 110 | 55 | 100 | Plastic | 1 | D | **M522014** |



## CONNECTOR WITH BACKDRAFT DAMPER AND WALL PLATE FOR ROUND DUCTS

| Length (mm) | Width (mm) | Height (mm) | Connection diameter (mm) | Material | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|
| 150 | 62 | 134 | 100 | Plastic | 1 | D | **M522115** |



## 90° CONNECTING BEND FOR ROUND DUCTS

| Connection diameter (mm) | Material | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| 100 | Plastic | 1 | D | **M522013** |



## T-JOINT FOR ROUND DUCTS

| Connection diameter (mm) | Material | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| 100 | Plastic | 1 | D | **M522012** |



## CONNECTOR WITH BACKDRAFT DAMPER FOR ROUND DUCTS

| Connection diameter (mm) | Material | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| 100 | Plastic | 1 | D | **M522010** |

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## UNIVERSAL REDUCTOR PVC Ø100- Ø150

| Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|
| 12 | D | **500109** |



## FRONT MASK WITH SHUTTER ADJUSTABLE

| Diameter (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| 100 / 120 | 20 | D | **500108** |



## VENTILATION GRILL PVC

| For fan with Diameter (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| 100 | 30 | D | **500111** |
| 125 | 30 | D | **500112** |



## RING

| For fan with Diameter (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| 100 | 100 | D | **500106** |
| 120 | 100 | D | **500107** |



## VENTILATION ANEMOSTAT PVC

| For fan with Diameter (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|
| 100 | 10 | D | **500113** |
| 125 | 10 | D | **500114** |

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## AIR CONDUIT METAL CLAMPS



| Connection diameter (mm) | Material | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| 90-110 | Metal | 1 | D | **M522036** |
| 110-130 | Metal | 1 | D | **M522089** |

## METAL FAN GRILLS



| Connection diameter (mm) | Width (mm) | Material | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| 125 | 125 | Metal | 1 | D | **M522049T** |
| 150 | 150 | Metal | 1 | D | **M522050T** |
| 200 | 200 | Metal | 1 | D | **M522139** |

## FAN GRILLS WITH BACKDRAFT DAMPER



| Length (mm) | Width (mm) | Material | Connection diameter (mm) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| 154 | 154 | ABS | 100 | 1 | D | **M522034** |
| 186 | 186 | Metal | 125 | 1 | D | **M522078** |

## REVISION OPENING PVC



| Length (mm) | Height (mm) | Material | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| 150 | 150 | Plastic | 1 | D | **M522001T** |
| 150 | 200 | Plastic | 1 | D | **M522002T** |
| 200 | 200 | Plastic | 1 | D | **M522003T** |
| 200 | 250 | Plastic | 1 | D | **M522004T** |
| 200 | 300 | Plastic | 1 | D | **M522005T** |
| 200 | 400 | Plastic | 1 | D | **M522006T** |
| 250 | 300 | Plastic | 1 | D | **M522007T** |
| 300 | 300 | Plastic | 1 | D | **M522008T** |
| 300 | 400 | Plastic | 1 | D | **M522009T** |

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# ELECTRIC WATER HEATERS

# TANK WATER HEATERS, BILIGHT SERIES








TESY
It's impressive

The appliances is intended to supply hot water to household sites equipped with a piping system working at pressure below 6 bar (0,6 Mpa). Abundant selection of vertical and horizontal models that easily fits in narrow and limited spaces. A distinctive feature of all BiLight electric water heaters is the two-colour indication, which visualises the two operating modes: red light for Heating Mode and blue light for Ready-to-use Mode.

**FEATURES:**

- Copper heating element
- BiLight indication: red light for heating mode anf blue light for ready to use mode
- Piston effect: ensuring up to 15% more hot water.The nozzle slows down the mixing of the incoming cold water and the water already heated in the appliance through leveling the pressures in the mixing area
- On/Off switch
- Anti-freeze function
- Eco position of the thermoregulator for cost efficient and prolonged operation
- No thermal bridge
- Stainless steel pipe
- Plasma welding
- Energy class C

**MARKETS:**

Water heaters with rated power 3000W and 2000W 50L are available for BG market.
2000W: Available for RO; RS; CR & SI markets.
4000W floor mounting type: Available only for EL market.

**SUPPORT:**

Warranty and service support is possible only in the countries where the products are offered.

| Model | Rated power (W) | Volume (L) | Mounting type | Width (mm) | Height (mm) | Depth (mm) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| GCV 50 38 20 B11 TSR | 2000 | 50 | vertical | 440 | 595 | 467 | G | **M030167** |
| GCV 80 38 30 B11 TSR | 3000 | 80 | vertical | 386 | 1205 | 412 | G | **M030300** |
| GCV 80 44 30 B11 TSR | 3000 | 82 | vertical | 440 | 845 | 467 | G | **M030114** |
| GCV 100 44 30 B11 TSR | 3000 | 100 | vertical | 440 | 985 | 467 | G | **M030402** |
| GCH 80 44 30 B12 TSR | 3000 | 82 | horizontal right | 780 | 450 | 460 | G | **M030139** |
| GCHL 80 44 30 B12 TSR | 3000 | 82 | horizontal left | 855 | 440 | 467 | G | **M030131** |
| GCV 804420 B11 TSR | 2000 | 82 | vertical | 440 | 845 | 467 | G | **M030415** |
| GCV 1004420 B11 TSR | 2000 | 100 | vertical | 440 | 985 | 467 | G | **M030416** |
| GCHF 604440 B12 R | 4000 | 50 | floor | 440 | 675 | 467 | G | **M030411** |
| GCHF 804440 B12 R | 4000 | 82 | floor | 440 | 885 | 467 | G | **M030412** |
| GCHF 1004440 B12 R | 4000 | 100 | floor | 440 | 955 | 467 | G | **M030413** |



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# TANK WATER HEATERS, ANTICALC SERIES




TESY
It's impressive

The water heaters in the Anticalc series have been developed for long-term and reliable operation in households supplied with hard, highly mineralised and/or chemically aggressive water. The enlarged area of the dual heating element, housed in an enamelled steel enclosers with a smooth surface, substantially slows down and limits the process of limescale deposit. The appliances in the family work noiselessly and are easy to service, as they do not require preliminary draining of the water tank.

**FEATURES:**
- Dual dry heating element
- Protection against limescale
- Noiseless operation
- Easy maintenance
- Two power settings
- External regulator
- Cost efficient operation
- Precise capillary thermostat
- Extented product life
- Energy class C

**MARKETS:**
Water heaters with catalogue numbers M030406; M030407; M030408 are available only for BG market. Water heaters with catalogue numbers M030417; M030418; M030419 are available for RS, RO, CR & SI markets.

**SUPPORT:**
Warranty and service support is ossible only in the countries where the products are offered

| Model | Rated power (W) | Volume (L) | Mounting type | Width (mm) | Height (mm) | Depth (mm) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| GCV 803824D B14 TSR | 2400 | 80 | vertical | 386 | 1220 | 412 | G | **M030406** |
| GCV 804424D B14 TSR | 2400 | 82 | vertical | 440 | 858 | 468 | G | **M030407** |
| GCV 1004424D B14 TSR | 2400 | 100 | vertical | 440 | 998 | 468 | G | **M030408** |
| GCV 803824D B14 TBR | 2400 | 80 | vertical | 386 | 1220 | 412 | G | **M030417** |
| GCV 804424D B14 TBR | 2400 | 82 | vertical | 440 | 858 | 468 | G | **M030418** |
| GCV 1004424D B14 TBR | 2400 | 100 | vertical | 440 | 998 | 468 | G | **M030419** |

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## TANK WATER HEATERS, BELLISLIMO SERIES




TESY
It's impressive

BelliSlimo is a fusion of intelligent high-tech advantages and an exclusive Italian design rendering flat and slim silhouette, attainting a space-saving compact size, which ensures easy installation according to various needs. BelliSlimo is reversible and appears both as a horizontal and a vertical piece of art for everyone's taste and space. It raises the bar as it implements next-generation technology and delivers ultimate comfort by combining user-friendly electronic panel and all distinctive TESY advanced innovations. The ECO Smart mode grants an optimum operation with a low energy consumption, achieving the highest possible Energy Class B in its range.

**FEATURES:**
- Work-on-demand mode: BelliSlimo calculates the time required for your water to heat up just in time.
- Energy class B: The highest energy class in its category.
- Reversible: Can be installed vertically or horizontally.
- Eco smart mode: Self-learning and selfmanagement
- Double tank: Two water tanks with separate copper heating elements.
- Quick first shower
- Vacation mode: to reduce water heater's and energy consumption activity.
- Boost function
- Reverce counter: Counts down until the water heater reaches the desired temperature.
- Copper heating element
- Energy class B

**MARKETS:**
Available for BG; RO; RS; CR; SI & EL Markets.

**SUPPORT:**
Warranty and service support is possible only in the countries where the products are offered

| Model | Rated power (W) | Volume (L) | Mounting type | Width (mm) | Height (mm) | Depth (mm) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| GCR 80 27 22 E31 EC | 2200 | 65 | vertical/horizontal | 490 | 1057 | 280 | G | **M030409** |
| GCR 100 27 22 E31 EC | 2200 | 80 | vertical/horizontal | 490 | 1287 | 280 | G | **M030410** |



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# TANK WATER HEATER, MODECO CERAMIC




TESY
It's impressive

"Next-generation electric water heaters, combining modern design and eco-friendly smart technology. The 32 mm highly efficient PU insulation guarantees low thermal losses, meeting the highest requirements of the European markets. Equipped with a ceramic heating element, providing reliable protection against aggressive water."

**FEATURES:**

- Ceramic heating element
- Limescale protection
- Noiless operation
- Quick first shower
- Easy maintenance without draining
- Two power settings
- BiLight indication: red light for heating mode anf blue light for ready to use mode
- Piston effect: ensuring up to 15% more hot water.The nozzle slows down the mixing of the incoming cold water and the water already heated in the appliance through leveling the pressures in the mixing area
- No thermal bridge
- Stainless steel pipe
- Plasma welding
- Energy class B: The highest energy class in its category.

**MARKETS:**
Available for BG; RO; RS & EL Markets.

**SUPPORT:**
Warranty and service support is possible only in the countries where the products are offered

| Model | Rated power (W) | Volume (L) | Mounting type | Width (mm) | Height (mm) | Depth (mm) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| GCV 80 47 24D C21 TS2R | 2400 | 82 | vertical | 470 | 845 | 496 | G | **M030302** |



*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days.*

Smartphone Control WiFi




TESY
It's impressive

## TANK WATER HEATER, MODECO CLOUD

"Next-generation electric water heaters, combining modern design and eco-friendly smart technology. The 32 mm highly efficient PU insulation guarantees low thermal losses, meeting the highest requirements of the European markets. Providing the comfort to monitor and control your EWH via Internet anytime, anywhere"

**FEATURES:**

- Control via internet: Easy installation and connection of the water heater to the TESY Cloud app. Real-time monitoring and control of the water heater anytime, anywhere. Energy consumption monitoring through the energy calculator.
- Self-learning ECO SMART MODE for additional comfort and lower thermal losses.
- Touch-control panel and LCD display with crystal clear visualisation.
- Ceramic heating element
- Limescale protection
- Noiless operation
- Quick first shower
- Easy maintenance
- Two power settings
- BiLight indication: red light for heating mode anf blue light for ready to use mode
- Piston effect: ensuring up to 15% more hot water.The nozzle slows down the mixing of the incoming cold water and the water already heated in the appliance through leveling the pressures in the mixing area
- No thermal bridge
- Stainless steel pipe
- Plasma welding
- Vacation mode
- Boost function
- Energy class B: The highest energy class in its category.

**MARKETS:**
Available for BG; RO; RS; & EL Markets.

**SUPPORT:**
Warranty and service support is possible only in the countries where the products are offered

| Model | Rated power (W) | Volume (L) | Mounting type | Width (mm) | Height (mm) | Depth (mm) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| GCV 80 47 24D C21 ECW | 2400 | 82 | vertical | 470 | 845 | 496 | G | **M030307** |



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## TANK WATER HEATERS, SIMPATECO SERIES




TESY
It's impressive

The appliances is intended to supply hot water to household sites equipped with a piping system working at pressure below 6 bar (0,6 Mpa)

**FEATURES:**
- Copper heating element
- Light indication: red light for heating mode anf blue light for ready to use mode
- Eco position of the thermoregulator for cost efficient and prolonged operation
- Stainless steel pipe
- Energy class C

**MARKETS:**
Available only for BG market.

**SUPPORT:**
Warranty and service support is possible only in BULGARIA

| Model | Rated power (W) | Volume (L) | Mounting type | Width (mm) | Height (mm) | Depth (mm) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| CTV 503820 B11 TSR | 2000 | 50 | vertical | 386 | 803 | 386 | G | **M030403** |
| CTV 803830 B11 TSR | 3000 | 80 | vertical | 386 | 1205 | 412 | G | **M030404** |
| CTV 804430 B11 TSR | 3000 | 82 | vertical | 440 | 845 | 467 | G | **M030405** |

## INSTANTANEOUS WATER HEATERS, INSTALINE SERIES




The appliance is an electric domestic water heater with instantaneous effect (constant flow heater). It is used for supplying hot water in domestic and office environment - kitchens, bathrooms, supporting office premises, etc.

**FEATURES:**
- Elegant design and compact size
- Ultra fast reaching of the desired temperature
- In-built stabilization of the water temperature
- Overheating protection
- Light indicator
- 360°easy installation
- Energy class A

**MARKETS:**
Available for: BG; RO; RS; CR, SI & EL markets.

**SUPPORT:**
Warranty and service support is possible only in the countries where the products are offered.

| Model | Rated power (W) | Width (mm) | Height (mm) | Depth (mm) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| IWH 35 X02 KI 3500 | | 130 | 200 | 76 | G | **M030400** |
| IWH 50 X02 KI 5000 | | 130 | 200 | 76 | G | **M030401** |



***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days.***

# TANK WATER HEATERS, COMPACT SERIES






The water heaters of the Compact family are suitable for installation in small and narrow spaces close to the point of use of hot water. Depending on the room interior and the existing utilities, such appliances can be installed under or above a sink or mixing tap.
The flat base of the 10 l and 15 l models for under-the-point-of-use installation allows direct on-floor or in-cupboard placement, which avoids wall drilling.

**FEATURES:**
- Elegant compact design
- Saves space
- Convenient push-push thermoregulator for smooth water temperature setting
- Red light indication for heating mode
- Blue light indication for ready-to-use mode
- Above and under the sink installation
- Energy class B
- Energy class A (Cat. Number M030102)

**MARKETS:**
2000W: Available for BG market;
1500W: Available for RO; RS, CR, SI & EL market.

**SUPPORT:**
Warranty and service support is possible only in the countries where the products are offered

TESY
It's impressive

| Model | Rated power (W) | Volume (L) | Mounting type | Width (mm) | Height (mm) | Depth (mm) | Product category | Catalogue number |
|---|---|---|---|---|---|---|---|---|
| GCA 1020 L52 RC | 2000 | 10 | above sinks | 377 | 399 | 247 | G | **M030102** |
| GCA 15 20 L52 RC | 2000 | 15 | above sinks | 377 | 399 | 304 | G | **M030019** |
| GCU 1020 L52 RC | 2000 | 10 | under sinks | 377 | 399 | 247 | G | **M030134** |
| GCU 15 20 L52 RC | 2000 | 15 | under sinks | 377 | 399 | 304 | G | **M030104** |
| GCA 1015 L52 RC | 1500 | 10 | above sinks | 377 | 399 | 247 | G | **M030420** |
| GCA 1515 L52 RC | 1500 | 15 | above sinks | 377 | 399 | 304 | G | **M030421** |
| GCU 1015 L52 RC | 1500 | 10 | under sinks | 377 | 399 | 247 | G | **M030422** |
| GCU 1515 L52 RC | 1500 | 15 | under sinks | 377 | 399 | 304 | G | **M030423** |



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# SMART HOME CONTROL

IP20

## ONE CHANNEL RECHARGEABLE LED PANEL REMOTE

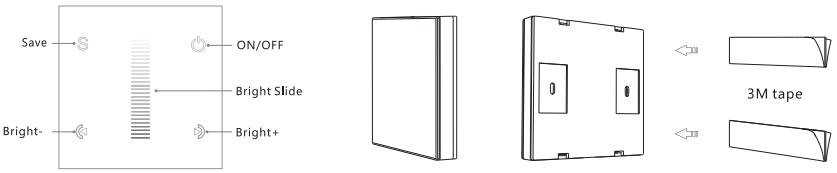
3+0 standard +extended 3 YEAR TOTAL WARRANTY



**FUNCTION:**
- To control single color LED lamp
- Removeable and stick easily
- With on/off state and touch operation indication
- Can remote control multiple controllers or lamps
- High precision touch chip with high sensitive & high stability touch control

**TECHNICAL DATA:**
- Wireless control (remote distance): 30m
- Standby time: 6 months
- Built-in rechargeable Li-Battery
- Working temperature: -30°C~55°C
- Product size: L86×W86×H13.5mm

Full info for the products, instructions, can be found at www.elmarkholding.eu



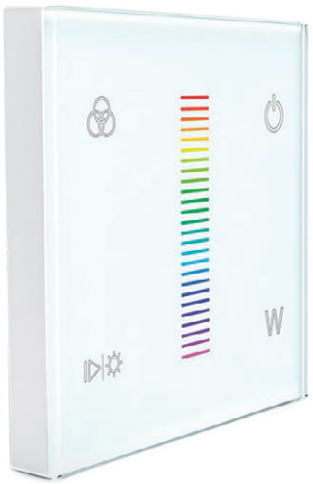

| Output signal | Li-battery capacity | Working current | Standby current | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| RF(2.4G) | 200mAh | <20mA | < 30μA | 1/200 | F | **99TOUCHUSB1** |

UNTIL SUPPLY LAST

IP20

## FOUR CHANNEL RECHARGEABLE LED PANEL REMOTE

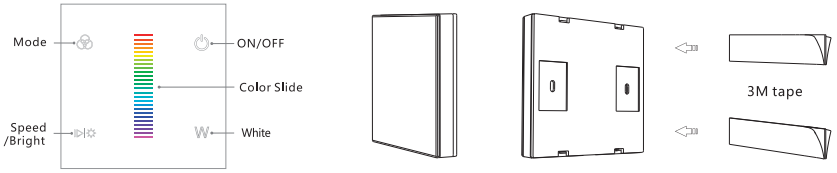
3+0 standard +extended 3 YEAR TOTAL WARRANTY



**FUNCTION:**
- To control LED one-four colors
- Removeable and stick easily
- With on/off state and touch operation indication
- Can remote control multiple controllers or lamps
- High precision touch chip with high sensitive & high stability touch control

**TECHNICAL DATA:**
- Wireless control (remote distance): 30m
- Standby time: 6 months
- Built-in rechargeable Li-Battery
- Working temperature: -30°C~55°C
- Product size: L86×W86×H13.5mm

Full info for the products, instructions, can be found at www.elmarkholding.eu




| Output signal | Li-battery capacity | Working current | Standby current | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| RF(2.4G) | 200mAh | <20mA | < 30μA | 1/200 | F | **99TOUCHUSB4** |

UNTIL SUPPLY LAST

IP20

## ONE CHANNEL FOUR ZONES REMOTE

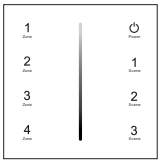
3+0 standard +extended 3 YEAR TOTAL WARRANTY




**FUNCTION:**
- To control single color LED lamp
- Removeable and stick easily
- With on/off state and touch operation indication
- Can remote control multiple controllers or lamps
- High precision touch chip with high sensitive & high stability touch control

**TECHNICAL DATA:**
- Wireless control (remote distance): 30m
- Standby time: 6 months
- Built-in rechargeable Li-Battery
- Working temperature: -30°C~55°C
- Product size: L86×W86×H13.5mm

Full info for the products, instructions, can be found at www.elmarkholding.eu



Turn on/off all zone light.
Brightness slide.
1 2 3 — Short press recall scene. Long press 2s to save the current state into 1/2/3.
1 2 3 4
Short press turn on zone light and select zone simultaneously, long press 2s turn off zone light.
4 zone control seperately or synchronously, each zone could control multiple receivers.

| Output signal | Battery capacity | Working current | Standby current | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| RF(2.4G) | 2xAAA | <20mA | < 20μA | 1/200 | D | **99TOUCHB1** |

IP20

## FOUR CHANNEL FOUR ZONES REMOTE

3+0 standard +extended 3 YEAR TOTAL WARRANTY




**FUNCTION:**
- To control one-four colours
- Removeable and stick easily
- With on/off state and touch operation indication
- Can remote control multiple controllers or lamps
- High precision touch chip with high sensitive & high stability touch control

**TECHNICAL DATA:**
- ireless control (remote distance): 30m
- tandby time: 6 months
- uilt-in rechargeable Li-Battery
- orking temperature: -30°C~55°C
- roduct size: L86×W86×H13.5mm

Full info for the products, instructions, can be found at www.elmarkholding.eu



Turn on/off all zone light.
Color slide.
M — Short press play 10 built-in mode, long press run mode-cycle.
Adjust dynamic mode speed or static color brightness, 10 levels.
W — Short press turn on/off W channel, long press adjust W channel brightness.
1 2 3 4
Short press turn on zone light and select zone simultaneously, long press 2s turn off zone light.
4 zone control seperately or synchronously, each zone could control multiple receivers.

| Output signal | Battery capacity | Working current | Standby current | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| RF(2.4G) | 2xAAA | <20mA | < 20μA | 1/200 | D | **99TOUCHB4** |

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## TOUCH AC TRIAC RF DIMMER

3+0 standard +extended 3 YEAR TOTAL WARRANTY

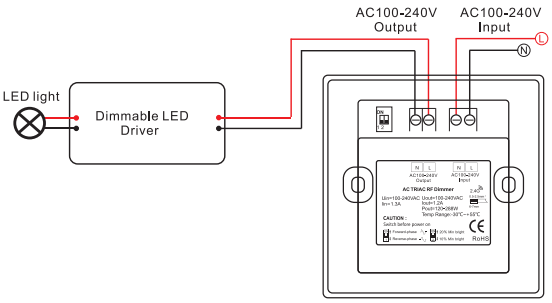


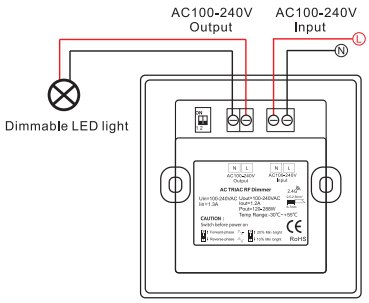

**FUNCTION:**
- Control is done by installed IOS or Android application
- To dim and switch single color dimmable LED lamps,traditional incandescent and halogen lights
- Ultra sensitive high strength glass touch panel with touch brightness slide in the middle and backlighting
- Triac and Mosfet dimmable
- Workt with direct connected dimmable light
- Great compatibility with a variety of dimming remoter
- Leading edge dimming or trailing edge dimming set by dip switch
- Minimum brightness set by dip switch
- Change brightness, support push,long push operation

**TECHNICAL DATA:**
- Adopt 2.4GHz wireless technology
- Wireless control (remote distance): 30m
- Input voltage: 100-240VAC
- Output voltage: 100-240VAC
- Working temperature: -30°C~55°C
- Product size: L86×W86×H50mm

Download Skydance Application from Android market or Apple store.

Full info for the products, instructions, can be found at www.elmarkholding.eu




| Input voltage | Output voltage | Output current | Output power | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| 100- 240VAC | 100- 240VAC | 1Channel x 1.2A | 100- 240VAC-288W | 1/200 | D | **99TOUCH1** |

GET IT ON Google Play | Download on the App Store
Smartphone Control | IP20

## RF AC TRIAC ROTARY DIMMER

3+0 standard +extended 3 YEAR TOTAL WARRANTY



**FUNCTION:**
- Control is done by installed IOS or Android application
- To dim and switch single color dimmable LED lamps,traditional incandescent and halogen lights
- Ultra sensitive high strength glass touch panel with touch brightness slide in the middle and backlighting
- Triac and Mosfet dimmable
- Workt with direct connected dimmable light
- Great compatibility with a variety of dimming remoter
- Leading edge dimming or trailing edge dimming set by dip switch
- Minimum brightness set by dip switch
- Rotate knob to change brightness, support push,long push operation

**TECHNICAL DATA:**
- Adopt 2.4GHz wireless technology
- Wireless control (remote distance): 30m
- Input voltage: 100-240VAC
- Output voltage: 100-240VAC
- Working temperature: -30°C~55°C
- Product size: L86×W86×H50mm

Download Skydance Application from Android market or Apple store.

Full info for the products, instructions, can be found at www.elmarkholding.eu

| Input voltage | Output voltage | Output current | Output power | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| 100- 240VAC | 100- 240VAC | 1Channel x 1.2A | 100- 240VAC-288W | 1/200 | D | **99DIMMERR** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

IP20

## SINGLE ZONE RF REMOTE CONTROLLER

3+0 standard +extended 3 YEAR TOTAL WARRANTY




**FUNCTION:**
- Match with single color dimming receiver- 99RECEIVER1
- Operate with LED indicator light
- Can match one or more receiver

**TECHNICAL DATA:**
- Working volatage: 3VDC
- Wireless control (remote distance): 30m
- Standby time: 6 months
- CR2032 button battery power supply
- Product size: L107×W58.5×H9mm

Full info for the products, instructions, can be found at www.elmarkholding.eu

| Output signal | Working voltage | Working current | Standby current | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| RF(2.4GHz) | 3VDC(CR2032) | <20mA | <10μA | 1/150 | D | **99REMOTE1** |

IP20

## SINGLE ZONE RF RGBW REMOTE CONTROLLER

3+0 standard +extended 3 YEAR TOTAL WARRANTY




**FUNCTION:**
- Match with one channel and four channel dimming receivers- 99RECEIVER1 and 99RECEIVER4
- Suitable to single color, dual color, RGB, RGBW or RGB+CCT LED controller
- Operate with LED indicator light
- Can match one or more receiver

**TECHNICAL DATA:**
- Working volatage: 3VDC
- Wireless control (remote distance): 30m
- Standby time: 6 months
- Battery: 2 x AAA
- Product size: L107×W58.5×H9mm

Full info for the products, instructions, can be found at www.elmarkholding.eu

| Output signal | Working voltage | Working current | Standby current | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| RF(2.4GHz) | 3VDC(CR2032) | <20mA | <10μA | 1/150 | D | **99RGBREMOTE1** |

IP20

## FOUR ZONE RF RGBW REMOTE CONTROLLER

3+0 standard +extended 3 YEAR TOTAL WARRANTY




**FUNCTION:**
- Match with one channel and four channel dimming receivers- 99RECEIVER1 and 99RECEIVER4
- Four way control
- Suitable to single color, dual color, RGB, RGBW or RGB+CCT LED controller
- Operate with LED indicator light
- Can match one or more receiver

**TECHNICAL DATA:**
- Working volatage: 3VDC
- Wireless control (remote distance): 30m
- Standby time: 6 months
- Battery: 2 x AAA
- Product size: L122×W53×H17.5mm

Full info for the products, instructions, can be found at www.elmarkholding.eu

| Output signal | Working voltage | Working current | Standby current | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| RF(2.4GHz) | 3VDC(CR2032) | <20mA | <10μA | 1/150 | D | **99RGBREMOTE4** |

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Smartphone Control | WiFi
IP20

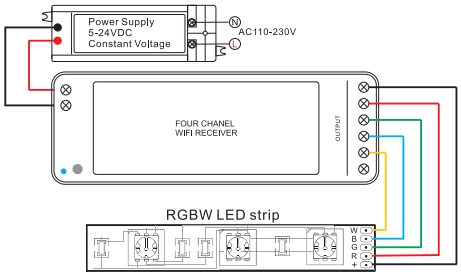



## FOUR CHANNEL CONSTANT VOLTAGE RECEIVER

3+0 standard +extended | 3 YEAR TOTAL WARRANTY

**FUNCTION:**
- Four channel 2.4GHz RF wireless LED lighting dimming reciever
- Work as ON/OFF switch and RGBW controler with RGBW remoter
- Can also be used for RGB, RGBW, 2 x dual colour, 4 x single color LED strips
- Full compatibility with a variety of single color, dual color and RGB/RGBW remoters
- Through jump, strobe, gradual change style, fine adjust color, realize thousands of powerful editing effect
- 32 change mode optional
- Changing mode or loop mode can be stored to 8 scenes, or timming run
- Control is done by remote control, dimmer switch and/or installed IOS or Android application
- For more power control it can be equiped with amplifier

**TECHNICAL DATA:**
- Wireless control (remote distance): 30m
- Dimming range: 0-100%
- Product size: L97×W33×H18mm




| Input voltage | Output current | Output power (12V) | Output power (24V) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| 12-24 VDC | 4Channel 4 x 3A | 0 - 144W | 0 - 288W | 1/100 | D | **99RGBWF4** |

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Smartphone Control | WiFi
IP20



## WIFI RELAY CONTROLLER

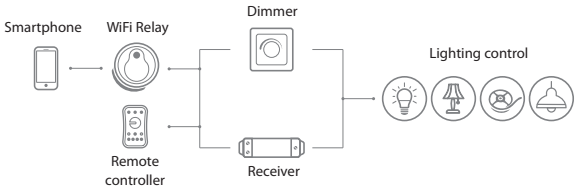
3+0 standard +extended | 3 YEAR TOTAL WARRANTY

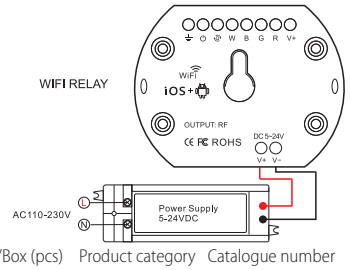
**FUNCTION:**
- Convert WiFi to RF signal
- It used to carry 1-16 constant voltage receiver with different channel number
- WiFi-Relay controller control up to 16 zones lamp with any light type
- Can not control lamp directly

Download Skydance Application from Android market or Apple store.

Full info for the products, instructions, can be found at www.elmarkholding.eu

**TECHNICAL DATA:**
- Input voltage: 5-24VDC
- Wireless control (remote distance): 30m
- Product size: D72×H18mm




| Input voltage | Output current | Output power (12V) | Output power (24V) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| 5-24 VDC | - | - | - | 1/100 | D | **99RWIFI** |

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Smartphone Control | IP20

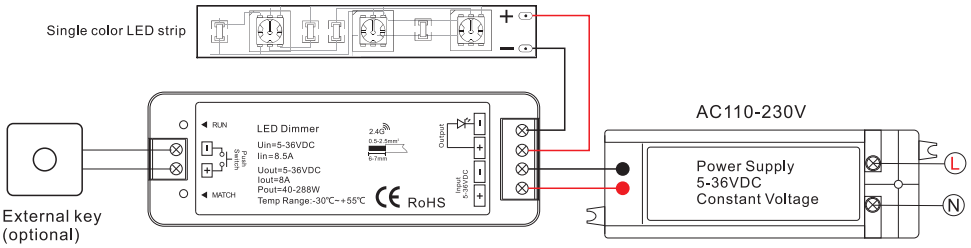
## ONE CHANNEL LED DIMMING RECEIVER

3+0 standard +extended 3 YEAR TOTAL WARRANTY



**FUNCTION:**
- One channel 2.4GHz RF wireless LED lighting dimming receiver
- Work as ON/OFF switch and dimming
- Control is done by remote control, dimmer switch and/or installed IOS or Android application
- For more power control it can be equiped with amplifier

**TECHNICAL DATA:**
- Input voltage: 5-36VDC
- Output power: 5VDC: 0-40W; 12VDC: 0-96W; 24VDC: 0-192W; 36VDC: 0-288W
- Dimming range: 0-100%
- Product size: L97×W33×H18mm




| Input voltage | Output current | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| 5-36 VDC | 1Channel x 8A | 1/150 | D | **99RECEIVER1** |

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Smartphone Control | IP20

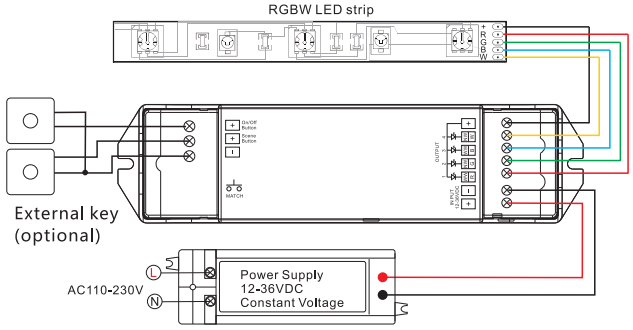
## FOUR CHANNEL LED DIMMING RECEIVER

3+0 standard +extended 3 YEAR TOTAL WARRANTY



**FUNCTION:**
- Four channel 2.4GHz RF wireless LED lighting dimming receiver
- Control is done by remote control, dimmer switch and/or installed IOS or Android application
- Work as ON/OFF switch and RGBW controler with RGBW remoter, create colorful static or dynamic effect
- Can also be used for RGB, RGBW, 2 x dual colour, 4 x single color LED strips
- Full compatibility with a variety of single color, dual color and RGB/RGBW remoters
- When control RGB/RGBW lamp, built in 30 change mode optional
- For more power control it can be equiped with amplifier

**TECHNICAL DATA:**
- Input voltage: 12-36VDC
- Output power: 12VDC: 0-240W; 24VDC: 0-480W; 36VDC: 0-720W
- Dimming range: 0-100%
- Product size: L97×W33×H18mm




| Input voltage | Output current | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| 12-36VDC | 4Channel 4 x 5A | 1/150 | D | **99RECEIVER4** |

IP20

## ONE CHANNEL POWER REPEATER

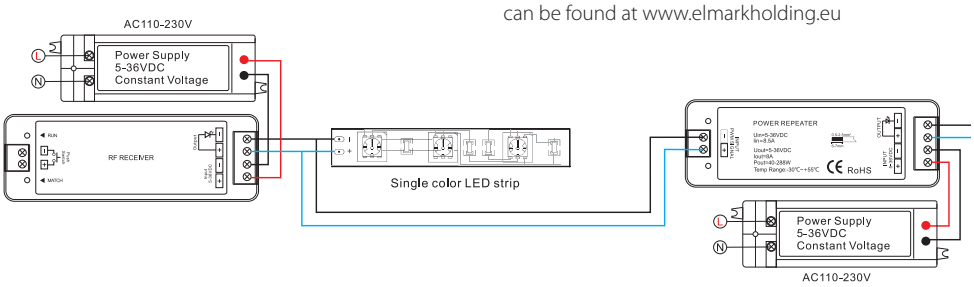
3+0 standard +extended 3 YEAR TOTAL WARRANTY




**FUNCTION:**
- It's used along with 99RECEIVER1, in case we want to increase the output power, for the contol of several light sources
- It can be used unlimited number of amplifiers, connected in parallel or
- successively without reflecting the sincronization of the control itself

**TECHNICAL DATA:**
- Input voltage: 5-36VDC
- Output power: 5VDC: 40W; 12V: 96W; 24V: 192W; 36V: 288W
- Output current: 1x8A
- Product size: L97×W33×H18mm

Full info for the products, instructions, can be found at www.elmarkholding.eu




| Input voltage | Output current | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| 5-36 VDC | 1Channel x 8A | 1/200 | D | **99REPEATER1** |

IP20

## FOUR CHANNEL POWER REPEATER

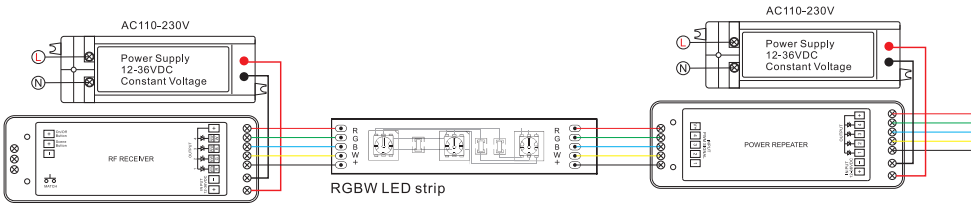
3+0 standard +extended 3 YEAR TOTAL WARRANTY




**FUNCTION:**
- It's used along with 99RECEIVER4, in case we want to increase the output power, for the contol of several light sources
- It can be used unlimited number of amplifiers, connected in parallel or
- successively without reflecting the sincronization of the control itself

**TECHNICAL DATA:**
- Input voltage: 12-36VDC
- Output power: 12V: 240W; 24V: 480W; 36V: 720W
- Output current: 1x8A
- Product size: L175×W45×H27mm

Full info for the products, instructions, can be found at www.elmarkholding.eu



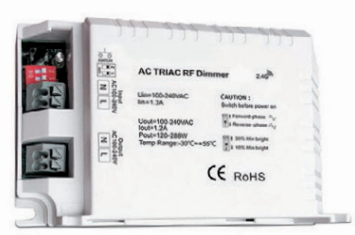

| Input voltage | Output current | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| 12-36VDC | 4Channel 4 x 5A | 1/200 | D | **99REPEATER4** |

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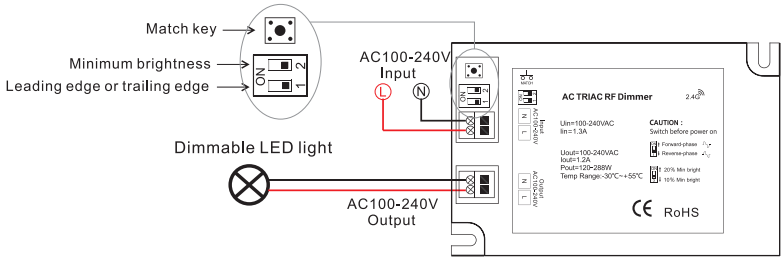
## AC TRIAC RF DIMMER

3+0 standard +extended 3 YEAR TOTAL WARRANTY




**FUNCTION:**
- AC phase cut RF dimmer
- Control is done by installed IOS or Android application
- Control is done by remote control
- To dim and switch single color dimmable LED lamps, traditional incandescent and halogen lights
- Triac and Mosfet dimmable
- Leading edge dimming or trailing edge dimming set by dip switch
- Minimum brightness set by dip switch

**TECHNICAL DATA:**
- Wireless control (remote distance): 30m
- Output voltage: 100-240VAC
- Output power: 240VAC: 288W
- Product size: L103×W67×H30mm




| Input voltage | Output current | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| 100- 240VAC | 1Channel x 1.2A | 1/300 | D | **99DIMMERT1** |

GET IT ON Google Play | Download on the App Store
Smartphone Control | IP20

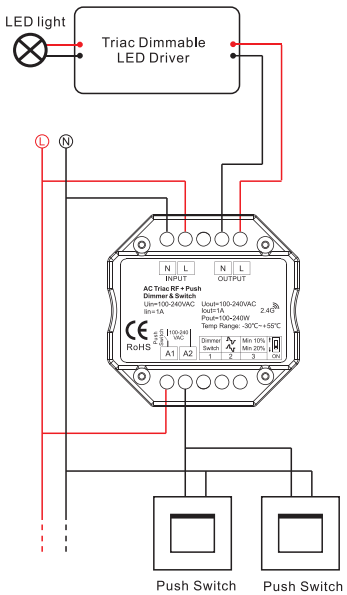
## AC TRIAC RF DIMMER SWITCH

3+0 standard +extended 3 YEAR TOTAL WARRANTY




**FUNCTION:**
- AC phase cut RF dimmer switch
- Control is done by installed IOS or Android application
- Control is done by remote control. Can accept up to 10 remote control
- Suitable to use with dimmer switch. Great compatibility with a variety of dimming remote
- Suitable to mounting in standard panel bottom box
- To dim and switch single color dimmable LED lamps, traditional incandescent and halogen lights
- Triac and Mosfet dimmable
- Leading edge dimming or trailing edge dimming set by dip switch
- Minimum brightness set by dip switch

**TECHNICAL DATA:**
- Wireless control (remote distance): 30m
- Input voltage: 100-240VAC
- Output voltage: 100-240VAC
- Output power: 240VAC: 240W
- Product size: L52×W25×H26mm




| Input voltage | Output current | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| 100- 240VAC | 1Channel x 1A | 1/200 | D | **99DIMMERMT** |

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## ONE CHANNEL SMART WIFI GLASS TOUCH PANEL

3+0 standard +extended 3 YEAR TOTAL WARRANTY

**FUNCTION:**
- Touch ON/OF
- Real-time turn ON/OF lighting from anywhere
- Control is done from anywhere with IOS or Android mobile application
- Time seting function- turn ON/OF at specified time after seting
- Through jump, strobe, gradual change style, fine adjust color, realize thousands of powerful editing effect
- Turn ON/OF a gang of devices with one tap
- Control can by shared to another mobile phones
- Control electrical devices over Wi-Fi
- Supports max 8 enabled timing tasks
- EU standard
- Possibility to voice control with AMAZON ALEXA, Google Home(Stay tuned)
- Works with GOOGLE NEST

**TECHNICAL DATA:**
- Input voltage: 90-250VAC
- Output power: 400W
- Output current: 2A
- Frequency: 2.4Ghz
- Working temperature: 0°C-40°C (32°F-104°F).
- Humidity: 5%-90%RH, Non-condensing

Download EWeLink Application from Android market or Apple store.

Full info for the products, instructions, can be found at www.elmarkholding.eu

| Input voltage | Output current | Output power | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| 90-250V AC | 2A | 400 W | white | 1/1000 | D | **195020** |

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IP20



195021



195022

## WIFI SMART PLUG-IN SOCKET GERMAN/UK TYPE

3+0 standard +extended 3 YEAR TOTAL WARRANTY

**FUNCTION:**
- Tourn ON/OF electrical devices from enywhere
- Real time control status
- Control is done from anywhere with IOS or Android mobile application
- Time seting function- turn ON/OF at specified time after seting
- Turn ON/OF a gang of devices with one tap
- Control can by shared to another mobile phones
- Control electrical devices over Wi-Fi
- Supports max 8 enabled timing tasks
- German / UK standard
- Possibility to voice control with AMAZON ALEXA, Google Home(Stay tuned)
- Works with GOOGLE NEST
- Security mechanism: WEP/WPA-PSK/WPA2-PSK/WPA/WPA2/WAPI/WPS2

**TECHNICAL DATA:**
- Input voltage: 90-250VAC
- Output power: 2000W
- Output current: 10A
- Frequency: 2.4Ghz
- Working temperature: 0°C-40°C (32°F-104°F).
- Humidity: 5%-90%RH, Non-condensing

Download EWeLink Application from Android market or Apple store.

Full info for the products, instructions, can be found at www.elmarkholding.eu

| Socket Type | Input voltage | Output current | Output power | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| German | 90-250V AC | 10A | 2000 W | 1/900 | D | **195021** |
| UK | 90-250V AC | 10A | 2000 W | 1/200 | D | **195022** |

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Smartphone Control | WiFi

IP20



## WIFI SMART PLUG-IN SOCKET GERMAN TYPE

3+0 standard +extended 3 YEAR TOTAL WARRANTY

**FUNCTION:**
- Tourn ON/OF electrical devices from enywhere
- Real time control status
- Control is done from anywhere with IOS or Android
- mobile application
- Time seting function- turn ON/OF at specified time
- after seting
- Turn ON/OF a gang of devices with one tap
- Control electrical devices over Wi-Fi
- Possibility to voice control with AMAZON ALEXA,
- Google assistant

**TECHNICAL DATA:**
Input voltage: 100-240VAC
Output power: 3500W
Output current: 10A
Frequency: 2.4Ghz
Working temperature: -10°C-50°C
Size (LxWxH)mm: 108x56x72

Download "Tuya smart" Application from Android market or Apple store.

Full info for the products, instructions, can be found at www.elmarkholding.eu

| Socket Type | Input voltage | Output current | Output power | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| German | 100-240V AC | 16A | 3500 W | 1/100 | D | **195023** |

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## ONE AND TWO CHANNEL SMART SWITCH

3+0 standard +extended 3 YEAR TOTAL WARRANTY



195001

**FUNCTION:**
- One and Two channel wireless ON/OF switch
- Real-time ON/OF devices status provided to application from anywhere
- Control is done from anywhere with IOS or Android mobile application
- Time seting function- turn ON/OF at specified time after seting
- Control can by shared to another mobile phones
- Control electrical devices over Wi-Fi
- Supports max 8 enabled timing tasks
- Possibility to voice control with AMAZON ALEXA, Google Home (Stay tuned)
- Works with GOOGLE NEST

**TECHNICAL DATA:**
- Input voltage: 90-250VAC
- Output power: 2000W per channel
- Output current: 10A per channel
- Frequency: 2.4Ghz
- Working temperature: 0°C-40°C (32°F-104°F).
- Humidity: 5%-90%RH, Non-condensing
- Product size: L88×W38×H23mm

Download EWeLink Application from Android market or Apple store.

Full info for the products, instructions, can be found at www.elmarkholding.eu



195004

| Input voltage | Output current | Output power | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| 90-250V AC | 10A | 2200 W | white | 1/800 | D | **195001** |
| 90-250V AC | 2x10A | 2x2200 W | white | 1/ 800 | D | **195004** |

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## WIRELESS SMART SWITCH WITH POWER CONSUMPTION MEASUREMENT

3+0 standard +extended 3 YEAR TOTAL WARRANTY



**FUNCTION:**
- Real-time ON/OF control and monitoring status from energy usage in a period via App (KWH calculator)
- Check energy usage daily and monthly via App
- Control is done from anywhere with IOS or Android mobile application
- This device works perfectly with electric fan, air conditioner, humidifier, smart fish tank, watering system, etc.
- Time seting function- turn ON/OF at specified time after seting
- Control can by shared to another mobile phones
- Control electrical devices over Wi-Fi
- Supports max 8 enabled timing tasks
- Possibility to voice control with AMAZON ALEXA, Google Home (Stay tuned)
- Works with GOOGLE NEST

**TECHNICAL DATA:**
Input voltage: 90-250VAC
Output power: 3500W
Output current: 16A
Frequency: 2.4Ghz
Working temperature: 0°C-40°C (32°F-104°F).
Humidity: 5%-90%RH, Non-condensing
Product size: L114×W52×H32mm

Download EWeLink Application from Android market or Apple store.

Full info for the products, instructions, can be found at www.elmarkholding.eu

| Input voltage | Output current | Output power | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| 90-250V AC | 16A | 3500 W | white | 1/800 | D | **195003** |

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**IP20**

## TEMPERATURE AND HUMIDITY MONITORING WIFI WIRELESS SWITCH

3+0 standard +extended 3 YEAR TOTAL WARRANTY



195002



195030



195031

**FUNCTION:**
- Real-time ON/OF control and monitoring status from temperature and humidity with sensor
- Can turn switch ON/OF electrical devices without monted
- sensor
- This device works perfectly with electric fan, air conditioner, humidifier,
- smart fish tank, watering system, etc
- Control is done from anywhere with IOS or Android mobile application
- Time seting function- turn ON/OF at specified time after seting
- Control can by shared- temperature and humidity to another mobile phones
- Supports max 8 enabled timing tasks
- Possibility to voice control with AMAZON ALEXA, Google Home(Stay tuned)
- Works with GOOGLE NEST

**TECHNICAL DATA:**
- Input voltage: 90-250VAC
- Output power: 3500W
- Output current: 16A
- Frequency: 2.4Ghz
- Working temperature: 0°C-40°C (32°F-104°F).
- Humidity: 5%-90%RH, Non-condensing
- Product size: L114×W52×H32mm

**SENSORS:**
- 195030 - High-precision temperature & humidity sensor, -40°C/+80°C, 0~99.9% RH
- 195031 - Waterproof temperature sensor, IP68, -55°C/+125°C

| Input voltage | Output current | Output power | Colour | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| 90-250V AC | 16A | 3500 W | white | 1/800 | D | **195002** |

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**IP20**

## SMART WIFI FOUR CHANNEL SWITCH

3+0 standard +extended 3 YEAR TOTAL WARRANTY



195006

**FUNCTION:**
- Real-time ON/OF switching electrical devices from anywhere
- This device is good for industrial control
- Three modes to work- Switch among interlock/self-locking/inching modes
- Posibility to turn on devices for 0,25-4 s
- Control each channel separately
- Control is done from anywhere with IOS or Android mobile application
- Time seting function- turn ON/OF at specified time after seting
- Control can by shared to another mobile phones
- Control electrical devices over Wi-Fi
- Supports max 8 enabled timing tasks
- Possibility to voice control with AMAZON ALEXA, Google Home(Stay tuned)
- Works with GOOGLE NEST

**TECHNICAL DATA:**
- Input voltage: 90-250VAC & 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

Download EWeLink Application from Android market or Apple store.

Full info for the products, instructions, can be found at www.elmarkholding.eu

| Input voltage | Output current | Output power | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| 90-250V AC / 5-24V DC | 4x10A | 4x2200 W | 1/ 350 | D | **195006** |

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**IP20**

## REMOTE CONTROL SWITCHES

3+0 standard +extended 3 YEAR TOTAL WARRANTY

**DESCRIPTION:**
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.

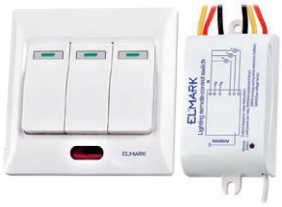
**TECHNICAL DATA:**
- Battery: 12V 23A
- Input voltage: 220- 230 VAC
- Cordless control of lighting fixtures
- Frequency: 315Mhz–433.92 Mhz



| Description | Operating distance in open air (m) | Output power (per way) ESL/ LED lamp | Incandescent lamp | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| One way output power | 50 | 200W | 600W | 1/60 | D | **99101** |



| Description | Operating distance in open air (m) | Output power (per way) ESL/ LED lamp | Incandescent lamp | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Two ways output power | 50 | 200W | 600W | 1/60 | D | **99102** |



| Description | Operating distance in open air (m) | Output power (per way) ESL/ LED lamp | Incandescent lamp | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Three way output power | 50 | 200W | 600W | 1/60 | D | **99103** |



| Description | Operating distance in open air (m) | Output power (per way) ESL/ LED lamp | Incandescent lamp | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Two ways output power- 2xE27 | 50 | 150W | 400W | 1/60 | D | **99104** |

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IP20

## 4 CHANNEL DIGITAL VIDEO RECORDERS

3+0 standard +extended 3 YEAR TOTAL WARRANTY



**TECHNICAL DATA:**

- Commpresion 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%

| Model | Channel | Input voltage | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| EL-4004 | 4 | 12V DC | 1 | D | **195060** |

IP20

## 8 CHANNEL DIGITAL VIDEO RECORDERS

3+0 standard +extended 3 YEAR TOTAL WARRANTY



**TECHNICAL DATA:**

- Commpresion 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%

| Model | Channel | Input voltage | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| EL-4008 | 8 | 12V DC | 1 | D | **195061** |

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IP66

## HD 2MP BULLET CAMERA IP66

3+0 standard +extended 3 YEAR TOTAL WARRANTY



**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
- Swaitch Button: AHD/TVI/CVI/CVBS

| Model | Input voltage | Packing/Box (pcs) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| EL-2232 | 12V DC | max 3W | 1 | D | **195054** |

IP66

## HD 2MP DOME CAMERA IP66

3+0 standard +extended 3 YEAR TOTAL WARRANTY



**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
- Swaitch Button: AHD/TVI/CVI/CVBS

| Model | Input voltage | Packing/Box (pcs) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| EL-328 | 12V DC | max 3W | 1 | D | **195055** |



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## DVR AND CAMERA ACCESSORIES - CABLE SPLITTERS



1 to 4 or 1 to 8 power splitter power cable (power splitter connection)
Plug and play ready only for camera with DC power
For adapting power supply 12V2A

| Description | Power source type | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| 1-4 cable splitter | DC | 1 | D | **195062** |
| 1-8 cable splitter | DC | 1 | D | **195063** |

## DVR AND CAMERA ACCESSORIES- POWER ADAPTOR



High quality supply for DVR cameras with over current protection, over voltage protection, overload protection and short-circuit protection

| Description | Input Voltage | Output Voltage | Current | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| Power adaptor | 100-240V AC | 12V DC | 2A | 1 | D | **195065** |

## 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

| Description | Length (m) | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|
| BNC cable | 18.29 | 1 | D | **195064** |



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## WI-FI SMART CAMERA

3+0 standard +extended 3 YEAR TOTAL WARRANTY

**FUNCTION:**
- Control is done from anywhere with IOS or Android mobil application
- Support TF recording & Cloud storage
- Two-way voice communication
- Motion detection voice alarm
- Detailed alarm sector setting
- Sending images
- Night vision

**TECHNICAL DATA:**
- Input voltage: 100-240VAC
- Output voltage: 5V
- Cover range: 10-15m
- Pixels: 100W pixels (720p)

Download V380 pro Application from Android market or Apple store.

- Full info for the products, instructions, can be found at www.elmarkholding.eu

| Type | Pixels | Cover range | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| indoor camera 100 | 100W pixels (720) | 10-15m | 1 | D | **195050** |

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IP20



## WI-FI SMART CAMERA

3+0 standard +extended 3 YEAR TOTAL WARRANTY

**FUNCTION:**
- Control is done from anywhere with IOS or Android mobil application
- Support TF recording & Cloud storage
- Two-way voice communication
- Motion detection voice alarm
- Detailed alarm sector setting
- Sending images
- Night vision

**TECHNICAL DATA:**
- Input voltage: 100-240VAC
- Output voltage: 5V
- Cover range: 10-15m
- Pixels: 200W pixels(1080p), H265

Download V380 pro Application from Android market or Apple store.

- Full info for the products, instructions, can be found at www.elmarkholding.eu

| Type | Pixels | Cover range | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| indoor camera H265 | 200W pixels (1080), H265 | 10-15m | 1 | D | **195051** |



***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

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IP20

## WI-FI CEILING SMART CAMERA

3+0 standard +extended 3 YEAR TOTAL WARRANTY



**FUNCTION:**
- Control is done from anywhere with IOS or Android mobil application
- Diferent 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
- Wiev angle: 360°
- Pixels: 200W pixels (1080p)

Download V380 pro Application from Android market or Apple store.

- Full info for the products, instructions, can be found at www.elmarkholding.eu

| Type | Pixels | Cover range | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| ceiling camera 200 | 200W pixels (1080) | 50m² | 1 | D | **195052** |

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IP66

## WI-FI OUTDOOR SMART CAMERA IP66

3+0 standard +extended 3 YEAR TOTAL WARRANTY



**FUNCTION:**
- Control is done from anywhere with IOS or Android mobil application
- Diferent 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
- General view

**TECHNICAL DATA:**
- Input voltage: 100-240VAC
- Output voltage: 12V
- Cover range: 25-30m
- Pixels: 100W pixels (720p)

Download V380 pro Application from Android market or Apple store.

- Full info for the products, instructions, can be found at www.elmarkholding.eu

| Type | Pixels | Cover range | Packing/Box (pcs) | Product category | Catalogue number |
|---|---|---|---|---|---|
| outdoor camera 100W IP66 | 100W pixels (720) | 25-30m | 1 | D | **195053** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

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**IP20**

# WIFI IP CAMERA WITH ALARM SYSTEM - KIT

3+0 standard +extended 3 YEAR TOTAL WARRANTY






**FUNCTION:**

- Magnetic Sensor: Under arm mode, when the door or window installed with magnetic sensor is opened, tne magnetic sensor will send alarm signal to the main unit, the main unit will take video and send message to the smartphone.
- IR Sensor: When someone is detected by the infrared sensor, it will send alarm signal to the main unit. Under arm mode, the main unit will take video and send message to the smartphone.
- SOS Panic Button: When someone press the SOS panic button, it will send SOS signal to the main unit. Under arm mode, the main unit will send alarm signal and video to the users smartphone. Suitable for the care of children, the elderly and disabled people.
- Main Unit: IP camera with built-in Wi-Fi module. Receive wireless alarm signal from other security sensors. Under arm mode, after received signal, the main unit will take video and send message to the smartphone.
- Arm and disarm on smartphone
- View IP camera protected area from anywhere anytime.
- In arm mode IP camera will take video and send message when intruder enters the front door and trigger the IR sensor, or break open the door/window contact, or panic button was pressed
- Night Vision: Supported by IP Camera
- Intercom: Two-way voice communication

**TECHNICAL DATA:**

- Working Distance: 100m (open area)
- IP Sensor Angle: Adjustable from 90° to 110°
- IP Canmera Lens: HD 1080P

| Model | Description | Product category | Catalogue number |
|---|---|---|---|
| EL-WFAK1 | WIFI IP camera with sensors and panic button- KIT | D | **195091** |

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

GET IT ON Google Play | Download on the App Store
Smartphone Control | WiFi
IP20

## WIFI INFRARED ALARM SENSOR

3+0 standard +extended 3 YEAR TOTAL WARRANTY



**FUNCTION:**
IR Sensor: When someone is detected by the infrared sensor, it will send alarm signal to the smartphone via APP.

**TECHNICAL DATA:**
- Working Distance: 30m (open area)
- IP Sensor Angle: 110°max 7m

| Model | Description | Product category | Catalogue number |
|---|---|---|---|
| EL-AK3 | WIFI IP Infrared alarm sensor | D | **195090** |

## INFRARED ALARM WITH REMOTE CONTROL - KIT

3+0 standard +extended 3 YEAR TOTAL WARRANTY



**FUNCTION:**
- IR Sensor: When someone is detected by the infrared sensor, alarm will be triggered.
- Magnetic Sensor: When the door or window installed with magnetic sensor is opened, tne magnetic sensor will send signal to IR sensor and alarm will be triggered.
- Remote contol: Arm/Disarm.

**TECHNICAL DATA:**
- IP Sensor Angle: 110°max 7m
- Alarm Volume: >100dB
- Working Distance: 30m (open area)

| Model | Description | Product category | Catalogue number |
|---|---|---|---|
| EL-AK2 | Infrared alarm with remote control- kit | D | **195092** |

GET IT ON Google Play | Download on the App Store
Smartphone Control | WiFi
IP20

## RECHARGEABLE WIFI SMART VIDEO DOOR BELL WITH DOOR CHIME

3+0 standard +extended 3 YEAR TOTAL WARRANTY



**FUNCTION:**
- Intercom: Two-way voice communication and local intercom with 3 mobile users
- Monitoring: See and speak to visitors via the APP from anywhere
- Recording: TF card for storing the video recorder. Photo taking

**OUTDOOR UNITS TECHNICAL DATA:**
- Camera angle: 136°
- Battery: Li- 4000mA
- Night Vision: Supported
- Distance: 1-3m for night vision

| Model | Description | Product category | Catalogue number |
|---|---|---|---|
| EL-RWF1DP1DC | Rechargeable WIFI video doorbell switch with door chime | D | **195074** |

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

GET IT ON Google Play | Download on the App Store | Smartphone Control | WiFi

IP20

## 7 INCH WIFI SMART VIDEO INTERCOM DOORBELL SYSTEMS

3+0 standard +extended 3 YEAR TOTAL WARRANTY

**FUNCTION:**
- Monitoring: See and speak to visitors via the APP from anywhere
- Unlock door: when someone pressess the button on the outdoor unit, the smartphone and the indoor unit will ring together. The local remote video intercom will be pushed to your smartphone APP, you can also unlock the door strike remotely by APP, or unlock by the door monitor unit. The door strike needs extra power supply.
- Recording: User can take photos or record video via APP
- Intercom: Two-way voice communication

**OUTDOOR UNITS TECHNICAL DATA:**
- Working Voltage: 12VDC
- Working Current: ≤ 500mA
- IP Rating: IP44
- Body material: Metal: anti-oxidation and anti-vandal outdoor unit
- Night Vision: Supported

**INDOOR MONITORS TECHNICAL DATA:**
- Connecting wire: 4- core
- Ring tone: 16 melody
- Working Voltage: 12VDC
- Resolution: 800x400
- Working Current: ≤ 1100mA
- Talking time: 120s±10%
- Monitoring time: 40s±10%



### 7 INCH WIFI SMART VIDEO INTERCOM DOORBELL SYSTEMS, SINGLE WAY- ONE BUTTON ONE MONITOR

| Model | Description | Monitors QTY | Voltage | Screen | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| EL-WF1DP | Single way smart intercom system | 1 | 12VDC | 7 inch | D | **195071** |



### 7 INCH ADDITIONAL MONITOR FOR SINGLE WAY DOORBELL SYSTEM

Additional monitor is suitable only for single way intercom system. When a guest or visitor presses the doorbell button on the camera unit, the homeowner can use a few monitors to see who is requesting entry, speak with the caller, take a photo and unlock the door.

| Model | Description | Monitors QTY | Voltage | Screen | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| EL-1BM | Additional monitor for EL-WF1DP | | 12VDC | 7 inch | D | **195077** |



### 7 INCH WIFI SMART VIDEO INTERCOM DOORBELL SYSTEMS, DOUBLE WAY- ONE UNIT WITH TWO BUTTON AND TWO MONITORS

| Model | Description | Monitors QTY | Voltage | Screen | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| EL-WF2DP | Double way smart intercom system | 2 | 12VDC | 7 inch | D | **195072** |

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



## 7 INCH WIFI SMART VIDEO INTERCOM DOORBELL SYSTEMS, SINGLE WAY- ONE BUTTON AND TWO MONITORS

| Model | Description | Monitors QTY | Voltage | Screen | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| EL-WF1DP+1 | Single way intercom with 2 monitors | 2 | 12VDC | 7 inch | D | **195080** |



## 7 INCH WIFI SMART VIDEO INTERCOM DOORBELL SYSTEMS, SINGLE WAY- ONE BUTTON AND THREE MONITORS

| Model | Description | Monitors QTY | Voltage | Screen | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| EL-WF1DP+2 | Single way intercom with 3 monitors | 3 | 12VDC | 7 inch | D | **195076** |



## 7 INCH WIFI SMART VIDEO INTERCOM DOORBELL SYSTEMS, SINGLE WAY- ONE BUTTON AND FOUR MONITORS

| Model | Description | Monitors QTY | Voltage | Screen | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| EL-WF1DP+3 | Single way intercom with 4 monitors | 4 | 12VDC | 7 inch | D | **195078** |



## 7 INCH WIFI SMART VIDEO INTERCOM DOORBELL SYSTEMS, SINGLE WAY- ONE BUTTON AND FIVE MONITORS

| Model | Description | Monitors QTY | Voltage | Screen | Product category | Catalogue number |
|---|---|---|---|---|---|---|
| EL-WF1DP+4 | Single way intercom with 5 monitors | 5 | 12VDC | 7 inch | D | **195079** |

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GET IT ON Google Play | Download on the App Store | Smartphone Control | WiFi | IP20

## WIFI SMART VIDEO DOOR BELL WITH TWO DOOR CHIMES

3+0 standard +extended 3 YEAR TOTAL WARRANTY



**FUNCTION:**
- Intercom: Two-way voice communication
- Monitoring: See and speak to visitors via the APP from anywhere
- Security: Built-in motion sensor. Once detected the human body, it can send an photo to the owner's e mail box, and send an alarm signal to the smartephone!

**OUTDOOR UNITS TECHNICAL DATA:**
- Camera: Reinforced CMOS
- Working Voltage: 12VDC
- Working Current: ≤ 500mA
- IP Rating: IP55
- Body material: Metal: anti-oxidation and anti-vandal outdoor unit
- Night Vision: Supported

| Model | Description | Voltage | Product category | Catalogue number |
|---|---|---|---|---|
| EL-WF2DP2DC | WIFI video doorbell switch with 2 extra door chimes | 12VDC | D | **195073** |

## DOORPHONE KIT

3+0 standard +extended 3 YEAR TOTAL WARRANTY



**FUNCTION:**
- Intercom: Two-way voice communication
- Unlock door strike

**OUTDOOR UNITS TECHNICAL DATA:**
- Working Voltage: 12VDC
- Working Current: ≤ 500mA
- IP Rating: IP44
- Body Material: Metal: anti-oxidation and anti-vandal outdoor unit
- Night Vision: Supported
- Two-wire connection

| Model | Description | Product category | Catalogue number |
|---|---|---|---|
| EL-1DP1IU | Doorphone kit | D | **195075** |



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# WIRELESS DOORBELLS



5020



5016



5019

## WIRELESS DOORBELLS WITH LED FLASH LIGHT

| Catalogue number | Product category | QTY Transmiter/Reciever | Voltage (V) | Sound level db(A) | Volume levels | Music | Distance (m) | Packing/Box (pcs) |
|---|---|---|---|---|---|---|---|---|
| **5020** | D | One/One | 220 | 65-85 | Low/Middle/High | 36 melodies | 80 | 1/60 |
| **5016** | D | One/One | 220 | 65-85 | Low/Middle/High | 36 melodies | 80 | 1/60 |
| **5019** | D | One/One | 220 | 65-85 | Low/Middle/High | 36 melodies | 80 | 1/60 |

**Transmitter battery:** 12V A23

RoHS COMPLIANT CE 2+0 standard +extended 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



5015



5018

## WIRELESS DOORBELLS WITH LED FLASH LIGHT

| Catalogue number | Product category | QTY Transmiter/Reciever | Voltage (V) | Sound level db(A) | Volume levels | Music | Distance (m) | Packing/Box (pcs) |
|---|---|---|---|---|---|---|---|---|
| **5015** | D | One/Two | 220 | 65-85 | Low/Middle/High | 36 melodies | 80 | 1/60 |
| **5018** | D | One/Two | 220 | 65-85 | Low/Middle/High | 36 melodies | 80 | 1/60 |

**Transmitter battery:** 12V A23

RoHS COMPLIANT CE 2+0 standard +extended 2 YEAR TOTAL WARRANTY

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5023/1
5024



5023/2

## WIRELESS DOORBELLS WITH LED FLASH LIGHT

| Catalogue number | Product category | QTY Transmiter/ Reciever | Transmiter Voltage (V) | Receiver Voltage (V) | Sound level db(A) | Volume levels | Music | Distance (m) | Packing/Box (pcs) |
|---|---|---|---|---|---|---|---|---|---|
| **5023/1** | D | One/One | 12V 23A Battery | DC 3x1.5V AAA Battery | 70-85 | Low/Middle/High | 36 melodies | 80 | 1/60 |
| **5023/2** | D | One/Two | 12V 23A Battery | DC 3x1.5V AAA Battery | 70-85 | Low/Middle/High | 36 melodies | 80 | 1/60 |
| **5024** | D | One/One | 12V 23A Battery | 220V AC | 70-85 | Low/Middle/High | 36 melodies | 80 | 1/60 |

RoHS COMPLIANT CE 2+0 standard +extended 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



5025BL



5025WH

## DIGITAL WIRELESS DOORBELLS WITH LED FLASH LIGHT

| Catalogue number | Product category | QTY Transmiter/ Reciever | Transmiter Voltage (V) | Receiver Voltage (V) | Sound level db(A) | Volume levels | Music | Distance (m) | Packing/Box (pcs) |
|---|---|---|---|---|---|---|---|---|---|
| **5025BL** | D | One/One | 12V 23A Battery | DC 2x1.5V AA Battery | 70-85 | Low/Middle/High | 32 melodies | 120 | 1/60 |
| **5025WH** | D | One/One | 12V 23A Battery | DC 2x1.5V AA Battery | 70-85 | Low/Middle/High | 32 melodies | 120 | 1/60 |

RoHS COMPLIANT CE 2+0 standard +extended 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



5021



5022

## INFRARED INDUCTION DOORBELLS

| Catalogue number | Product category | Description | Voltage (V) | Sound level db(A) | Detection angle | Sensor detection distance (m) | Music | Packing/Box (pcs) |
|---|---|---|---|---|---|---|---|---|
| **5021** | D | Doorbell with sensor | 4,5V DC | 85 | 100° | up to 7 | 36 melodies | 1/60 |
| **5022** | D | Doorbell & sensor | 4,5V DC | 85 | 100° | up to 7 | 36 melodies | 1/60 |

**5021 -** This is 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 premisses.Working area - up to 7 meters

**5022 -** This is 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 we 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

RoHS COMPLIANT CE 2+0 standard +extended 2 YEAR TOTAL WARRANTY

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5012
5220




5001

## BELL / BELL TRANSFORMER

| Catalogue number | Product category | Type | In (V) | Un (V) | Conssumption (VA) | Sound level db(A) | Packing/Box (pcs) |
|---|---|---|---|---|---|---|---|
| **5012** | D | Bell | 230 | 8-12 | 3.6 | 70 | 1 /12 / 240 |
| **5220** | D | Bell | 230 | 230 | 5 | 70 | 1 /12 / 240 |
| **5001** | D | Bell transformer | 230 | 8/12/24 | 8 | - | 1 / 80 |

**Mounting:** on DIN-rail |

5+0 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



# SWITCHES AND SOCKETS



White/White



Champagne metallic/White



Orenge/White



Yellow/White



Red/White



Green/White



Blue/White



Orange metallic/White



Bordo metallic/
White



Grey/White



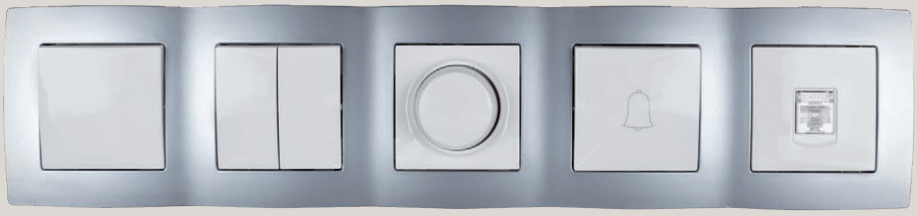
2 gangs Champagne metallic/White



3 gangs Red/White



4 gangs Bordo metallic/White



5 gangs Grey/White

5+0 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***


190011
190021
190031


190011L
190021L


190041
190051


190191


190181


190183


190211s


190371s


190211D


190211F


190043


190062


190060


190066
190045

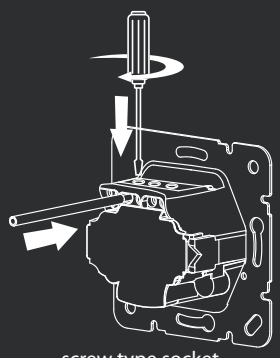

190064

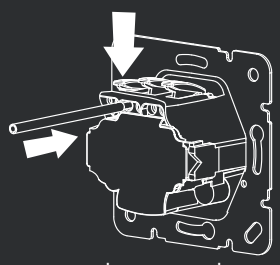


**IP20**

## FUNCTIONAL PART PLUS PANEL "CITY" SERIES

| Catalogue number | Product category | Type | Colour | Rated current In (A) | Packing/ Box (pcs) |
|---|---|---|---|---|---|
| **190011** | C | 1 button 1 way switch | White | 10 | 10/100 |
| **190011L** | C | 1 button 1 way switch with light | White | 10 | 10/100 |
| **190021** | C | 1 button 2 way switch | White | 10 | 10/100 |
| **190021L** | C | 1 button 2 way switch with light | White | 10 | 10/100 |
| **190031** | C | 1 button cross switch | White | 10 | 10/100 |
| **190041** | C | 2 buttons 1 way switch | White | 10 | 10/100 |
| **190051** | C | 2 buttons 2 way switch | White | 10 | 10/100 |
| **190064** | C | 3 buttons 1 way switch | White | 10 | 10/100 |
| **190191** | C | Dimmer switch LED 3-300W | White | - | 10/60 |
| **190181** | C | Door bell switch | White | - | 10/100 |
| **190183** | C | Push light button | White | - | 10/100 |
| **190211S** | C | German screw type socket | White | 16 | 10/100 |
| **190211F** | C | French screw type socket | White | 16 | 10/100 |
| **190211D** | C | German screw type socket IP44 | White | 16 | 10/100 |
| **190371S** | C | German screw type socket (double) | White | 16 | 10/60 |
| **190060** | C | 1 Gang cable outlet | White | 16 | 10/100 |
| **190062** | C | German screw type socket 2xUSB port | White | 16 | 10/60 |
| **190043** | C | Key card power switch * | White | 10 | 10/60 |
| **190045** | C | 1-2 mode curtain control switch | White | 10 | 10/60 |
| **190066** | C | Interlock shutter switch | White | 10 | 10/100 |


screw type socket


screwless type socket

**is not compatible with another decorative frame or frame designed for more than one functional part*

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190261


190281
190034


190711
190731


190251


190033


190791


190721


190751


190747

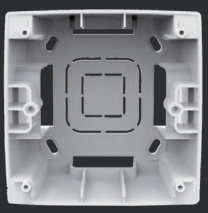

190771


190090


190781


190171


190741


190091
190092

**IP20**

## FUNCTIONAL PART PLUS PANEL "CITY" SERIES

| Catalogue number | Product category | Type | Colour | Rated current In (A) | Packing/ Box (pcs) |
|---|---|---|---|---|---|
| **190261** | C | Phone socket RJ11 | White | - | 10/100 |
| **190281** | C | Computer socket RJ45 CAT5E | White | - | 10/100 |
| **190034** | C | Computer socket RJ45 CAT6 | White | - | 10/100 |
| **190731** | C | Phone socket RJ11 + computer socket RJ45 | White | - | 10/100 |
| **190711** | C | Computer socket RJ45 - double | White | - | 10/100 |
| **190251** | C | TV socket | White | - | 10/100 |
| **190033** | C | TV+FM+SAT | White | - | 10/100 |
| **190791** | C | 1 button double pole switch | White | 20 | 10/100 |
| **190721** | C | Audio socket- double | White | 10 | 10/100 |
| **190751** | C | USB socket- double | White | 2 | 10/100 |
| **190747** | C | HDMI socket | White | | 10/100 |
| **190771** | C | Motion sensor 200W | White | | 10/100 |
| **190781** | C | Thermostat | White | 16 | 10/100 |
| **190171** | C | Doorbell switch with light name card | White | 10 | 10/100 |
| **190741** | C | 1 Gang blank Plate | White | | 10/100 |
| **190090** | C | Silicone cover IP44 | White | - | 100 |
| **190091** | C | 1 Gang Surface mounting box | White | - | 126 |
| **190092** | C | 2 Gang Surface mounting box | White | - | 66 |

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190012
190022
190032


190012L


190042
190052


190192


190182


190184


190212s


190372s


190212D


190212F


190044


190065

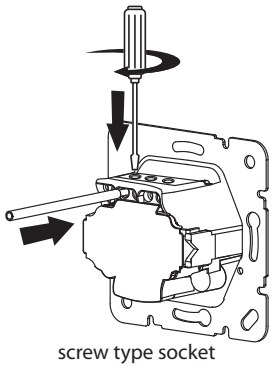

190069

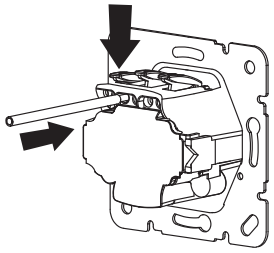

190067

**IP20**

## FUNCTIONAL PART PLUS PANEL "CITY" SERIES

| Catalogue number | Product category | Type | Colour | Rated current In (A) | Packing/Box (pcs) |
|---|---|---|---|---|---|
| **190012** | C | 1 button 1 way switch | Champagne metallic | 10 | 10/100 |
| **190012L** | C | 1 button 1 way switch with light | Champagne metallic | 10 | 10/100 |
| **190022** | C | 1 button 2 way switch | Champagne metallic | 10 | 10/100 |
| **190022L** | C | 1 button 2 way switch with light | Champagne metallic | 10 | 10/100 |
| **190032** | C | 1 button cross switch | Champagne metallic | 10 | 10/100 |
| **190069** | C | 1 button double pole switch | Champagne metallic | 20 | 10/100 |
| **190042** | C | 2 buttons 1 way switch | Champagne metallic | 10 | 10/100 |
| **190052** | C | 2 buttons 2 way switch | Champagne metallic | 10 | 10/100 |
| **190065** | C | 3 buttons 1 way switch | Champagne metallic | 10 | 10/100 |
| **190192** | C | Dimmer switch LED 3-300W | Champagne metallic | - | 10/60 |
| **190182** | C | Door bell switch | Champagne metallic | - | 10/100 |
| **190184** | C | Push light button | Champagne metallic | - | 10/100 |
| **190212S** | C | German screw type socket | Champagne metallic | 16 | 10/100 |
| **190212F** | C | French screw type socket | Champagne metallic | 16 | 10/100 |
| **190372S** | C | German screw type socket (double) | Champagne metallic | 16 | 10/60 |
| **190212D** | C | German screw type socket IP44 | Champagne metallic | 16 | 10/100 |
| **190044** | C | Key card power switch * | Champagne metallic | 10 | 10/60 |
| **190046** | C | Curtain control switch | Champagne metallic | 10 | 10/60 |
| **190067** | C | Interlock shutter switch | Champagne metallic | 10 | 10/100 |


screw type socket


screwless type socket

**** is not compatible with another decorative frame or frame designed for more than one functional part***

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190262


190282
190035


190732
190712


190252


190034F


190722


190742


190752


190772


190782


190792


190748


190172

**IP20**

## FUNCTIONAL PART PLUS PANEL "CITY" SERIES

| Catalogue number | Product category | Type | Colour | Rated current In (A) | Packing/Box (pcs) |
|---|---|---|---|---|---|
| **190262** | C | Phone socket RJ11 | Champagne metallic | - | 10/100 |
| **190282** | C | Computer socket RJ45 CAT5E | Champagne metallic | - | 10/100 |
| **190035** | C | Computer socket RJ45 CAT6 | Champagne metallic | - | 10/100 |
| **190732** | C | Phone socket RJ11 + computer socket RJ45 | Champagne metallic | - | 10/100 |
| **190712** | C | Computer socket RJ45 - double | Champagne metallic | - | 10/100 |
| **190252** | C | TV socket | Champagne metallic | - | 10/100 |
| **190034F** | C | TV+FM+SAT | Champagne metallic | - | 10/100 |
| **190722** | C | 1 button 1 way switch | Champagne metallic | 20 | 10/100 |
| **190742** | C | Audio socket- double | Champagne metallic | 10 | 10/100 |
| **190752** | C | USB socket- double | Champagne metallic | 2 | 10/100 |
| **190772** | C | HDMI socket | Champagne metallic | | 10/100 |
| **190782** | C | Motion sensor 200W | Champagne metallic | | 10/100 |
| **190792** | C | Thermostat | Champagne metallic | 16 | 10/100 |
| **190748** | C | Doorbell switch with light name card | Champagne metallic | 10 | 10/100 |
| **190172** | C | 1 Gang blank Plate | Champagne metallic | | 10/100 |

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

1 gang



2 gangs



3 gangs

## 1 GANG PANEL "CITY" SERIES

| Catalogue number | Product category | Type | Colour |
|---|---|---|---|
| **190441** | C | 1 gang | White |
| **190442** | C | 1 gang | Champagne metallic |
| **190443** | C | 1 gang | Orange |
| **190444** | C | 1 gang | Yellow |
| **190445** | C | 1 gang | Green |
| **190446** | C | 1 gang | Red |
| **190447** | C | 1 gang | Blue |
| **190448** | C | 1 gang | Orange metallic |
| **190449** | C | 1 gang | Bordo metallic |
| **190450** | C | 1 gang | Grey |

## 2 gangs PANELS "CITY" SERIES

| Catalogue number | Product category | Type | Colour |
|---|---|---|---|
| **190551** | C | 2 gangs | White |
| **190552** | C | 2 gangs | Champagne metallic |
| **190553** | C | 2 gangs | Orange |
| **190554** | C | 2 gangs | Yellow |
| **190555** | C | 2 gangs | Green |
| **190556** | C | 2 gangs | Red |
| **190557** | C | 2 gangs | Blue |
| **190558** | C | 2 gangs | Orange metallic |
| **190559** | C | 2 gangs | Bordo metallic |
| **190560** | C | 2 gangs | Grey |

## 3 gangs PANELS "CITY" SERIES

| Catalogue number | Product category | Type | Colour |
|---|---|---|---|
| **190661** | C | 3 gangs | White |
| **190662** | C | 3 gangs | Champagne metallic |
| **190663** | C | 3 gangs | Orange |
| **190664** | C | 3 gangs | Yellow |
| **190665** | C | 3 gangs | Green |
| **190666** | C | 3 gangs | Red |
| **190667** | C | 3 gangs | Blue |
| **190668** | C | 3 gangs | Orange metallic |
| **190669** | C | 3 gangs | Bordo metallic |
| **190670** | C | 3 gangs | Grey |

Packing/Box (pcs): 1 gang 1/200 | 2 gangs 1/100 | 3 gangs 1/150

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

4 gangs



5 gangs

## 4 gangs PANELS “CITY” SERIES

| Catalogue number | Product category | Type | Colour |
|---|---|---|---|
| **190361** | C | 4 gangs | White |
| **190362** | C | 4 gangs | Champagne metallic |
| **190363** | C | 4 gangs | Orange |
| **190364** | C | 4 gangs | Yellow |
| **190365** | C | 4 gangs | Green |
| **190366** | C | 4 gangs | Red |
| **190367** | C | 4 gangs | Blue |
| **190368** | C | 4 gangs | Orange metallic |
| **190369** | C | 4 gangs | Bordo metallic |
| **190370** | C | 4 gangs | Grey |

## 5 gangs PANELS “CITY” SERIES

| Catalogue number | Product category | Type | Colour |
|---|---|---|---|
| **190601** | C | 5 gangs | White |
| **190602** | C | 5 gangs | Champagne metallic |
| **190603** | C | 5 gangs | Orange |
| **190604** | C | 5 gangs | Yellow |
| **190605** | C | 5 gangs | Green |
| **190606** | C | 5 gangs | Red |
| **190607** | C | 5 gangs | Blue |
| **190608** | C | 5 gangs | Orange metallic |
| **190609** | C | 5 gangs | Bordo metallic |
| **190610** | C | 5 gangs | Grey |

Packing/Box (pcs): 4 gangs 1/100 | 5 gangs 1/100

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LECCE


White/White


Blue/White


Silver grey/White


Golden/White


Graphite mat/White


Graphite/White


Champagne/White


Green/White


Onix/White


Cherry-tree/White

5+0 standard +extended 5 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*




sound dimmer



boiler switch with neon*



LED dimmer 200VA, 3 mod



1 button 1 way switch with light



1 button 1 way / 2 way / cross switch / push light



1 button 2 pole switch 16A



curtain Switch



dimmer 250W



door bell switch

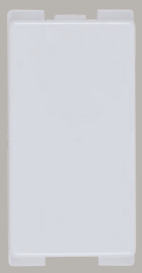
**IP20**

## FUNCTIONAL PART "LECCE" SERIES

| Catalogue number | Product category | Type | Colour | Size | Rated current In (A) | Packing/Box (pcs) |
|---|---|---|---|---|---|---|
| **26016** | C | sound dimmer | White | 2 mod | | 1/120 |
| **26053** | C | LED dimmer 200VA | White | 3 mod | - | |
| **26024** | C | boiler switch with neon* | White | 3 mod | 45 | 1/60 |
| **26001** | C | 1 button 1 way switch | White | 1 mod | 16 | 1/300 |
| **26003** | C | 1 button 2 way switch | White | 1 mod | 16 | 1/300 |
| **26026** | C | 1 button 2 pole switch | White | 1 mod | 16 | |
| **26004** | C | 1 button cross switch | White | 1 mod | 10 | 1/240 |
| **26002** | C | 1 button 1 way switch with light | White | 1 mod | 16 | 1/300 |
| **26006** | C | curtain Switch | White | 1 mod | 6 | 1/240 |
| **26055** | C | dimmer 250W | White | 1 mod | - | 1/120 |
| **26005** | C | door bell switch | White | 1 mod | 10 | 1/300 |
| **26027** | C | push light button | White | 1 mod | 10 | |

* the product comes without decorative tripple panel

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



blank cover



computer socket



phone socket



TV socket



Satellite socket



button without functional part




key power switch

**IP20**

## FUNCTIONAL PART "LECCE" SERIES

| Catalogue number | Product category | Type | Colour | Size | Rated current In (A) | Packing/Box (pcs) |
|---|---|---|---|---|---|---|
| **26017** | C | blank cover | White | 1 mod | | 1/600 |
| **26013** | C | computer socket RJ45 CAT5E | White | 1 mod | | 1/300 |
| **26013C** | C | computer socket RJ45 CAT6 | White | 1 mod | | 1/300 |
| **26012** | C | phone socket | White | 1 mod | | 1/300 |
| **26010** | C | TV socket | White | 1 mod | - | 1/300 |
| **26011** | C | Satellite socket | White | 1 mod | - | 1/300 |
| **26023** | C | button without functional part | White | 3 mod | | 1/360 |
| **26025** | C | key power switch | white | 3 mod | 30A | |

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



german type socket



double pin socket



italian standard multi socket



door bell



2 port USB socket



universal socket



audio socket



italian type socket



HDMI socket



**IP20**

## FUNCTIONAL PART "LECCE" SERIES

| Catalogue number | Product category | Type | Colour | Size | Rated current In (A) | Packing/Box (pcs) |
|---|---|---|---|---|---|---|
| **26008** | C | german type socket | White | 2 mod | 16 | 1/140 |
| **26007SA** | C | double pin socket | White | 1 mod | 16 | 1/300 |
| **26007** | C | italian standard multi socket | White | 1 mod | 16 | 1/300 |
| **26015** | C | door bell | White | 2 mod | | 1/100 |
| **26014** | C | 2 port USB socket, Input: 90-240V Output: 5V 2A | White | 1 mod | | 1/120 |
| **26009** | C | universal socket | White | 2 mod | 13 | 1/120 |
| **26021** | C | audio socket | White | 1 mod | | 1/100 |
| **26020** | C | italian type socket | White | 2 mod | 16 | 1/300 |
| **26022** | C | HDMI socket | White | 1 mod | | 1/300 |

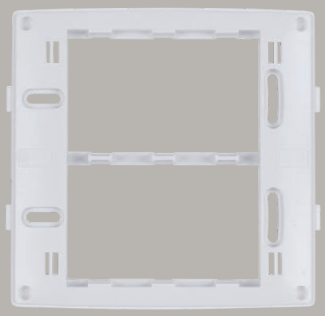
***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



box for suspended mounting
IP65 3 & 4 mod



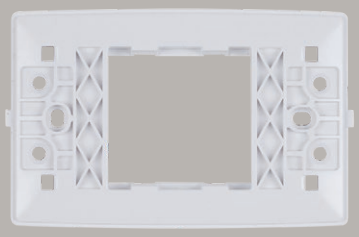
mounting frames
6 mod



mounting frames
3x2 mod



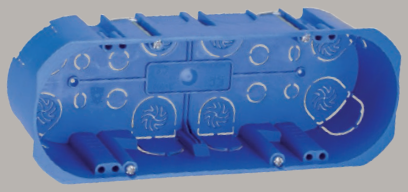
mounting frames
1 mod / 3 mod



mounting frames
2 mod



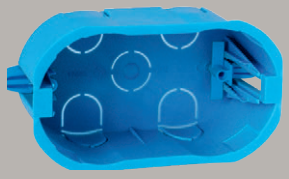
mounting frames
4 mod



Console box for plasterboard
26636



Console box for brick and concrete
24203
71304
68206

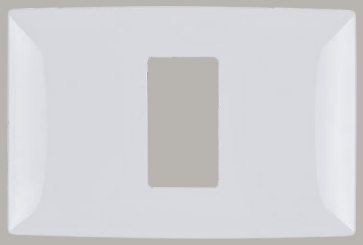


Console box for plasterboard
26205
26206

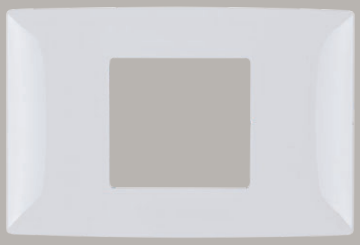
## INSTALLATION FRAMES "LECCE"

| Catalogue number | Product category | Type | Size | Packing/Box (pcs) |
|---|---|---|---|---|
| **26019** | C | mounting frames | 1 mod | 1/110 |
| **26019** | C | mounting frames | 3 mod | 1/110 |
| **26018** | C | mounting frames | 2 mod | 1/110 |
| **26054** | C | mounting frames | 4 mod | 1/150 |
| **26156** | C | mounting frames | 6 mod | 1/240 |
| **26056** | C | mounting frames | 2x3 mod | 1/240 |
| **2603** | C | box for suspended mounting IP65 | 3 mod | |
| **2604** | C | box for suspended mounting IP65 | 4 mod | |
| **24203** | C | Console box for brick and concrete | triple | 1/300 |
| **71304** | C | Console box for brick and concrete | quadruple | 1/200 |
| **68206** | C | Console box for brick and concrete | sixfold | 1/200 |
| **24205** | C | Console box for plasterboard | triple | 1/300 |
| **24206** | C | Console box for plasterboard | quadruple | 1/200 |
| **26636** | C | Console for plasterboard | sixfold | 1/160 |

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1 gang



2 gangs



3 gangs

## 1 GANG PANEL "LECCE" SERIES

| Catalogue number | Product category | Type | Colour |
|---|---|---|---|
| **26100** | C | 1 gang | White |
| **26101** | C | 1 gang | Blue |
| **26102** | C | 1 gang | Silver grey |
| **26103** | C | 1 gang | Golden |
| **26104** | C | 1 gang | Graphite mat |
| **26105** | C | 1 gang | Graphite |
| **26106** | C | 1 gang | Champagne |
| **26107** | C | 1 gang | Green |
| **26108** | C | 1 gang | Onix |
| **26109** | C | 1 gang | Cherry-tree |

## 2 gangs PANELS "LECCE" SERIES

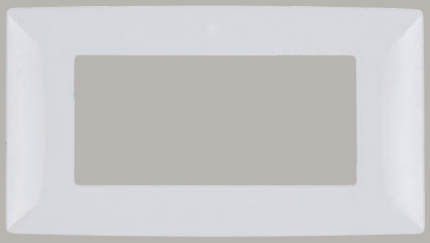
| Catalogue number | Product category | Type | Colour |
|---|---|---|---|
| **26200** | C | 2 gangs | White |
| **26201** | C | 2 gangs | Blue |
| **26202** | C | 2 gangs | Silver grey |
| **26203** | C | 2 gangs | Golden |
| **26204** | C | 2 gangs | Graphite mat |
| **26205** | C | 2 gangs | Graphite |
| **26206** | C | 2 gangs | Champagne |
| **26207** | C | 2 gangs | Green |
| **26208** | C | 2 gangs | Onix |
| **26209** | C | 2 gangs | Cherry-tree |

## 3 gangs PANELS "LECCE" SERIES

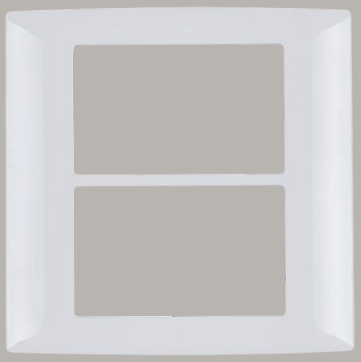
| Catalogue number | Product category | Type | Colour |
|---|---|---|---|
| **26300** | C | 3 gangs | White |
| **26301** | C | 3 gangs | Blue |
| **26302** | C | 3 gangs | Silver grey |
| **26303** | C | 3 gangs | Golden |
| **26304** | C | 3 gangs | Graphite mat |
| **26305** | C | 3 gangs | Graphite |
| **26306** | C | 3 gangs | Champagne |
| **26307** | C | 3 gangs | Green |
| **26308** | C | 3 gangs | Onix |
| **26309** | C | 3 gangs | Cherry-tree |

Packing/Box (pcs): 1 gang 1/180 | 2 gangs 1/180 | 3 gangs 1/180

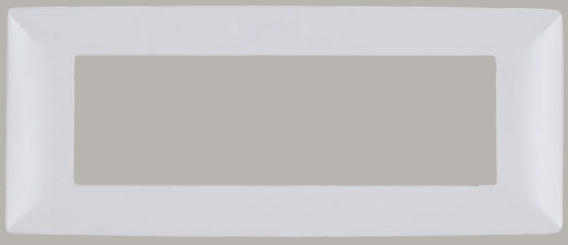
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4 gangs



3x2 gangs



6 gangs

## 4 gangs PANELS "LECCE" SERIES

| Catalogue number | Product category | Type | Colour |
|---|---|---|---|
| **26400** | C | 4 gangs | White |
| **26401** | C | 4 gangs | Blue |
| **26402** | C | 4 gangs | Silver grey |
| **26403** | C | 4 gangs | Golden |
| **26404** | C | 4 gangs | Graphite mat |
| **26405** | C | 4 gangs | Graphite |
| **26406** | C | 4 gangs | Champagne |
| **26407** | C | 4 gangs | Green |
| **26408** | C | 4 gangs | Onix |
| **26409** | C | 4 gangs | Cherry-tree |

## 6 gangs PANELS "LECCE" SERIES

| Catalogue number | Product category | Type | Colour |
|---|---|---|---|
| **266001** | C | 6 gangs | White |
| **26601** | C | 6 gangs | Blue |
| **266021** | C | 6 gangs | Silver grey |
| **26603** | C | 6 gangs | Golden |
| **26604** | C | 6 gangs | Graphite mat |
| **266051** | C | 6 gangs | Graphite |
| **266061** | C | 6 gangs | Champagne |
| **26607** | C | 6 gangs | Green |
| **26608** | C | 6 gangs | Onix |
| **26609** | C | 6 gangs | Cherry-tree |

## 3x2 gangs PANELS "LECCE" SERIES

| Catalogue number | Product category | Type | Colour |
|---|---|---|---|
| **26600** | C | 6 gangs | White |
| **26606** | C | 6 gangs | Champagne |
| **26602** | C | 6 gangs | Silver grey |
| **26605** | C | 6 gangs | Graphite |

Packing/Box (pcs): 4 gangs 1/200 | 6 gangs 1/160 | 3x2 gangs 1/80

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# RHYME



White metallic



Champagne metallic



Grey metallic



Graphite metallic



Coffee metallic



5+0 standard +extended 5 YEAR TOTAL WARRANTY

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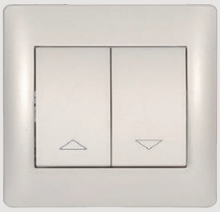
11011
11021
11341



11041
11051



11721



11171A



11411



11191



11181




11181B



11181C

**IP20**

## FUNCTIONAL PART "RHYME" SERIES

| Catalogue number | Product category | Type | Colour | Rated current In (A) | Packing/Box (pcs) |
|---|---|---|---|---|---|
| **11011** | C | 1 button 1 way switch | White metallic | 10 | 10/100 |
| **11021** | C | 1 button 2 way switch | White metallic | 10 | 10/100 |
| **11341** | C | 1 button cross switch | White metallic | 10 | 10/100 |
| **11041** | C | 2 buttons 1 way switch | White metallic | 10 | 10/100 |
| **11051** | C | 2 buttons 2 way switch | White metallic | 10 | 10/100 |
| **11721** | C | 3 buttons 1 way switch | White metallic | 10 | 10/100 |
| **11171A** | C | curtain control switch | White metallic | - | 10/100 |
| **11411** | C | sensor switch | White metallic | - | 10/100 |
| **11191** | C | dimmer switch | White metallic | - | 10/80 |
| **11181** | C | door bell switch | White metallic | - | 10/100 |
| **11181B** | C | door bell switch with name card | White metallic | - | 10/100 |
| **11181C** | C | Push light switch | White metallic | 10 | 10/100 |

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11211



11371



11211C



11261



11741
11731



11281
112816E



11711



11251




11681



11331

**IP20**

## FUNCTIONAL PART "RHYME" SERIES

| Catalogue number | Product category | Type | Colour | Rated current In (A) | Packing/Box (pcs) |
|---|---|---|---|---|---|
| **11211** | C | German type socket | White metallic | 16 | 10/100 |
| **11211C** | C | German type socket with cover | White metallic | 16 | 10/100 |
| **11371** | C | German type socket (double) | White metallic | 16 | 10/50 |
| **11261** | C | Phone socket RJ11 | White metallic | | 10/100 |
| **11741** | C | Phone socket RJ11 - double | White metallic | | 10/100 |
| **11731** | C | Phone socket RJ11 + computer socket RJ45 | White metallic | | 10/100 |
| **11281** | C | Computer socket (cat5e) RJ45 | White metallic | | 10/100 |
| **112816E** | C | Computer socket RJ45 (CAT6e) | White metallic | | 10/100 |
| **11711** | C | Computer socket RJ45 - double | White metallic | | 10/100 |
| **11251** | C | TV socket | White metallic | | 10/100 |
| **11681** | C | TV socket+FM socket + SAT socket * | White metallic | | 10/100 |
| **11331** | C | Key card power switch * | White metallic | | 10/100 |

***is not compatible with another decorative frame or frame designed for more than one functional part***

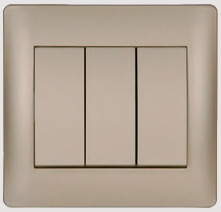
***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



11012
11022
11342



11042
11052



11722



11172A



11412



11192



11182




11182B



11182C

**IP20**

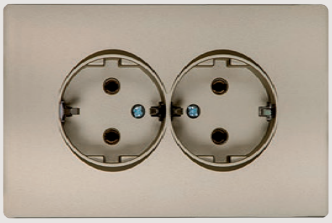
## FUNCTIONAL PART "RHYME" SERIES

| Catalogue number | Product category | Type | Colour | Rated current In (A) | Packing/Box (pcs) |
|---|---|---|---|---|---|
| **11012** | C | 1 button 1 way switch | Champagne metallic | 10 | 10/100 |
| **11022** | C | 1 button 2 way switch | Champagne metallic | 10 | 10/100 |
| **11342** | C | 1 button cross switch | Champagne metallic | 10 | 10/100 |
| **11042** | C | 2 buttons 1 way switch | Champagne metallic | 10 | 10/100 |
| **11052** | C | 2 buttons 2 way switch | Champagne metallic | 10 | 10/100 |
| **11722** | C | 3 buttons 1 way switch | Champagne metallic | 10 | 10/100 |
| **11172A** | C | curtain control switch | Champagne metallic | - | 10/100 |
| **11412** | C | sensor switch | Champagne metallic | - | 10/100 |
| **11192** | C | dimmer switch | Champagne metallic | - | 10/100 |
| **11182** | C | door bell switch | Champagne metallic | - | 10/100 |
| **11182B** | C | door bell switch with name card | Champagne metallic | - | 10/100 |
| **11182C** | C | Push light switch | Champagne metallic | 10 | 10/100 |

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11212



11372



11212C



11262



11742
11732



11282
112826E



11712



11254




11684



11332

**IP20**

## FUNCTIONAL PART "RHYME" SERIES

| Catalogue number | Product category | Type | Colour | Rated current In (A) | Packing/Box (pcs) |
|---|---|---|---|---|---|
| **11212** | C | German type socket | Champagne metallic | 16 | 10/100 |
| **11212C** | C | German type socket with cover | Champagne metallic | 16 | 10/100 |
| **11372** | C | German type socket (double) | Champagne metallic | 16 | 10/50 |
| **11262** | C | Phone socket RJ11 | Champagne metallic | | 10/100 |
| **11742** | C | Phone socket RJ11 - double | Champagne metallic | | 10/100 |
| **11732** | C | Phone socket RJ11 + computer socket RJ45 | Champagne metallic | | 10/100 |
| **11282** | C | Computer socket (cat5e) RJ45 | Champagne metallic | | 10/100 |
| **112826E** | C | Computer socket RJ45 (CAT6e) | Champagne metallic | | 10/100 |
| **11712** | C | Computer socket RJ45 - double | Champagne metallic | | 10/100 |
| **11252** | C | TV socket | Champagne metallic | | 10/100 |
| **11682** | C | TV socket+FM socket + SAT socket * | Champagne metallic | | 10/100 |
| **11332** | C | Key card power switch * | Champagne metallic | | 10/100 |

**** is not compatible with another decorative frame or frame designed for more than one functional part***

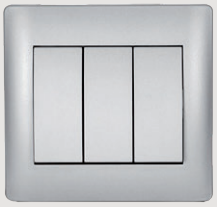
***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



11014
11024
11344



11044
11054



11724



11174A



11414



11194



11184




11184B



11184C

**IP20**

## FUNCTIONAL PART "RHYME" SERIES

| Catalogue number | Product category | Type | Colour | Rated current In (A) | Packing/Box (pcs) |
|---|---|---|---|---|---|
| **11014** | C | 1 button 1 way switch | Grey metallic | 10 | 10/100 |
| **11024** | C | 1 button 2 way switch | Grey metallic | 10 | 10/100 |
| **11344** | C | 1 button cross switch | Grey metallic | 10 | 10/100 |
| **11044** | C | 2 buttons 1 way switch | Grey metallic | 10 | 10/100 |
| **11054** | C | 2 buttons 2 way switch | Grey metallic | 10 | 10/100 |
| **11724** | C | 3 buttons 1 way switch | Grey metallic | 10 | 10/100 |
| **11174A** | C | curtain control switch | Grey metallic | - | 10/100 |
| **11414** | C | sensor switch | Grey metallic | - | 10/100 |
| **11194** | C | dimmer switch | Grey metallic | - | 10/100 |
| **11184** | C | door bell switch | Grey metallic | - | 10/100 |
| **11184B** | C | door bell switch with name card | Grey metallic | - | 10/100 |
| **11184C** | C | Push light switch | Grey metallic | 10 | 10/100 |

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11214



11374



11214C



11264



11744
11734



11284
112846E



11714



11254




11684



11334

**IP20**

## FUNCTIONAL PART "RHYME" SERIES

| Catalogue number | Product category | Type | Colour | Rated current In (A) | Packing/Box (pcs) |
|---|---|---|---|---|---|
| **11214** | C | German type socket | Grey metallic | 16 | 10/100 |
| **11214C** | C | German type socket with cover | Grey metallic | 16 | 10/100 |
| **11374** | C | German type socket (double) | Grey metallic | 16 | 10/50 |
| **11264** | C | Phone socket RJ11 | Grey metallic | | 10/100 |
| **11744** | C | Phone socket RJ11 - double | Grey metallic | | 10/100 |
| **11734** | C | Phone socket RJ11 + computer socket RJ45 | Grey metallic | | 10/100 |
| **11284** | C | Computer socket (cat5e) RJ45 | Grey metallic | | 10/100 |
| **112846E** | C | Computer socket RJ45 (CAT6e) | Grey metallic | | 10/100 |
| **11714** | C | Computer socket RJ45 - double | Grey metallic | | 10/100 |
| **11254** | C | TV socket | Grey metallic | | 10/100 |
| **11684** | C | TV socket+FM socket + SAT socket * | Grey metallic | | 10/100 |
| **11334** | C | Key card power switch * | Grey metallic | | 10/100 |

**** is not compatible with another decorative frame or frame designed for more than one functional part***

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



11015
11025
11345



11045
11055



11725



11175A



11415



11195



11185




11185B



11185C

**IP20**

## FUNCTIONAL PART "RHYME" SERIES

| Catalogue number | Product category | Type | Colour | Rated current In (A) | Packing/Box (pcs) |
|---|---|---|---|---|---|
| **11015** | C | 1 button 1 way switch | Graphite metallic | 10 | 10/100 |
| **11025** | C | 1 button 2 way switch | Graphite metallic | 10 | 10/100 |
| **11345** | C | 1 button cross switch | Graphite metallic | 10 | 10/100 |
| **11045** | C | 2 buttons 1 way switch | Graphite metallic | 10 | 10/100 |
| **11055** | C | 2 buttons 2 way switch | Graphite metallic | 10 | 10/100 |
| **11725** | C | 3 buttons 1 way switch | Graphite metallic | 10 | 10/100 |
| **11175A** | C | curtain control switch | Graphite metallic | - | 10/100 |
| **11415** | C | sensor switch | Graphite metallic | - | 10/100 |
| **11195** | C | dimmer switch | Graphite metallic | - | 10/100 |
| **11185** | C | door bell switch | Graphite metallic | - | 10/100 |
| **11185B** | C | door bell switch with name card | Graphite metallic | - | 10/100 |
| **11185C** | C | Push light switch | Graphite metallic | 10 | 10/100 |

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



11215



11375



11215C



11265



11745
11735



11285
112856E



11715



11255




11685



11335

**IP20**

## FUNCTIONAL PART "RHYME" SERIES

| Catalogue number | Product category | Type | Colour | Rated current In (A) | Packing/Box (pcs) |
|---|---|---|---|---|---|
| **11215** | C | German type socket | Graphite metallic | 16 | 10/100 |
| **11215C** | C | German type socket with cover | Graphite metallic | 16 | 10/100 |
| **11375** | C | German type socket (double) | Graphite metallic | 16 | 10/50 |
| **11265** | C | Phone socket RJ11 | Graphite metallic | | 10/100 |
| **11745** | C | Phone socket RJ11 - double | Graphite metallic | | 10/100 |
| **11735** | C | Phone socket RJ11 + computer socket RJ45 | Graphite metallic | | 10/100 |
| **11285** | C | Computer socket (cat5e) RJ45 | Graphite metallic | | 10/100 |
| **112856E** | C | Computer socket RJ45 (CAT6e) | Graphite metallic | | 10/100 |
| **11715** | C | Computer socket RJ45 - double | Graphite metallic | | 10/100 |
| **11255** | C | TV socket | Graphite metallic | | 10/100 |
| **11685** | C | TV socket+FM socket + SAT socket * | Graphite metallic | | 10/100 |
| **11335** | C | Key card power switch * | Graphite metallic | | 10/100 |

** is not compatible with another decorative frame or frame designed for more than one functional part*
***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



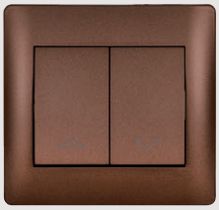
11016
11026
11346



11046
11056



11726



11176A



11416



11196



11186




11186B



11186C

**IP20**

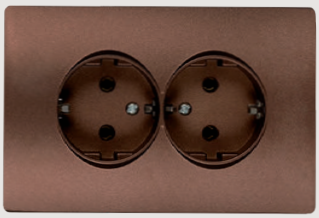
## FUNCTIONAL PART "RHYME" SERIES

| Catalogue number | Product category | Type | Colour | Rated current In (A) | Packing/Box (pcs) |
|---|---|---|---|---|---|
| **11016** | C | 1 button 1 way switch | Coffee metallic | 10 | 10/100 |
| **11026** | C | 1 button 2 way switch | Coffee metallic | 10 | 10/100 |
| **11346** | C | 1 button cross switch | Coffee metallic | 10 | 10/100 |
| **11046** | C | 2 buttons 1 way switch | Coffee metallic | 10 | 10/100 |
| **11056** | C | 2 buttons 2 way switch | Coffee metallic | 10 | 10/100 |
| **11726** | C | 3 buttons 1 way switch | Coffee metallic | 10 | 10/100 |
| **11176A** | C | curtain control switch | Coffee metallic | - | 10/100 |
| **11416** | C | sensor switch | Coffee metallic | - | 10/100 |
| **11196** | C | dimmer switch | Coffee metallic | - | 10/100 |
| **11186** | C | door bell switch | Coffee metallic | - | 10/100 |
| **11186B** | C | door bell switch with name card | Coffee metallic | - | 10/100 |
| **11186C** | C | Push light switch | Coffee metallic | 10 | 10/100 |

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



11216



11376



11216C



11266



11746
11736



11286
112866E



11716



11256



11686



11336

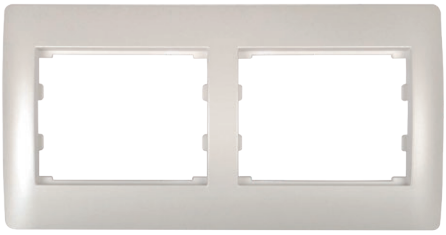
**IP20**

## FUNCTIONAL PART "RHYME" SERIES

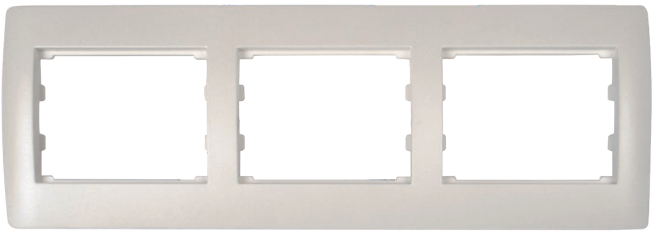
| Catalogue number | Product category | Type | Colour | Rated current In (A) | Packing/Box (pcs) |
|---|---|---|---|---|---|
| **11216** | C | German type socket | Coffee metallic | 16 | 10/100 |
| **11216C** | C | German type socket with cover | Coffee metallic | 16 | 10/100 |
| **11376** | C | German type socket (double) | Coffee metallic | 16 | 10/50 |
| **11266** | C | Phone socket RJ11 | Coffee metallic | | 10/100 |
| **11746** | C | Phone socket RJ11 - double | Coffee metallic | | 10/100 |
| **11736** | C | Phone socket RJ11 + computer socket RJ45 | Coffee metallic | | 10/100 |
| **11286** | C | Computer socket (cat5e) RJ45 | Coffee metallic | | 10/100 |
| **112866E** | C | Computer socket RJ45 (CAT6e) | Coffee metallic | | 10/100 |
| **11716** | C | Computer socket RJ45 - double | Coffee metallic | | 10/100 |
| **11256** | C | TV socket | Coffee metallic | | 10/100 |
| **11686** | C | TV socket+FM socket + SAT socket* | Coffee metallic | | 10/100 |
| **11336** | C | Key card power switch * | Coffee metallic | | 10/100 |

** is not compatible with another decorative frame or frame designed for more than one functional part*

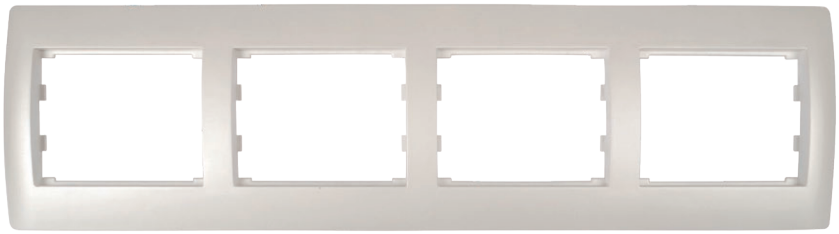
***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



2 gangs



3 gangs



4 gangs



## 2 GANGS PANEL "RHYME" SERIES

| Catalogue number | Product category | Type | Colour |
|---|---|---|---|
| **11551** | C | 2 gangs | White metallic |
| **11552** | C | 2 gangs | Champagne metallic |
| **11554** | C | 2 gangs | Grey metallic |
| **11555** | C | 2 gangs | Graphite metallic |
| **11556** | C | 2 gangs | Coffee metallic |

## 3 GANGS PANELS "RHYME" SERIES

| Catalogue number | Product category | Type | Colour |
|---|---|---|---|
| **11661** | C | 3 gangs | White metallic |
| **11662** | C | 3 gangs | Champagne metallic |
| **11664** | C | 3 gangs | Grey metallic |
| **11665** | C | 3 gangs | Graphite metallic |
| **11666** | C | 3 gangs | Coffee metallic |

## 4 GANGS PANELS "RHYME" SERIES

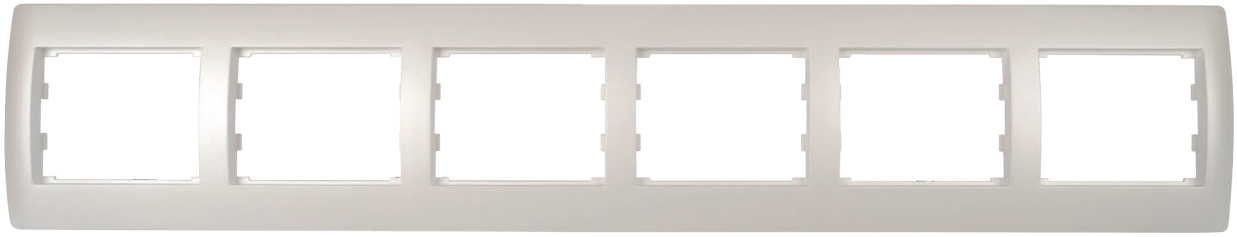
| Catalogue number | Product category | Type | Colour |
|---|---|---|---|
| **11361** | C | 4 gangs | White metallic |
| **11362** | C | 4 gangs | Champagne metallic |
| **11364** | C | 4 gangs | Grey metallic |
| **11365** | C | 4 gangs | Graphite metallic |
| **11366** | C | 4 gangs | Coffee metallic |

Packing/Box (pcs): 2 gangs 20/200 | 3 gangs 20/200 | 4 gangs 10/100

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



5 gangs



6 gangs



Outlet safety cap



Wall protector



## 5 GANGS PANEL "RHYME" SERIES

| Catalogue number | Product category | Type | Colour |
|---|---|---|---|
| **11601** | C | 5 gangs | White metallic |
| **11602** | C | 5 gangs | Champagne metallic |
| **11604** | C | 5 gangs | Grey metallic |
| **11605** | C | 5 gangs | Graphite metallic |
| **11606** | C | 5 gangs | Coffee metallic |

## 6 GANGS PANELS "RHYME" SERIES

| Catalogue number | Product category | Type | Colour |
|---|---|---|---|
| **11621** | C | 6 gangs | White metallic |
| **11622** | C | 6 gangs | Champagne metallic |
| **11624** | C | 6 gangs | Grey metallic |
| **11625** | C | 6 gangs | Graphite metallic |
| **11626** | C | 6 gangs | Coffee metallic |

## OUTLET SAFETY CAP

| Catalogue number | Type | Colour |
|---|---|---|
| **192215** | Outlet safety cap | White |
| **192214** | Outlet safety cap | Brown |
| **192121/WH** | Wall protector | White |
| **192121/TR** | Wall protector | Transperent |

Packing/Box (pcs): 2 gangs 20/200 | 3 gangs 20/200 | 4 gangs 10/100

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



M030137



M030164



**IP20**

## WATER HEATER SWITCH WITH LIGHT LABEO SERIES

| Catalogue number | Product category | Type | Voltage (V) | Current (A) | Mounting type | Length (mm) | Height (mm) | Width (mm) | Packing/ Box (pcs) |
|---|---|---|---|---|---|---|---|---|---|
| **M030137** | C | LABEO FM | 220 AC | 25 | flush | 100 | 100 | 50 | 1 |
| **M030164** | C | LABEO SM | 220 AC | 25 | surface | 100 | 100 | 50 | 1 |

2+0 standard +extended 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days.***



26024



24203



26205



**IP20**

## WATER HEATER SWITCH AND MOUNTING CONSOLE BOXES "LECCE" SERIES

| Catalogue number | Product category | Type | Colour | Size | Rated current In (A) | Packing/Box (pcs) |
|---|---|---|---|---|---|---|
| **26024** | C | boiler switch with neon* | White | 3 mod | 45 | 1/60 |
| **24203** | C | Console box for brick and concrete | Black | triple | | 1/300 |
| **24205** | C | Console box for plasterboard | Blue | triple | - | 1/300 |

* the product comes without decorative tripple panel

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



191011
191021
191031



191041



191012



191071

**IP44**

## SWITCHES AND SOCKETS

| Catalogue number | Product category | Type | Colour | Rated current In (A) | Packing/Box (pcs) |
|---|---|---|---|---|---|
| **191011** | C | 1 Gang 1 Way Switch | white | 10AX | 10/100 |
| **191021** | C | 1 Gang 2 Way Switch | white | 10AX | 10/100 |
| **191031** | C | 1 Gang Intermediate Switch | white | 10AX | 10/100 |
| **191041** | C | 2 gangs 1 Way Switch | white | 10AX | 10/100 |
| **191012** | C | German type socket | white | 16A | 10/100 |
| **191071** | C | German type socket- double | white | 16A | 10/100 |

5+0 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



191111
191121
191181



191141



191112



191171

**IP65**

## SWITCHES AND SOCKETS

| Catalogue number | Product category | Type | Colour | Rated current In (A) | Packing/Box (pcs) |
|---|---|---|---|---|---|
| **191111** | C | 1 Gang 1 Way Switch | grey | 10AX | 10/100 |
| **191121** | C | 1 Gang 2 Way Switch | grey | 10AX | 10/100 |
| **191141** | C | 2 gangs 1 Way Switch | grey | 10AX | 10/100 |
| **191181** | C | 1 Gang Push Button Switch | grey | 10AX | 10/100 |
| **191112** | C | German type socket | grey | 16A | 10/100 |
| **191171** | C | German type socket- double | grey | 16A | 10/100 |

5+0 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

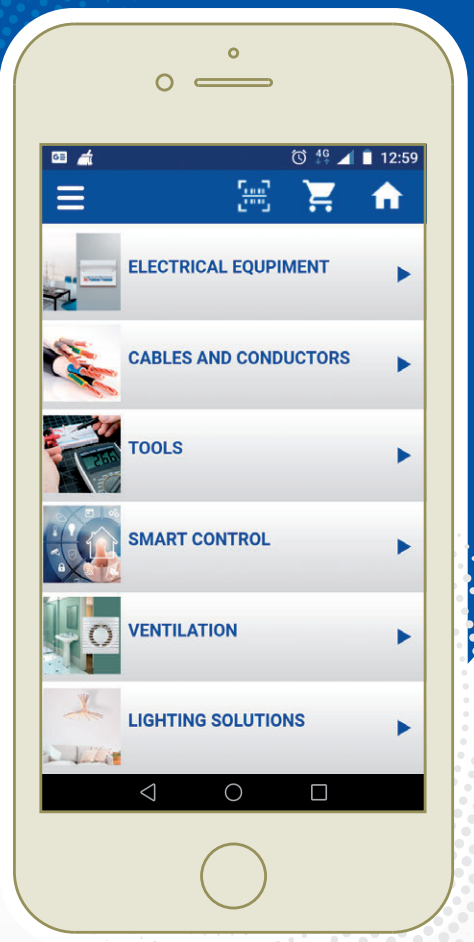
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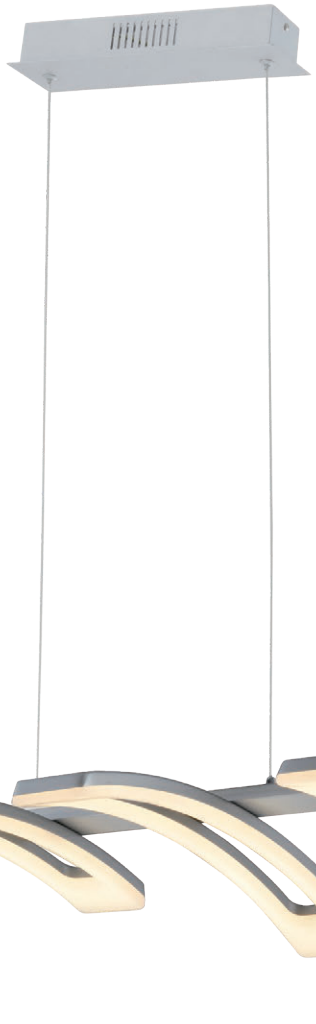
# LIGHTING



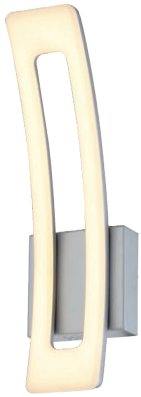
# MODERN



MARCELLA
955MARCELLA1T



MARCELLA
955MARCELLA3R



MARCELLA
955MARCELLA1W



LED WARM WHITE 2700K **IP40**

## MARCELLA

| Catalogue number | Product category | Description | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **955MARCELLA1W** | A | Wall lamp | 11 | 756 | 2800-3200 | Silver | 400 | 110 | 140 | 1/1 | A++→A |
| **955MARCELLA1T** | A | Table lamp | 11 | 770 | 2800-3200 | Silver | 220 | 160 | 363 | 1/1 | A++→A |
| **955MARCELLA3R** | A | Chandelier | 33 | 2310 | 2800-3200 | Silver | 540 | 520 | 1500 | 1/1 | A++→A |

**Material:** Aluminium + Iron + PC, **LED:** Included, **Light source:** Epistar 2835

~230V 50/60 Hz > 15000 SMD 2835 Ra≥80 IP 40 RoHS EMC CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



# MARCELLA

955MARCELLA4A

LED WARM WHITE 2700K **IP40**

## MARCELLA

| Catalogue number | Product category | Description | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **955MARCELLA4A** | A | Chandelier | 42 | 2940 | 2800-3200 | Silver | 740 | 520 | 1500 | 1/1 | A++→A |

**Material:** Aluminium + Iron + PC, **LED:** Included, **Light source:** Epistar 2835

~230V | 50/60 Hz | > 15000 | SMD 2835 | Ra≥80 | Hg | IP 40 | RoHS COMPLIANT | EMC | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



## OWEN

955OWEN1P



LED WARM WHITE 2700K IP40

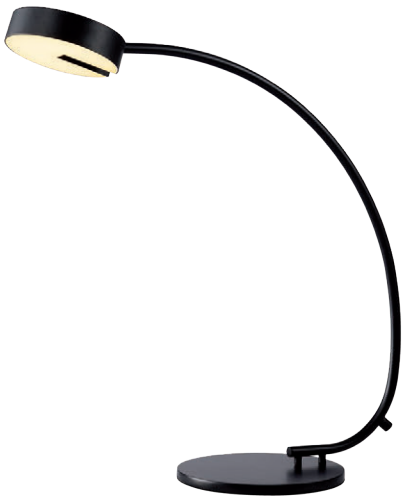
### OWEN

| Catalogue number | Product category | Description | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **955OWEN1P** | A | Pendant | 19 | 1330 | 2800-3200 | Chrome | 520 | 520 | 1500 | 1/5 | A++→A |

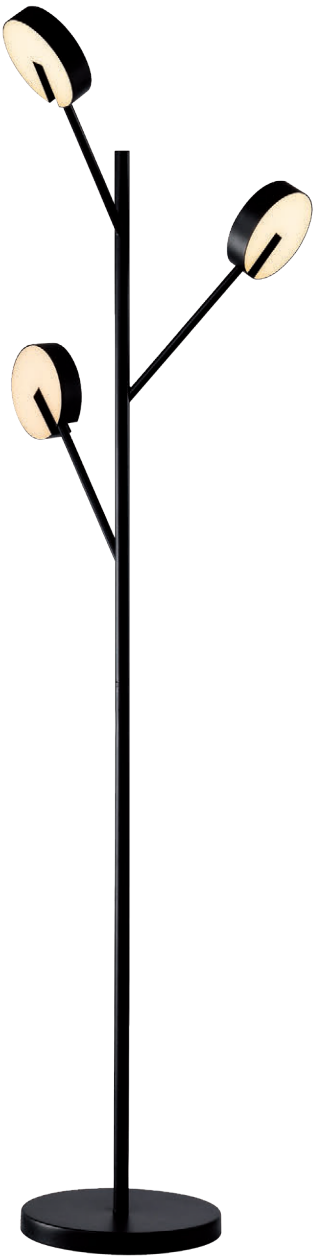
**Material:** Aluminium + Iron + Acrylic, **LED:** Included, **Light source:** Epistar 2835

~230V | 50/60 Hz | > 15000 | SMD 2835 | Ra≥80 | Hg | IP 40 | RoHS COMPLIANT | EMC | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



SENSO
955SENSO1T



SENSO
955SENSO3F



LED WARM WHITE 2700K **IP40**

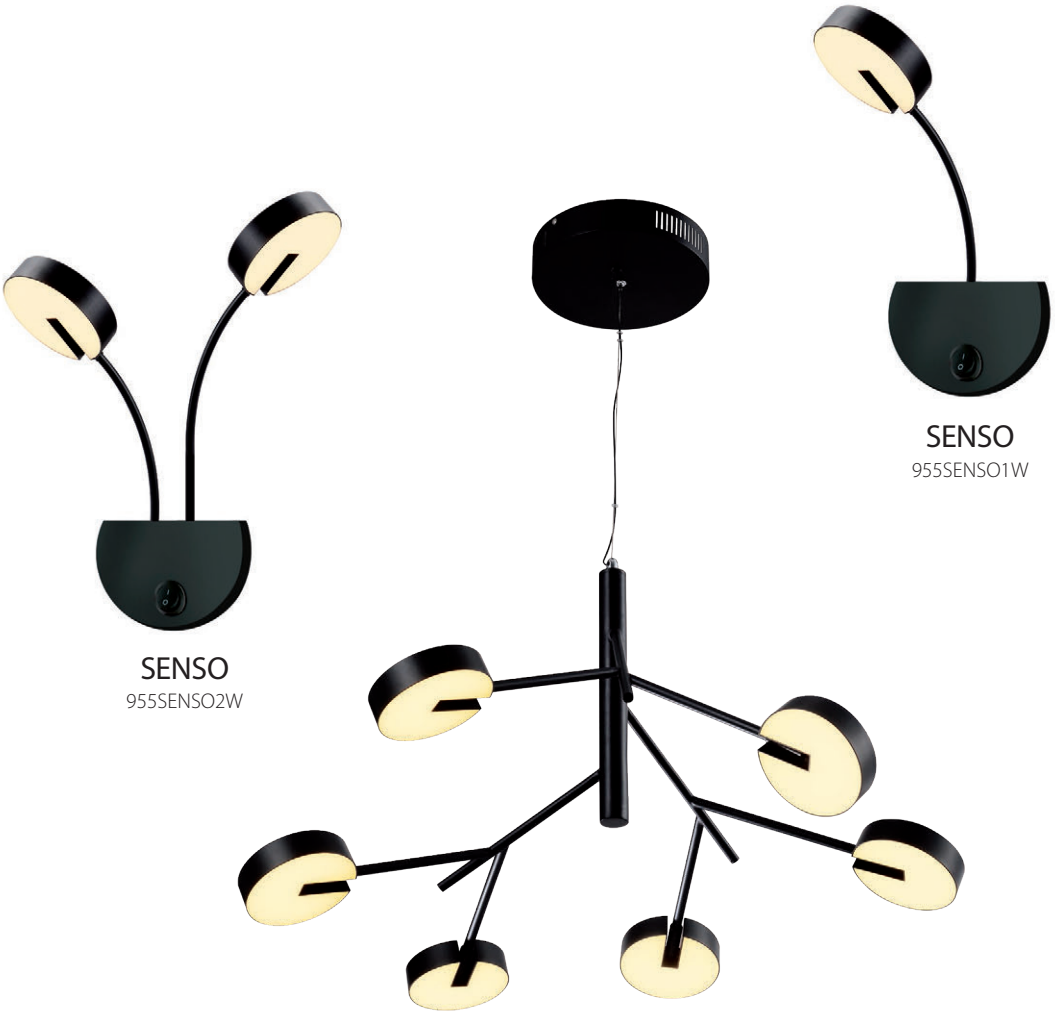
## SENSO

| Catalogue number | Product category | Description | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour | Length/ Diameter (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **955SENSO1T** | A | Table lamp | 8.5 | 588 | 2800-3200 | Matte black | 458 | 180 | 459 | 1/1 | A++→A |
| **955SENSO3F** | A | Floor lamp | 25 | 1764 | 2800-3200 | Matte black | 443 | | 1475 | 1/1 | A++→A |

**Material:** Aluminium + Iron + Acrylic, **LED:** Included, **Light source:** Epistar 2835

~230V | 50/60 Hz | > 15000 | SMD 2835 | Ra≥80 | Hg | IP 40 | RoHS COMPLIANT | EMC | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



SENSO
955SENSO1W

SENSO
955SENSO2W

SENSO
955SENSO6

LED WARM WHITE 2700K **IP40**

## SENSO

| Catalogue number | Product category | Description | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour | Length/ Diameter (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **955SENSO1W** | A | Wall lamp | 8.5 | 588 | 2800-3200 | Matte black | 100 | 100 | 300 | 1/1 | A++→A |
| **955SENSO2W** | A | Wall lamp | 17 | 1176 | 2800-3200 | Matte black | 180 | 100 | 460 | 1/1 | A++→A |
| **955SENSO6** | A | Pendant | 50 | 3528 | 2800-3200 | Matte black | 696 | | 1200 | 1/1 | A++→A |

**Material:** Aluminium + Iron + Acrylic, **LED:** Included, **Light source:** Epistar 2835

~230V | 50/60 Hz | > 15000 | SMD 2835 | Ra≥80 | Hg | IP 40 | RoHS COMPLIANT | EMC | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

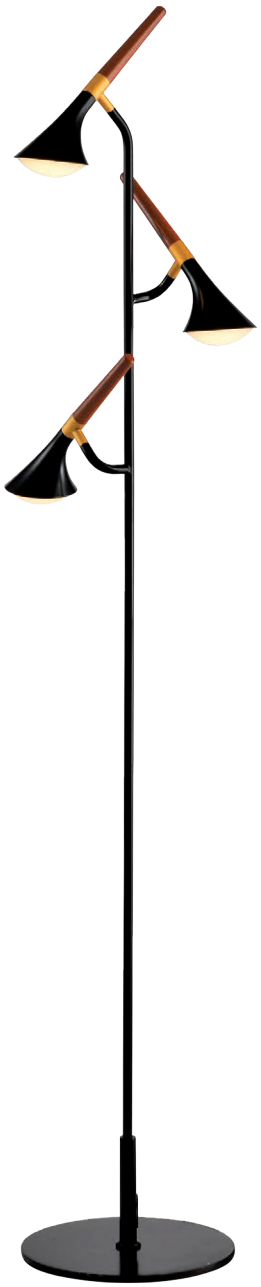
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DUNCAN
955DUNCAN1W



DUNCAN
955DUNCAN1T



DUNCAN
955DUNCAN3F



LED WARM WHITE 2700K **IP40**

## DUNCAN

| Catalogue number | Product category | Description | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour | Length/ Diameter (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **955DUNCAN1W** | A | Wall lamp | 5 | 350 | 2800-3200 | Matte black & wood | 288 | 100 | 190 | 1/10 | A++→A |
| **955DUNCAN1T** | A | Table lamp | 5 | 350 | 2800-3200 | Matte black & wood | 272 | 180 | 272 | 1/2 | A++→A |
| **955DUNCAN3F** | A | Floor lamp | 15 | 1050 | 2800-3200 | Matte black & wood | 230 | 250 | 1440 | 1/1 | A++→A |

**Material:** Aluminium + Iron + PC, **LED:** Included, **Light source:** Epistar 2835

~230V | 50/60 Hz | > 15000 | SMD 2835 | Ra≥80 | Hg | IP 40 | RoHS COMPLIANT | EMC | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



DUNCAN
955DUNCAN9



DUNCAN
955DUNCAN6



LED WARM WHITE 2700K **IP40**

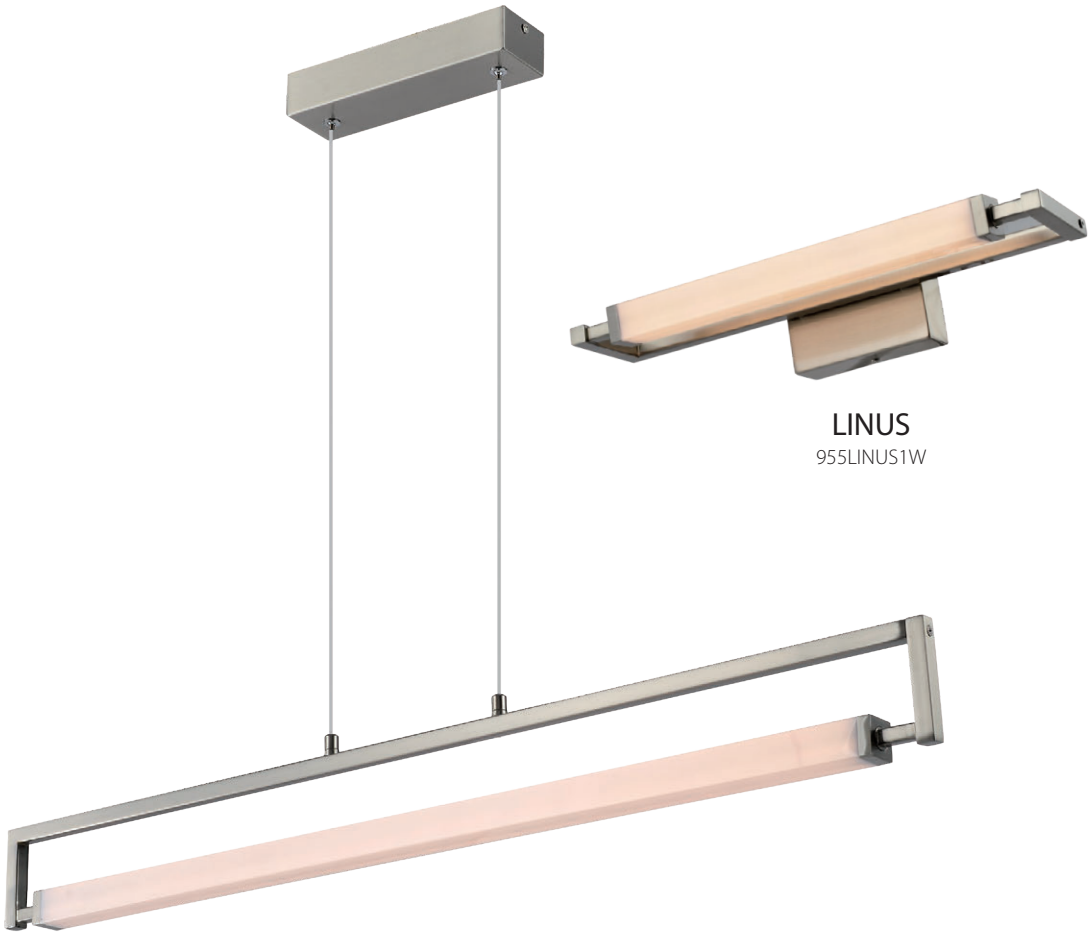
## DUNCAN

| Catalogue number | Product category | Description | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour | Length/ Diameter (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **955DUNCAN6** | A | Chandelier | 30 | 2100 | 2800-3200 | Matte black & wood | 730 | 730 | 260 | 1/1 | A++→A |
| **955DUNCAN9** | A | Chandelier | 45 | 3150 | 2800-3200 | Matte black & wood | 820 | 820 | 390 | 1/1 | A++→A |

**Material:** Aluminium + Iron + PC, **LED:** Included, **Light source:** Epistar 2835

~230V | 50/60 Hz | > 15000 | SMD 2835 | Ra≥80 | Hg | IP 40 | RoHS COMPLIANT | EMC | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LINUS
955LINUS1W

LINUS
955LINUS1P



LED WARM WHITE 2700K **IP40**

## LINUS

| Catalogue number | Product category | Description | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **955LINUS1W** | A | Wall lamp | 8.5 | 595 | 2800-3200 | Silver | 408 | 100 | 135 | 1/1 | A++→A |
| **955LINUS1P** | A | Pendant | 23 | 1610 | 2800-3200 | Silver | 918 | 60 | 1200 | 1/1 | A++→A |

**Material:** Aluminium + Iron + PC, **LED:** Included, **Light source:** Epistar 2835

~230V | 50/60 Hz | > 15000 | SMD 2835 | Ra≥80 | Hg | IP 40 | RoHS COMPLIANT | EMC | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

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HENDRIX
955HENDRIX1P



HENDRIX
955HENDRIX1T

LED WARM WHITE 2700K **IP40**

## HENDRIX

| Catalogue number | Product category | Description | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **955HENDRIX1T** | A | Table lamp | 11 | 770 | 2800-3200 | White & black | 250 | 480 | 1/1 | A++→A |
| **955HENDRIX1P** | A | Pendant | 21 | 1470 | 2800-3200 | White & black | 350 | 1500 | 1/1 | A++→A |

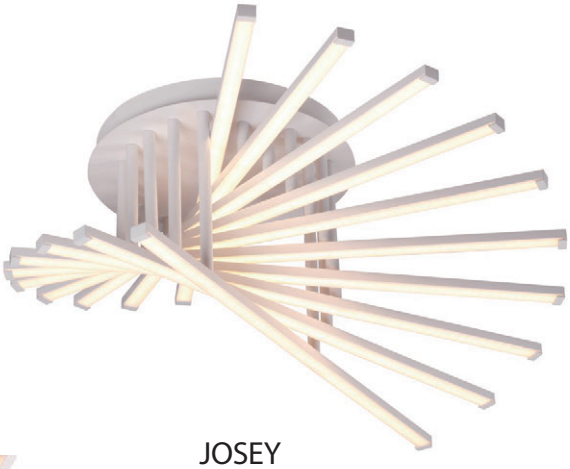
**Material:** Aluminium + Iron + PC, **LED:** Included, **Light source:** Epistar 2835

~230V | 50/60 Hz | > 15000 | SMD 2835 | Ra≥80 | Hg | IP 40 | RoHS COMPLIANT | EMC | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



JOSEY
955JOSEY48
955JOSEY48W



JOSEY
955JOSEY120
955JOSEY120W



JOSEY
955JOSEY156P
955JOSEY156PW



LED | WARM WHITE 2700K | COOL WHITE 6400K | IP40

UNTIL SUPPLY LAST

## JOSEY

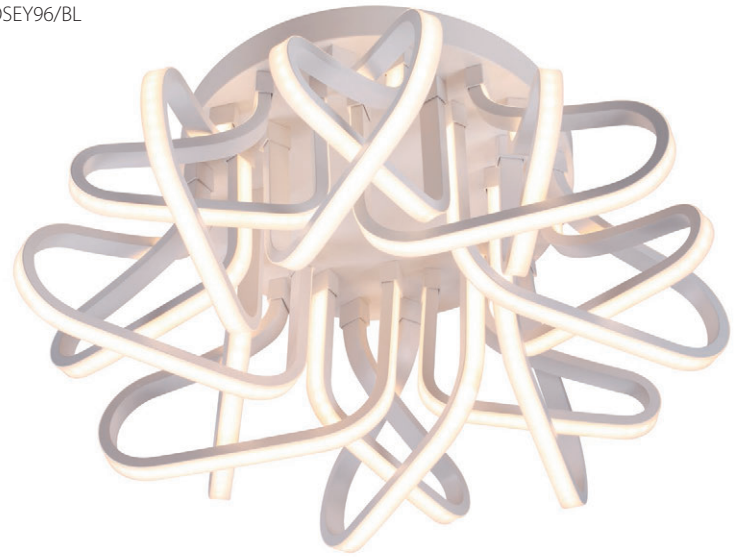
| Catalogue number | Product category | Description | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **955JOSEY48** | F | Chandelier | 48 | 3600 | 3000 | mat white | 410 | 410 | 170 | 1/1 | A++→A |
| **955JOSEY48W** | F | Chandelier | 48 | 3600 | 5000 | mat white | 410 | 410 | 170 | 1/1 | A++→A |
| **955JOSEY120** | F | Chandelier | 120 | 9000 | 3000 | mat white | 610 | 610 | 260 | 1/1 | A++→A |
| **955JOSEY120W** | F | Chandelier | 120 | 9000 | 5000 | mat white | 610 | 610 | 260 | 1/1 | A++→A |
| **955JOSEY156P** | F | Pendant | 156 | 11700 | 3000 | mat white | 700 | | 1200 | 1/1 | A++→A |
| **955JOSEY156PW** | F | Pendant | 156 | 11700 | 5000 | mat white | 700 | | 1200 | 1/1 | A++→A |

**Material:** Aluminium + silicon, **LED:** Included, **Light source:** Epistar 2835, **White:** RAL9016

~230V | 50/60 Hz | > 15000 | SMD 2835 | Ra≥80 | IP 40 | RoHS | EMC | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY



JOSEY
955JOSEY96/BL



JOSEY
955JOSEY192
955JOSEY192W



LED | WARM WHITE 2700K | COOL WHITE 6400K | IP40

UNTIL SUPPLY LAST

JOSEY

| Catalogue number | Product category | Description | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **955JOSEY96/BL** | F | Chandelier | 96 | 7200 | 3000 | black | 575 | | 50 | 1/1 | A++→A |
| **955JOSEY192** | F | Chandelier | 192 | 13824 | 3000 | mat white | 600 | 600 | 220 | 1/1 | A++→A |
| **955JOSEY192W** | F | Chandelier | 192 | 13824 | 5000 | mat white | 600 | 600 | 220 | 1/1 | A++→A |

**Material:** Aluminium + silicon, **LED:** Included, **Light source:** Epistar 2835, **White:** RAL9016

~230V | 50/60 Hz | > 15000 | SMD 2835 | Ra≥80 | IP 40 | RoHS | EMC | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY



SHELL
955SHELL1P



SHELL
955SHELL1W/G



SHELL
955SHELL1W/SL



SHELL
955SHELL1W/WH



LED NEUTRAL WHITE 4000K **IP40**

UNTIL SUPPLY LAST

## SHELL

| Catalogue number | Product category | Description | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **955SHELL1P** | F | Chandelier | 40 | 3600 | 4000 | white | 500 | | 70 | 1/1 | A++→A |
| **955SHELL1W/WH** | F | Wall lamp | 5 | 500 | 4000 | white | 170 | 110 | 70 | 1/20 | A++→A |
| **955SHELL1W/G** | F | Wall lamp | 5 | 500 | 4000 | gold | 170 | 110 | 70 | 1/20 | A++→A |
| **955SHELL1W/SL** | F | Wall lamp | 5 | 500 | 4000 | silver | 170 | 110 | 70 | 1/20 | A++→A |

**Material:** Plastic, **LED:** Included, **Light source:** Epistar

~230V 50/60 Hz > 15000 Ra≥80 Hg IP 40 RoHS COMPLIANT EMC CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



CAMEO
955CAMEO20



CAMEO
955CAMEO30



CAMEO
955CAMEO5W



CAMEO
955CAMEO15



LED WARM WHITE 2700K **IP40**

UNTIL SUPPLY LAST

## CAMEO

| Catalogue number | Product category | Description | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **955CAMEO5W** | F | Spot | 5 | 400 | 3200 | chrome | 80 | | 120 | 1/24 | A++→A |
| **955CAMEO15** | F | Spot | 15 | 1200 | 3200 | chrome | 250 | | 125 | 1/6 | A++→A |
| **955CAMEO20** | F | Spot | 20 | 1600 | 3200 | chrome | | 600 | 125 | 1/6 | A++→A |
| **955CAMEO30** | F | Spot | 30 | 2400 | 3200 | chrome | | 1500 | 145 | 1/4 | A++→A |

**Material:** Metal, **LED:** Included, **Light source:** Epistar

~230V 50/60 Hz > 15000 Ra≥80 Hg IP 40 RoHS EMC CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



AZZAR
955AZZAR7



AZZAR
955AZZAR108



LED | WARM WHITE 2700K | IP40

UNTIL SUPPLY LAST

## AZZAR

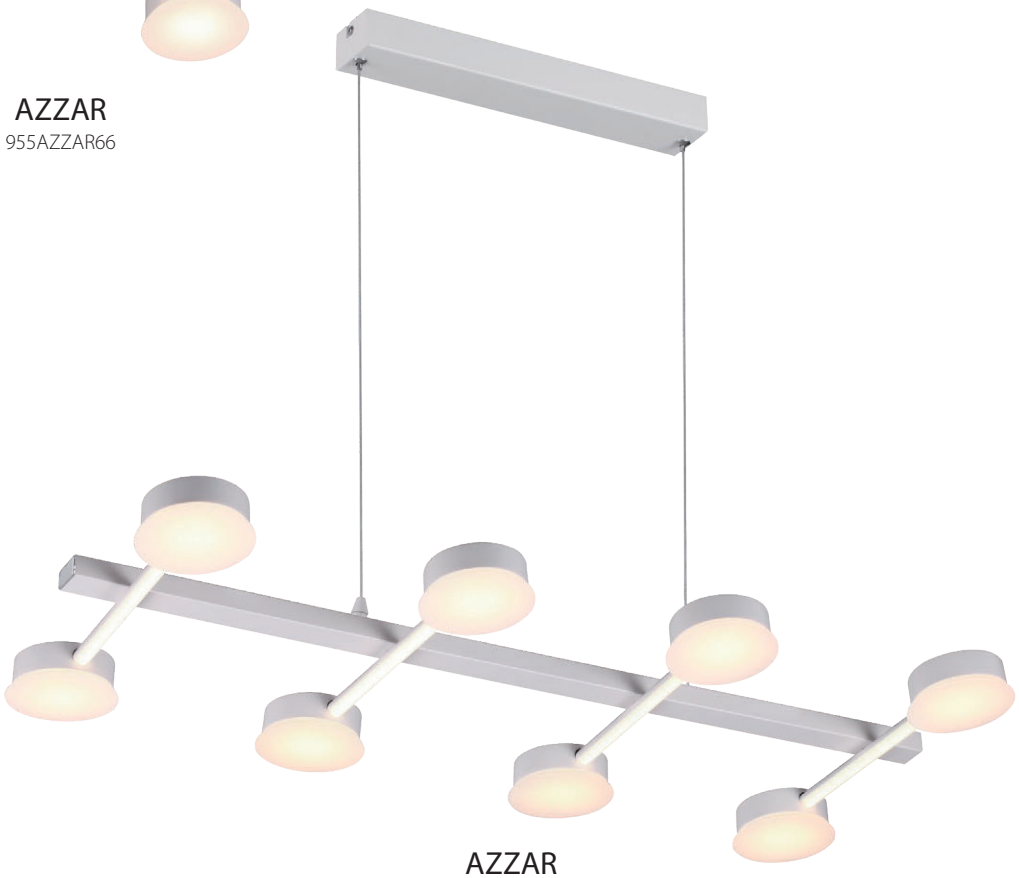
| Catalogue number | Product category | Description | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **955AZZAR7** | F | Ceiling lamp | 7 | 490 | 3000 | mat white | 100 | 100 | 75 | 1/20 | A++→A |
| **955AZZAR108** | F | Chandelier | 108 | 8100 | 3000 | mat white | 1000 | 420 | 1200 | 1/1 | A++→A |

**Material:** Aluminium + acrylic + silicon, **LED:** Included, **Light source:** Epistar 2835, **White:** RAL9016

~230V | 50/60 Hz | > 15000 | SMD 2835 | Ra≥80 | IP 40 | RoHS COMPLIANT | EMC | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY



AZZAR
955AZZAR66



AZZAR
955AZZAR72



LED WARM WHITE 2700K **IP40**

UNTIL SUPPLY LAST

## AZZAR

| Catalogue number | Product category | Description | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **955AZZAR66** | F | Chandelier | 66 | 4950 | 3000 | mat white | 580 | 580 | 140 | 1/1 | A++→A |
| **955AZZAR72** | F | Chandelier | 72 | 5400 | 3000 | mat white | 800 | 420 | 1200 | 1/1 | A++→A |

**Material:** Aluminium + acrylic + silicon, **LED:** Included, **Light source:** Epistar 2835, **White:** RAL9016

~230V 50/60 Hz > 15000 SMD 2835 Ra≥80 IP 40 RoHS EMC CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY





OLIVIA
955OLIVIA42

OLIVIA
955OLIVIA42P



OLIVIA
955OLIVIA7W



LED | WARM WHITE 2700K | IP40

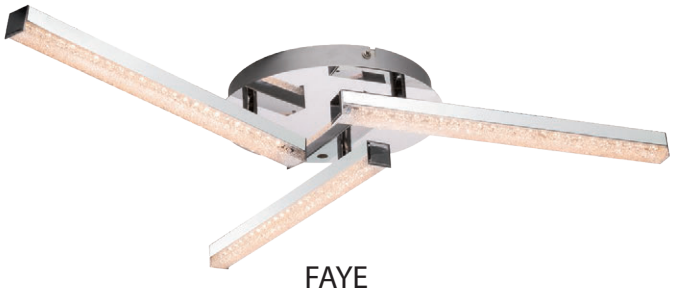
UNTIL SUPPLY LAST

## OLIVIA

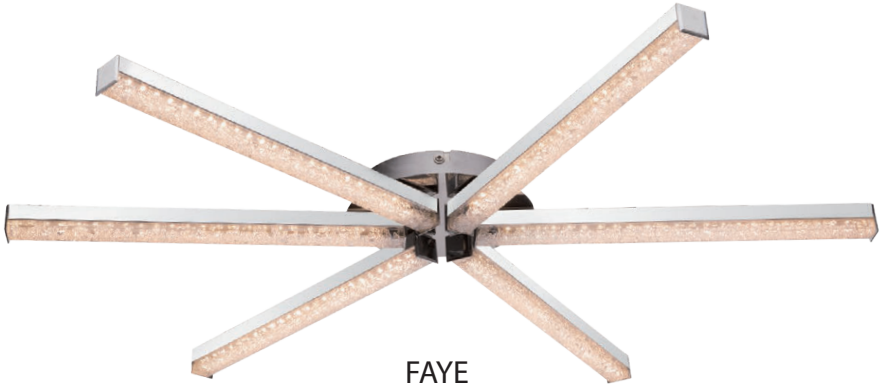
| Catalogue number | Product category | Description | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **955OLIVIA7W** | F | Wall fixture | 7 | 490 | 3000 | black | 130 | 90 | 250 | 1/10 | A++→A |
| **955OLIVIA42** | F | Chandelier | 42 | 3150 | 3000 | black | 430 | | 300 | 1/1 | A++→A |
| **955OLIVIA42P** | F | Pendant | 42 | 3150 | 3000 | black | 730 | 100 | 1200 | 1/1 | A++→A |

**Material:** Aluminium + acrylic, **LED:** Included, **Light source:** Epistar 2835

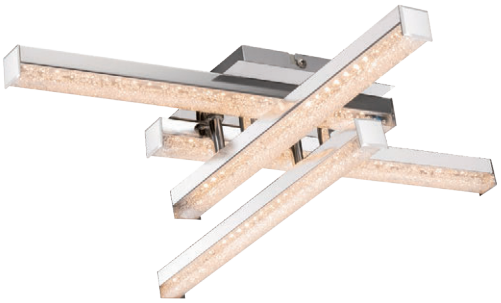
~230V | 50/60 Hz | > 15000 | SMD 2835 | Ra≥80 | IP 40 | RoHS COMPLIANT | EMC | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY



FAYE
955FAYE12



FAYE
955FAYE24



FAYE
955FAYE16

LED WARM WHITE 2700K **IP40**

UNTIL SUPPLY LAST

## FAYE

| Catalogue number | Product category | Description | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **955FAYE12** | F | Ceiling lamp | 12 | 960 | 3200 | chrome | 580 | | 50 | 1/6 | A++→A |
| **955FAYE16** | F | Ceiling lamp | 16 | 1280 | 3200 | chrome | 470 | 470 | 85 | 1/4 | A++→A |
| **955FAYE24** | F | Ceiling lamp | 24 | 1920 | 3200 | chrome | 680 | | 50 | 1/4 | A++→A |

**Material:** Metal, **LED:** Included, **Light source:** Epistar

~230V | 50/60 Hz | > 15000 | Ra≥80 | Hg | IP 40 | RoHS COMPLIANT | EMC | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY


LUX



HARRIET
955HARRIET1/SI



HARRIET
955HARRIET1/BZ



**IP20**

## HARRIET

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955HARRIET1/SI** | A | Pendant | Silver | 350 | 1500 | 1xE27 | 1/1 | A++→E |
| **955HARRIET1/BZ** | A | Pendant | Bronze | 350 | 1500 | 1xE27 | 1/1 | A++→E |

**Material:** Pendants: Metal & fabric; Table lamps: Metal & acrylic | **Lamps Not Included**, Max 40W

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



HARRIET
955HARRIET1T/BZ



HARRIET
955HARRIET1T/SI



HARRIET
955HARRIET1T2/BZ



HARRIET
955HARRIET1T2/SI



**IP20**

## HARRIET

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955HARRIET1T/SI** | A | Table lamp | Silver | 220 | 360 | 1xE27 | 1/1 | A++→E |
| **955HARRIET1T/BZ** | A | Table lamp | Bronze | 220 | 360 | 1xE27 | 1/1 | A++→E |
| **955HARRIET1T2/SI** | A | Table lamp | Silver | 350 | 500 | 1xE27 | 1/1 | A++→E |
| **955HARRIET1T2/BZ** | A | Table lamp | Bronze | 350 | 500 | 1xE27 | 1/1 | A++→E |

**Material:** Pendants: Metal & fabric; Table lamps: Metal & acrylic | **Lamps Not Included**, Max 40W

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



ELIZABETH
955ELIZABETH1WL/NI



ELIZABETH
955ELIZABETH1WL/G



ELIZABETH
955ELIZABETH1/G



ELIZABETH
955ELIZABETH1/NI



**IP20**

## ELIZABETH

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955ELIZABETH1/NI** | A | Chandelier | Nickel | 500 | 1500 | 1xE27 | 1/1 | A++→E |
| **955ELIZABETH1/G** | A | Chandelier | Gold | 500 | 1500 | 1xE27 | 1/1 | A++→E |
| **955ELIZABETH1WL/NI** | A | Wall lamp | Nickel | 220 | 200 | 1xE27 | 1/1 | A++→E |
| **955ELIZABETH1WL/G** | A | Wall lamp | Gold | 220 | 200 | 1xE27 | 1/1 | A++→E |

**Material:** Metal & fabric | **Lamps Not Included**, Max 40W

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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CLARA
955CLARA1T/NI



CAROL
955CAROL1F/BL



**IP20**

## CAROL / CLARA

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955CAROL1F/BL** | A | Floor lamp | Black & brass | 600 | 1850 | 1xE27 | 1/1 | A++→E |
| **955CLARA1T/NI** | A | Table lamp | Nickel | 460 | 670 | 1xE27 | 1/1 | A++→E |

**Material:** CAROL: Wood, fabric & metal, CLARA: Metal & fabric | **Lamps Not Included**, Max 40W

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



TOMY
955TOMY1T



TOMY
955TOMY1F



TOMY
955TOMY1WLED



**IP20**

## TOMY

| Catalogue number | Product category | Description | Colour | Length/ Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955TOMY1T** | A | Table lamp | dark gray | 240 | 490 | E27 | 1/1 | A++→E |
| **955TOMY1F** | A | Floor lamp | dark gray | 400 | 1550 | E27 | 1/1 | A++→E |
| **955TOMY1WLED** | A | Wall lamp with two keys | dark gray | 120 | 250 | E27 + LED | 1/1 | A++→A A++→E |

**Material:** Metal+ Fabric, **Lamps Not Included,** max 40W on lampholder, 955TOMY1WLED colour temperature: 4000K, with two keys on the base

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



MELODY
955MELODY5



MELODY
955MELODY1



**IP20**

## MELODY

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955MELODY1** | A | Wall lamp | Chrome & white | 200 | 250 | 1xE27 | 1/1 | A++→E |
| **955MELODY3** | A | Chandelier | Chrome & white | 200 | 250 | 3xE27 | 1/1 | A++→E |
| **955MELODY5** | A | Chandelier | Chrome & white | 200 | 250 | 5xE27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included**, Max 40W

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



CARMEN
955CARMEN1T



CARMEN
955CARMEN6



CARMEN
955CARMEN1F



**IP20**

## CARMEN

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955CARMEN1F** | A | Floor lamp | White & chrome | 300 | 230 | 1xE27 | 1/1 | A++→E |
| **955CARMEN1T** | A | Table lamp | White & chrome | 300 | 230 | 1xE27 | 1/1 | A++→E |
| **955CARMEN6** | A | Chandelier | White & chrome | 300 | 230 | 6xE27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included**, Max 40W

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



MAYA
955MAYA1T



MAYA
955MAYA1WLED



MAYA
955MAYA1W



MAYA
955MAYA1P



MAYA
955MAYA1F



MAYA
955MAYA5



MAYA
955MAYA3

**IP20**

## MAYA

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955MAYA3** | A | Chandelier | Chrome | 550 | 420 | 3 x E27 | 1/1 | A++→E |
| **955MAYA5** | A | Chandelier | Chrome | 600 | 420 | 5 x E27 | 1/1 | A++→E |
| **955MAYA1P** | A | Pendant | Chrome | 350 | 420 | 1 x E27 | 1/1 | A++→E |
| **955MAYA1T** | A | Table lamp | Chrome | 300 | 650 | 1 x E27 | 1/1 | A++→E |
| **955MAYA1F** | A | Floor lamp | Chrome | 400 | 1630 | 1 x E27 | 1/1 | A++→E |
| **955MAYA1W** | A | Wall lamp | Chrome | 150 | 310 | 1 x E27 | 1/10 | A++→E |
| **955MAYA1WLED** | A | Wall lamp | Chrome | 220 | 220 | 1 x E27 + 1W LED | 1/10 | A++→E |

**Material:** Metal with glass and fabric shade, **955MAYA1WLED** - Wattage- 1W; Colour temperature- 4000K, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LILLY
955LILLY1T



LILLY
955LILLY5



LILLY
955LILLY1W



LILLY
955LILLY1F



LILLY
955LILLY3

**IP20**

## LILLY

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955LILLY3** | A | Chandelier | Chrome | 550 | - | 540 | 3 x E27 | 1/1 | A++→E |
| **955LILLY5** | A | Chandelier | Chrome | 650 | - | 590 | 5 x E27 | 1/1 | A++→E |
| **955LILLY1W** | A | Wall lamp | Chrome | - | 220 | 330 | 1 x E27 | 1/10 | A++→E |
| **955LILLY1T** | A | Table lamp | Chrome | 150 | - | 410 | 1 x E27 | 1/4 | A++→E |
| **955LILLY1F** | A | Floor lamp | Chrome | 400 | - | 1585 | 1 x E27 | 1/1 | A++→E |

**Material:** Metal with crystal and fabirc shade, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



MERY
955MERY1T/AB



MERY
955MERY5/AB



MERY
955MERY1P/AB



MERY
955MERY1F/AB



MERY
955MERY1W/AB



MERY
955MERY3/AB

**IP20**

## MERY

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955MERY3/AB** | A | Chandelier | Antique brass | 600 | 480 | 3 x E27 | 1/1 | A++→E |
| **955MERY5/AB** | A | Chandelier | Antique brass | 700 | 520 | 5 x E27 | 1/1 | A++→E |
| **955MERY1P/AB** | A | Pendant | Antique brass | 350 | 520 | 1 x E27 | 1/1 | A++→E |
| **955MERY1T/AB** | A | Table lamp | Antique brass | 320 | 570 | 1 x E27 | 1/1 | A++→E |
| **955MERY1F/AB** | A | Floor lamp | Antique brass | 400 | 1565 | 1 x E27 | 1/1 | A++→E |
| **955MERY1W/AB** | A | Wall lamp | Antique brass | 160 | 350 | 1 x E27 | 1/10 | A++→E |

**Material:** Metal with crystal and fabric shade, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



MERY
955MERY1T/CH



MERY
955MERY5/CH



MERY
955MERY1P/CH



MERY
955MERY1F/CH



MERY
955MERY1WLED/CH



MERY
955MERY1W/CH



MERY
955MERY3/CH

**IP20**

## MERY

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955MERY3/CH** | A | Chandelier | Chrome | 600 | 480 | 3 x E27 | 1/1 | A++→E |
| **955MERY5/CH** | A | Chandelier | Chrome | 700 | 520 | 5 x E27 | 1/1 | A++→E |
| **955MERY1P/CH** | A | Pendant | Chrome | 350 | 520 | 1 x E27 | 1/1 | A++→E |
| **955MERY1T/CH** | A | Table lamp | Chrome | 320 | 570 | 1 x E27 | 1/1 | A++→E |
| **955MERY1F/CH** | A | Floor lamp | Chrome | 400 | 1565 | 1 x E27 | 1/1 | A++→E |
| **955MERY1W/CH** | A | Wall lamp | Chrome | 160 | 350 | 1 x E27 | 1/10 | A++→E |
| **955MERY1WLED/CH** | A | Wall lamp | Chrome | 220 | 400 | 1 x E27 + 1W LED | 1/10 | A++→A A++→E |

**Material:** Metal with crystal and fabric shade, **955MERY1WLED/CH** - Wattage: 1W; Colour temperature: 4000K, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



ERIN LUX
955ERIN5



MARTA
955MARTA6



**IP20**

UNTIL SUPPLY LAST

## ERIN LUX / MARTA

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955ERIN5** | F | Chandelier | Sand nickel | 690 | 530 | 5 x E27 | 1/1 | A++→E |
| **955MARTA6** | F | Chandelier | Gold bronze | 690 | 470 | 6 x E27 | 1/1 | A++→E |

**Material:** Metal and glass shade, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



JULIA
955JULIA3



JULIA
955JULIA1



JULIA
955JULIA5



**IP20**

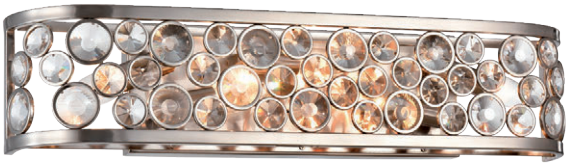
UNTIL SUPPLY LAST

## JULIA

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955JULIA1** | F | Pendant | Black | 250 | - | 280 | 1 x E27 | 1/1 | A++→E |
| **955JULIA3** | F | Chandelier | Black | 520 | - | 460 | 3 x E27 | 1/1 | A++→E |
| **955JULIA5** | F | Chandelier | Black | 250 | 800 | 250 | 5 x E27 | 1/1 | A++→E |

**Material:** Metal with crystal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



DJENY
955DJENY5W



DJENY
955DJENY3



DJENY
955DJENY5



**IP20**

UNTIL SUPPLY LAST

## DJENY

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955DJENY5** | F | Chandelier | Silver | 530 | - | 200 | 5 x E14 | 1/1 | A++→E |
| **955DJENY3** | F | Ceiling lamp | Silver | 450 | - | 240 | 3 x E14 | 1/1 | A++→E |
| **955DJENY5W** | F | Wall lamp | Silver | 660 | 145 | 100 | 5 x E14 | 1/1 | A++→E |

**Material:** Metal with crystal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY





JANET
955JANET4



JANET
955JANET3



JANET
955JANET2W

**IP20**

UNTIL SUPPLY LAST

## JANET

| Catalogue number | Product category | Description | Width / Diameter (mm) | Height (mm) | Lampholder | Packing/ Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|
| **955JANET4** | F | Chandelier | 550 | 400 | 4 x E27 | 1/1 | A++→E |
| **955JANET2W** | F | Wall lamp | 300 | 280 | 2 x E27 | 1/1 | A++→E |
| **955JANET3** | F | Ceiling lamp | 400 | 280 | 3 x E27 | 1/1 | A++→E |

**Material:** Metal silver with crystal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



JAKLIN
955JAKLIN1W



JAKLIN
955JAKLIN2



JAKLIN
955JAKLIN4



**IP20**

UNTIL SUPPLY LAST

## JAKLIN

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955JAKLIN1W** | F | Wall lamp | Silver | 200 | 241 | 95 | 1 x E27 | 1/1 | A++→E |
| **955JAKLIN2** | F | Ceiling lamp | Silver | 375 | - | 171 | 2 x E27 | 1/1 | A++→E |
| **955JAKLIN4** | F | Chandelier | Silver | 585 | - | 718 | 4 x E27 | 1/1 | A++→E |

**Material:** Metal with cloth lampshades / Metal with glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY





DARA

955DARA5



**IP20**

UNTIL SUPPLY LAST

## DARA

| Catalogue number | Product category | Description | Width / Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|
| **955DARA5** | F | Chandelier | 680 | 490 | 5 x E27 | 1/1 | A++→E |

**Material:** Metal chrome and glass shade, **Lamps Not Included**

RoHS CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



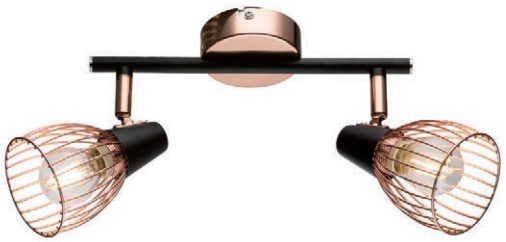
AMBIX
955AMBIX1W



AMBIX
955AMBIX3



AMBIX
955AMBIX3R



AMBIX
955AMBIX2



**IP20**

## AMBIX

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Length (mm) | Height (mm) | Lamp holder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955AMBIX1W** | A | Spot | black+copper | 80 | | 162 | 1xE14 | 1/24 | A++→E |
| **955AMBIX2** | A | Spot | black+copper | | 250 | 175 | 2xE14 | 1/12 | A++→E |
| **955AMBIX3** | A | Spot | black+copper | 250 | | 175 | 3xE14 | 1/6 | A++→E |
| **955AMBIX3R** | A | Ceiling lamp | black+copper | 390 | | 240 | 3xE14 | 1/6 | A++→E |

**Material:** Metal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



AMBIX
955AMBIX4



AMBIX
955AMBIX6



AMBIX
955AMBIX5

**IP20**

## AMBIX

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Length (mm) | Height (mm) | Lamp holder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955AMBIX4** | A | Spot | black+copper | | 600 | 175 | 4xE14 | 1/6 | A++→E |
| **955AMBIX5** | A | Ceiling lamp | black+copper | 630 | 370 | 210 | 5xE14 | 1/4 | A++→E |
| **955AMBIX6** | A | Spot | black+copper | | 1500 | 195 | 6xE14 | 1/4 | A++→E |

**Material:** Metal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



JULIE
955JULIE1W



JULIE
955JULIE2



JULIE
955JULIE3



JULIE
955JULIE3R



**IP20**

## JULIE

| Catalogue number | Product category | Description | Colour | Lampholder | Width / Diameter (mm) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955JULIE1W** | A | Spot | satin nickel+aluminium | 1xE14 | 80 | | 162 | 1/24 | A++→E |
| **955JULIE2** | A | Spot | satin nickel+aluminium | 2xE14 | | 250 | 175 | 1/12 | A++→E |
| **955JULIE3** | A | Spot | satin nickel+aluminium | 3xE14 | | 410 | 175 | 1/8 | A++→E |
| **955JULIE3R** | A | Ceiling lamp | satin nickel+aluminium | 3xE14 | 390 | | 240 | 1/6 | A++→E |

Material: Metal, Lamps Not Included

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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JULIE
955JULIE4



JULIE
955JULIE6



JULIE
955JULIE5



**IP20**

## JULIE

| Catalogue number | Product category | Description | Colour | Lampholder | Width / Diameter (mm) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955JULIE4** | A | Spot | satin nickel+aluminium | 4xE14 | | 600 | 175 | 1/6 | A++→E |
| **955JULIE5** | A | Ceiling lamp | satin nickel+aluminium | 5xE14 | 630 | 370 | 210 | 1/4 | A++→E |
| **955JULIE6** | A | Spot | satin nickel+aluminium | 6xE14 | | 1500 | 195 | 1/4 | A++→E |

Material: Metal, Lamps Not Included

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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SHEEN
955SHEEN1W/SN



SHEEN
955SHEEN2/SN



SHEEN
955SHEEN31/SN



**IP20**

## SHEEN

| Catalogue number | Product category | Description | Colour | Lamp holder | Width / Diameter (mm) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955SHEEN1W/SN** | A | Spot | satin nickel and chrome frame with clear glass | 1xE14 | 92 | 74 | 150 | 1/8 | A+→E |
| **955SHEEN2/SN** | A | Spot | satin nickel and chrome frame with clear glass | 2xE14 | | 280 | 165 | 1/6 | A+→E |
| **955SHEEN31/SN** | A | Ceiling lamp | satin nickel and chrome frame with clear glass | 3xE14 | 380 | 240 | | 1/4 | A+→E |

**Material:** Metal and glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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SHEEN
955SHEEN3/SN



SHEEN
955SHEEN4/SN



SHEEN
955SHEEN5/SN

**IP20**

## SHEEN

| Catalogue number | Product category | Description | Colour | Lamp holder | Width / Diameter (mm) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955SHEEN3/SN** | A | Spot | satin nickel and chrome frame with clear glass | 3xE14 | 450 | | 165 | 1/6 | A++→E |
| **955SHEEN4/SN** | A | Spot | satin nickel and chrome frame with clear glass | 4xE14 | | 700 | 165 | 1/4 | A++→E |
| **955SHEEN5/SN** | A | Ceiling lamp | satin nickel and chrome frame with clear glass | 5xE14 | 610 | 360 | 210 | 1/4 | A++→E |

**Material:** Metal and glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

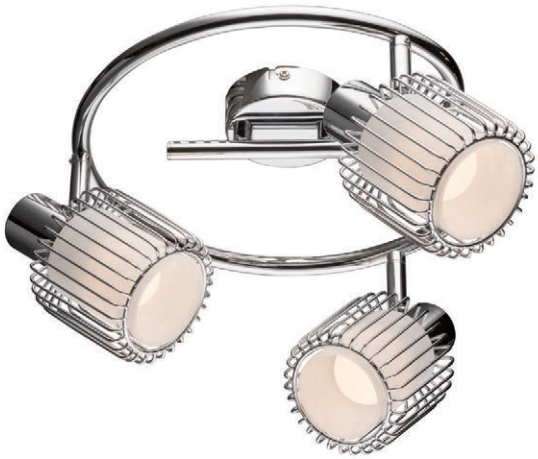
***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



ABBY
955ABBY1W



ABBY
955ABBY2



ABBY
955ABBY3



**IP20**

UNTIL SUPPLY LAST

## ABBY

| Catalogue number | Product category | Description | Colour | Lamp holder | Width / Diameter (mm) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955ABBY1W** | F | Spot | chrome+white glass | 1xE14 | 80 | | 120 | 1/24 | A++→E |
| **955ABBY2** | F | Spot | chrome+white glass | 2xE14 | | 250 | 175 | 1/12 | A++→E |
| **955ABBY3** | F | Spot | chrome+white glass | 3xE14 | 250 | | 175 | 1/6 | A++→E |

**Material:** Metal+glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



ABBY
955ABBY4



ABBY
955ABBY6



**IP20**

UNTIL SUPPLY LAST

## ABBY

| Catalogue number | Product category | Description | Colour | Lamp holder | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955ABBY4** | F | Spot | chrome+white glass | 4xE14 | 700 | 175 | 1/6 | A++→E |
| **955ABBY6** | F | Spot | chrome+white glass | 6xE14 | 1500 | 185 | 1/4 | A++→E |

**Material:** Metal+glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



IZZY
955IZZY1/BL



IZZY
955IZZY1/WH



IZZY
955IZZY2/BL



IZZY
955IZZY2/WH



IZZY
955IZZY1W/BL



IZZY
955IZZY1W/WH



**IP20**

## IZZY

| Catalogue number | Product category | Description | Colour | Lamp holder | Base Diameter (mm) | Length (mm) | Width (mm) | Packing/Box (mm) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955IZZY1W/WH** | A | Spot with metal swtich | white | 1xGU10 | 80 | | 180 | 1/20 | A++→E |
| **955IZZY1W/BL** | A | Spot with metal swtich | black | 1xGU10 | 80 | | 180 | 1/20 | A++→E |
| **955IZZY1/WH** | A | Spot | white | 1xGU10 | 80 | | 180 | 1/20 | A++→E |
| **955IZZY1/BL** | A | Spot | black | 1xGU10 | 80 | | 180 | 1/20 | A++→E |
| **955IZZY2/WH** | A | Spot | white | 2xGU10 | 80 | 250 | 180 | 1/12 | A++→E |
| **955IZZY2/BL** | A | Spot | black | 2xGU10 | 80 | 250 | 180 | 1/12 | A++→E |

**Material:** Metal, **Lamps Not Included** | max 50W on lampholder

3+2 standard +extended 5 YEAR TOTAL WARRANTY

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IZZY
955IZZY4/WH



IZZY
955IZZY3/BL



IZZY
955IZZY3/WH



IZZY
955IZZY4/BL

**IP20**

## IZZY

| Catalogue number | Product category | Description | Colour | Lamp holder | Diameter (mm) | Length (mm) | Width (mm) | Packing/Box (mm) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955IZZY3/WH** | A | Spot | white | 3xGU10 | 80/250 | | 180 | 1/6 | A++→E |
| **955IZZY3/BL** | A | Spot | black | 3xGU10 | 80/250 | | 180 | 1/6 | A++→E |
| **955IZZY4/WH** | A | Spot | white | 4xGU10 | 80 | 600 | 180 | 1/6 | A++→E |
| **955IZZY4/BL** | A | Spot | black | 4xGU10 | 80 | 600 | 180 | 1/6 | A++→E |

**Material:** Metal, **Lamps Not Included** | max 50W on lampholder

3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



ADDY WHITE
955ADDY3/WH



ADDY WHITE
955ADDY4/WH



ADDY WHITE
955ADDY1W/WH



**IP20**

## ADDY WHITE

| Catalogue number | Product category | Description | Colour | Lamp holder | Width / Diameter (mm) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955ADDY1W/WH** | A | Spot | white and wood painting | 1xE14 | 80 | | 150 | 1/24 | A++→E |
| **955ADDY3/WH** | A | Spot | white and wood painting | 3xE14 | 250 | | 165 | 1/6 | A++→E |
| **955ADDY4/WH** | A | Spot | white and wood painting | 4xE14 | | 700 | 165 | 1/6 | A++→E |

**Material:** Metal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



ADDY BLACK
955ADDY3/BL



ADDY BLACK
955ADDY4/BL



ADDY BLACK
955ADDY1W/BL

**IP20**

## ADDY BLACK

| Catalogue number | Product category | Description | Colour | Lamp holder | Width / Diameter (mm) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955ADDY1W/BL** | A | Spot | black and wood painting | 1xE14 | 80 | | 150 | 1/24 | A++→E |
| **955ADDY3/BL** | A | Spot | black and wood painting | 3xE14 | 250 | | 165 | 1/6 | A++→E |
| **955ADDY4/BL** | A | Spot | black and wood painting | 4xE14 | | 700 | 165 | 1/6 | A++→E |

**Material:** Metal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



ADDY GOLD
955ADDY1W/G



ADDY GOLD
955ADDY2/G



ADDY GOLD
955ADDY31/G



**IP20**

## ADDY GOLD

| Catalogue number | Product category | Description | Colour | Lamp holder | Width / Diameter (mm) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955ADDY1W/G** | A | Spot | antique gold and amber glass | 1xE14 | 80 | 150 | 150 | 1/8 | A++→E |
| **955ADDY2/G** | A | Spot | antique gold and amber glass | 2xE14 | | 280 | 165 | 1/6 | A++→E |
| **955ADDY31/G** | A | Ceiling lamp | antique gold and amber glass | 3xE14 | 390 | | 240 | 1/6 | A++→E |

**Material:** Metal and glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



ADDY GOLD
955ADDY4/G



ADDY GOLD
955ADDY5/G



**IP20**

## ADDY GOLD

| Catalogue number | Product category | Description | Colour | Lamp holder | Width / Diameter (mm) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955ADDY4/G** | A | Spot | antique gold and amber glass | 4xE14 | | 700 | 165 | 1/4 | A++→E |
| **955ADDY5/G** | A | Ceiling lamp | antique gold and amber glass | 5xE14 | 300 | 600 | 180 | 1/4 | A++→E |

**Material:** Metal and glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



ADDY CHROME
955ADDY1W/CH



ADDY CHROME
955ADDY2/CH



ADDY CHROME
955ADDY31/CH



**IP20**

## ADDY CHROME

| Catalogue number | Product category | Description | Colour | Lamp holder | Width / Diameter (mm) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955ADDY1W/CH** | A | Spot | chrome and smoking glass | 1xE14 | 80 | | 150 | 1/8 | A++→E |
| **955ADDY2/CH** | A | Spot | chrome and smoking glass | 2xE14 | | 280 | 165 | 1/6 | A++→E |
| **955ADDY31/CH** | A | Ceiling lamp | chrome and smoking glass | 3xE14 | 390 | | 240 | 1/6 | A++→E |

**Material:** Metal and glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



ADDY CHROME
955ADDY4/CH



ADDY CHROME
955ADDY5/CH



**IP20**

## ADDY CHROME

| Catalogue number | Product category | Description | Colour | Lamp holder | Width / Diameter (mm) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955ADDY4/CH** | A | Spot | chrome and smoking glass | 4xE14 | | 700 | 165 | 1/4 | A++→E |
| **955ADDY5/CH** | A | Ceiling lamp | chrome and smoking glass | 5xE14 | 300 | 600 | 180 | 1/4 | A++→E |

**Material:** Metal and glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



ADDY WOOD
955ADDY1W/WD



ADDY WOOD
955ADDY2/WD



ADDY WOOD
955ADDY3/WD



ADDY WOOD
955ADDY4/WD



**IP20**

## ADDY WOOD

| Catalogue number | Product category | Description | Colour | Lamp holder | Width / Diameter (mm) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955ADDY1W/WD** | A | Spot | satin nickel+wood painting+amber glass | 1xE14 | 80 | 150 | 150 | 1/8 | A++→E |
| **955ADDY2/WD** | A | Spot | satin nickel+wood painting+amber glass | 2xE14 | | 280 | 165 | 1/6 | A++→E |
| **955ADDY3/WD** | A | Spot | satin nickel+wood painting+amber glass | 3xE14 | 250 | | 165 | 1/6 | A++→E |
| **955ADDY4/WD** | A | Spot | satin nickel+wood painting+amber glass | 4xE14 | | 700 | 165 | 1/4 | A++→E |

**Material:** Metal and glass | **Lamps Not Included** | max 40W on lampholder

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



EDDY BLACK
955EDDY1W/BL



EDDY BLACK
955EDDY2/BL



EDDY BLACK
955EDDY3/BL



EDDY BLACK
955EDDY4/BL

**IP20**

## EDDY BLACK

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Length (mm) | Height (mm) | Lamp holder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955EDDY1W/BL** | A | Spot | black and white | 80 | | 150 | 1xE14 | 1/24 | A++→E |
| **955EDDY2/BL** | A | Spot | black and white | | 280 | 165 | 2xE14 | 1/12 | A++→E |
| **955EDDY3/BL** | A | Spot | black and white | 250 | 250 | | 3xE14 | 1/6 | A++→E |
| **955EDDY4/BL** | A | Spot | black and white | | 700 | 165 | 4xE14 | 1/6 | A++→E |

**Material:** Metal and glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



RIKO
955RIKO1W



RIKO
955RIKO2



RIKO
955RIKO3



RIKO
955RIKO4



**IP20**

## RIKO

| Catalogue number | Product category | Description | Colour | Length (mm) | Height (mm) | Lamp holder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955RIKO1W** | A | Spot | wood and black | 150 | 100 | 1xGU10 | 1/1 | A++→E |
| **955RIKO2** | A | Spot | wood and black | 320 | 100 | 2xGU10 | 1/1 | A++→E |
| **955RIKO3** | A | Spot | wood and black | 505 | 100 | 3xGU10 | 1/1 | A++→E |
| **955RIKO4** | A | Spot | wood and black | 300 | 100 | 4xGU10 | 1/1 | A++→E |

**Material:** Metal **and wood | Lamps Not Included |** max 35W on lampholder

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



TWIST
955TWIST3/BL



TWIST
955TWIST5/BL



**IP20**

## TWIST

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Height (mm) | Lamp holder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955TWIST3/BL** | A | Ceiling lamp | black | 570 | 220 | 3xE27 | 1/1 | A++→E |
| **955TWIST5/BL** | A | Ceiling lamp | black | 670 | 220 | 5xE27 | 1/1 | A++→E |

**Material:** Metal | **Lamps Not Included** | max 40W on lampholder

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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# CRYSTAL

*High Quality*



DALISS
955DALISS5



DALISS
955DALISS13



**IP20**

## DALISS

| Catalogue number | Product category | Description | Colour | Crystal index | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955DALISS5** | A | Chandelier | Gold | K9 | 390 | 420 | 5xE14 | 1/1 | A++→E |
| **955DALISS13** | A | Chandelier | Gold | K9 | 580 | 570 | 13xE14 | 1/1 | A++→E |

Material Metal and crystal, Lamps Not Included

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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AURIA
955AURIA5



AURIA
955AURIA10



**IP20**

UNTIL SUPPLY LAST

## AURIA

| Catalogue number | Product category | Description | Colour | Crystal index | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955AURIA5** | F | Chandelier | Chrome | K9 | 390 | 360 | 5xE14 | 1/1 | A++→E |
| **955AURIA10** | F | Chandelier | Chrome | K9 | 550 | 450 | 10xE14 | 1/1 | A++→E |

Material Metal and crystal, Lamps Not Included

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

*High Quality*



BLESSY
955BLESSY10



BLESSY
955BLESSY18



**IP20**

## BLESSY

| Catalogue number | Product category | Description | Colour | Crystal index | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955BLESSY10** | A | Chandelier | Chrome | K9 | 460 | 580 | 10xE14 | 1/1 | A++→E |
| **955BLESSY18** | A | Chandelier | Chrome | K9 | 610 | 770 | 18xE14 | 1/1 | A++→E |

Material Metal and crystal, Lamps Not Included

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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High Quality



BLESSY
955BLESSY44



BLESSY
955BLESSY77



BLESSY
955BLESSY19



**IP20**

## BLESSY

| Catalogue number | Product category | Description | Colour | Crystal index | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955BLESSY77** | A | Chandelier 14 sections | Chrome | K9 | 750 | 3000 | 77xE14 | 1/1 | A++→E |
| **955BLESSY44** | A | Chandelier 8 sections | Chrome | K9 | 750 | 1500 | 44xE14 | 1/1 | A++→E |
| **955BLESSY19** | A | Chandelier 5 sections | Chrome | K9 | 500 | 950 | 19xE14 | 1/1 | A++→E |

Material Metal and crystal, Lamps Not Included

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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High Quality



VERA
955VERA9



**IP20**

## VERA

| Catalogue number | Product category | Description | Colour | Crystal index | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955VERA9** | A | Chandelier | Gold | K9 | 500 | 200 | 9xE14 | 1/1 | A++→E |

Material Metal and crystal, Lamps Not Included

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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High Quality



CATHERINE
955CATHERINE17/R



**IP20**

## CATHERINE

| Catalogue number | Product category | Description | Colour | Crystal index | Width / Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **955CATHERINE17/R** | A | Chandelier | Gold & black | K9 | 600 | | 460 | 17xE14 | 1/1 | A++→E |
| **955CATHERINE17/S** | A | Chandelier | Gold & black | K9 | 400 | 1000 | 330 | 17xE14 | 1/1 | A++→E |

Material Metal and crystal, Lamps Not Included

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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*High Quality*



ALBERT
955ALBERT6



ALBERT
955ALBERT13



**IP20**

## ALBERT

| Catalogue number | Product category | Description | Colour | Crystal index | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955ALBERT6** | A | Chandelier 5 sections | Chrome | K9 | 500 | 950 | 6xE14 | 1/1 | A++→E |
| **955ALBERT13** | A | Chandelier 8 sections | Chrome | K9 | 750 | 1500 | 13xE14 | 1/1 | A++→E |

Material Metal and crystal, Lamps Not Included

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

ELMARK
www.elmarkholding.eu

*High Quality*



VICTORIA
955VICTORIA6



VICTORIA
955VICTORIA14



VICTORIA
955VICTORIA22



**IP20**

## VICTORIA

| Catalogue number | Product category | Description | Colour | Crystal index | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955VICTORIA6** | A | Ceiling lamp | Gold & black | K9 | 400 | 270 | 6xE14 | 1/1 | A++→E |
| **955VICTORIA14** | A | Ceiling lamp | Gold & black | K9 | 600 | 310 | 14xE14 | 1/1 | A++→E |
| **955VICTORIA22** | A | Ceiling lamp | Gold & black | K9 | 800 | 350 | 22xE14 | 1/1 | A++→E |

Material Metal and crystal, Lamps Not Included

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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AMELIA
955AMELIA18



MISHELLE
955MISHELLE8



**IP20**

## AMELIA / MISHELLE

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955AMELIA18** | A | Ceiling lamp | Gold | 800 | 300 | 18 x E27 | 1/1 | A++→E |
| **955MISHELLE8** | A | Ceiling lamp | Chrome | 600 | 340 | 8 x E14 | 1/1 | A++→E |

Material: Metal and crystal, Lamps Not Included

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



MEGAN
955MEGAN4



INNA
955INNA2W/CH



MEGAN
955MEGAN6



INNA
955INNA2W/GD



IP20

UNTIL SUPPLY LAST

## MEGAN

| Catalogue number | Product category | Description | Colour | Width (mm) | Length (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955MEGAN4** | F | Ceiling lamp | Chrome | 400 | 400 | 4 x E27 | 1/1 | A++→E |
| **955MEGAN6** | F | Ceiling lamp | Chrome | 600 | 400 | 6 x E27 | 1/1 | A++→E |

Material: Metal and crystal, Lamps Not Included

RoHS COMPLIANT · CE · 3+0 standard +extended 3 YEAR TOTAL WARRANTY

IP20

## INNA

| Catalogue number | Product category | Description | Colour | Width (mm) | Length (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955INNA2W/CH** | A | Wall lamp | Chrome | 210 | 330 | 2 x E14 | 1/1 | A++→E |
| **955INNA2W/GD** | A | Wall lamp | Gold | 210 | 330 | 2 x E14 | 1/1 | A++→E |

Material: Metal and crystal, Lamps Not Included

RoHS COMPLIANT · CE · 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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ANNA
955ANNA4



ANNA
955ANNA3



ANNA
955ANNA2



ANNA
955ANNA1W



**IP20**

## ANNA

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955ANNA4** | A | Chandelier | Chrome | 180 | 820 | 330 | 4xE14 | 1/1 | A++→E |
| **955ANNA2** | A | Chandelier | Chrome | 140 | 430 | 330 | 2xE14 | 1/1 | A++→E |
| **955ANNA3** | A | Chandelier | Chrome | 140 | 580 | 330 | 3xE14 | 1/1 | A++→E |
| **955ANNA1W** | A | Wall lamp | Chrome | 250 | 150 | 140 | 1xE14 | 1/10 | A++→E |

Material: Metal and crystal, Lamps Not Included

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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LIZA
955LIZA5/CH



LIZA
955LIZA1W/CH



LIZA
955LIZA1T/CH



LIZA
955LIZA3/CH

**IP20**

## LIZA

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955LIZA3/CH** | A | Chandelier | Chrome | 445 | 225 | 3xE14 | 1/1 | A++→E |
| **955LIZA5/CH** | A | Chandelier | Chrome | 500 | 230 | 5xE14 | 1/1 | A++→E |
| **955LIZA1W/CH** | A | Wall lamp | Chrome | 145 | 125 | 1xE14 | 1/4 | A++→E |
| **955LIZA1T/CH** | A | Table lamp | Chrome | 210 | 330 | 1xE14 | 1/4 | A++→E |

**Material:** Metal and crystal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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LIZA
955LIZA5/AB



LIZA
955LIZA1W/AB



LIZA
955LIZA1T/AB



LIZA
955LIZA3/AB

**IP20**

## LIZA

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955LIZA3/AB** | A | Chandelier | Antique brass | 445 | 225 | 3xE14 | 1/1 | A++→E |
| **955LIZA5/AB** | A | Chandelier | Antique brass | 500 | 230 | 5xE14 | 1/1 | A++→E |
| **955LIZA1W/AB** | A | Wall lamp | Antique brass | 145 | 125 | 1xE14 | 1/4 | A++→E |
| **955LIZA1T/AB** | A | Table lamp | Antique brass | 210 | 330 | 1xE14 | 1/4 | A++→E |

**Material:** Metal and crystal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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MADLEN
955MADLEN5



MADLEN
955MADLEN3



MADLEN
955MADLEN1W

**IP20**

## MADLEN

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955MADLEN5** | A | Chandelier | Transparent | 610 | 590 | 5xE14 | 1/1 | A++→E |
| **955MADLEN3** | A | Chandelier | Clear | 610 | 555 | 3 x E14 | 1/1 | A++→E |
| **955MADLEN1W** | A | Wall lamp | Clear | 115 | 260 | 1 x E14 | 1/10 | A++→E |

**Material:** Metal and crystal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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KARY
955KARY1P



**IP20**

KARY

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|
| **955KARY1P** | A | Chandelier | Smoky | 400 | 5xG9 | 1/1 | A++→E |

**Material:** Glass and crystal, **Lamps Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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LIA
955LIA3



NIA
955NIA4



KATELYN
955KATELYN1



MIA
955MIA6



**IP20**

UNTIL SUPPLY LAST

## NIA / MIA / KATELYN / LIA

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955NIA4** | F | Chandelier | Chrome | 400 | 270 | 4xE14 | 1/1 | A++→E |
| **955MIA6** | F | Chandelier | Chrome | 500 | 135 | 6xE14 | 1/1 | A++→E |
| **955KATELYN1** | F | Pendant | Chrome | 280 | - | 1xE27 | 1/1 | A++→E |
| **955LIA3** | F | Chandelier | Chrome | 400 | 300 | 3xE14 | 1/1 | A++→E |

**Material:** Metal and crystal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY


DESIGN



SPIDER
955SPIDER3/BK



SPIDER
955SPIDER6/BK



SPIDER
955SPIDER8/BK



**IP20**

UNTIL SUPPLY LAST

## SPIDER

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955SPIDER3/BK** | F | Chandelier | Golden and black | 1200 | - | 600 | 3 x E27 | 1/5 | A++→E |
| **955SPIDER6/BK** | F | Chandelier | Golden and black | 1200 | - | 600 | 6 x E27 | 1/1 | A++→E |
| **955SPIDER8/BK** | F | Chandelier | Golden and black | 1200 | - | 600 | 8 x E27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



SPIDER
955SPIDER3/WH



SPIDER
955SPIDER6/WH



SPIDER
955SPIDER8/WH



SPIDER
955SPIDER1T/WH



SPIDER
955SPIDER1W/WH

**IP20**

UNTIL SUPPLY LAST

## SPIDER

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955SPIDER3/WH** | F | Chandelier | Copper and white | 1200 | - | 600 | 3 x E27 | 1/5 | A++→E |
| **955SPIDER6/WH** | F | Chandelier | Copper and white | 1200 | - | 600 | 6 x E27 | 1/1 | A++→E |
| **955SPIDER8/WH** | F | Chandelier | Copper and white | 1200 | - | 600 | 8 x E27 | 1/1 | A++→E |
| **955SPIDER1W/WH** | F | Wall lamp | Copper and white | 130 | 600 | - | 1 x E27 | 1/8 | A++→E |
| **955SPIDER1T/WH** | F | Table lamp | Copper and white | 130 | - | 600 | 1 x E27 | 1/8 | A++→E |

**Material:** Metal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

CINEMA
955CINEMA1



CINEMA
955CINEMA6



**IP20**

## CINEMA

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955CINEMA6** | A | Chandelier | Black | 630 | - | 150 | 6 x E27 | 1/1 | A++→E |
| **955CINEMA1** | A | Ceiling lamp | Black | 170 | 310 | 850 | 1 x E27 | 1/8 | A++→E |

**Material:** Metal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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BETTY
955BETTY1W/BL



BETTY
955BETTY1W/WH



BRENDA
955BRENDA1T/BL



BRENDA
955BRENDA1/WH



**IP20**

## BETTY / BRENDA

| Catalogue number | Product category | Description | Colour | Length/Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955BETTY1W/BL** | A | Wall lamp | Black | 180 | 280 | 1xG9 | 1/1 | A++→E |
| **955BETTY1W/WH** | A | Wall lamp | White | 180 | 280 | 1xG9 | 1/1 | A++→E |
| **955BRENDA1/WH** | A | Wall lamp | White & grey | 160 | 180 | 1xG9 | 1/1 | A++→E |
| **955BRENDA1T/BL** | A | Table lamp | Black | 160 | 180 | 1xG9 | 1/1 | A++→E |

**Material:** Metal + Glass, **Lamps Not Included**, BETTY with USB port, **955BRENDA1/WH Lampshade Colour:** Outside Grey, Inside White

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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OLENA GOLD
955OLENA5H/GD



OLENA BLACK
955OLENA5H/BL



**IP20**

## OLENA

| Catalogue number | Product category | Description | Colour | Length / Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955OLENA5H/BL** | A | Chandelier | Black | 600 | 450-900 adjustable | 5xG9 | 1/4 | A++→E |
| **955OLENA5H/GD** | A | Chandelier | Gold | 600 | 450-900 adjustable | 5xG9 | 1/4 | A++→E |

**Material:** Iron + Glass, **Lamps Not Included, Max 40W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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OLENA BLACK
955OLENA1W/BL



OLENA GOLD
955OLENA1W/GD



OLENA BLACK
955OLENA5V/BL



OLENA GOLD
955OLENA5V/GD



**IP20**

## OLENA

| Catalogue number | Product category | Description | Colour | Length / Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955OLENA1W/BL** | A | Wall lamp | Black | 150 | 150 | 1xG9 | 1/10 | A++→E |
| **955OLENA5V/BL** | A | Chandelier | Black | 270 | 725-1025 adjustable | 5xG9 | 1/4 | A++→E |
| **955OLENA1W/GD** | A | Wall lamp | Gold | 150 | 150 | 1xG9 | 1/10 | A++→E |
| **955OLENA5V/GD** | A | Chandelier | Gold | 270 | 725-1025 adjustable | 5xG9 | 1/4 | A++→E |

**Material:** Iron + Glass, **Lamps Not Included, Max 40W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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ELLARIA
955ELLARIA3



ELLARIA
955ELLARIA5



**IP20**

## ELLARIA

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955ELLARIA3** | A | Chandelier | Wood & grey | 620 | 250 | 3xE27 | 1/1 | A++→E |
| **955ELLARIA5** | A | Chandelier | Wood & grey | 620 | 250 | 5xE27 | 1/1 | A++→E |

**Material:** Iron + Glass, **Lamps Not Included, Max 40W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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## BUBBLES
955BUBBLES16



## BUBBLES
955BUBBLES8

**IP20**

### BUBBLES

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955BUBBLES16** | A | Chandelier | Black and bronze with amber glass | 1350 | 600 | 16 x E14 | 1/1 | A++→E |
| **955BUBBLES8** | A | Chandelier | Black and bronze with amber glass | 850 | 600 | 8 x E14 | 1/1 | A++→E |

**Material:** Metal with glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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ERMINA
955ERMINA8



ERMINA
955ERMINA6



**IP20**

## ERMINA

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955ERMINA6** | A | Ceiling lamp | Chrome & smocked glass | 200 | 250 | 6xE14 | 1/1 | A++→E |
| **955ERMINA8** | A | Ceiling lamp | Chrome & smocked glass | 200 | 250 | 8xE14 | 1/1 | A++→E |

**Material:** Shades: Glass; **Body:** Metal, **Lamps Not Included, Max 40W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



ARTE
955ARTE4/BL



**IP20**

## ARTE

| Catalogue number | Product category | Description | Colour | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| 955ARTE4/BL | A | Ceiling lamp | black | 580/400 | 390 | 4xE27 | 1/1 | A++→E |

Material: Metal, Lamps Not Included, Max 40W

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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SALLY
955SALLY6/BL



**IP20**

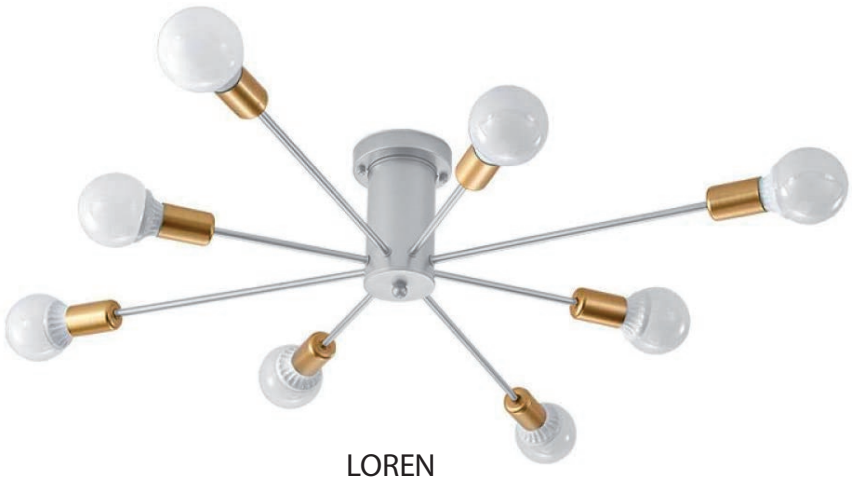
## SALLY

| Catalogue number | Product category | Description | Colour | Width (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955SALLY6/BL** | A | Ceiling lamp | Black | 650 | 650 | 220 | 6xE27 | 1/12 | A++→E |

**Material:** Metal, **Lamps Not Included, Max 25W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LOREN
955LOREN8/BL



**IP20**

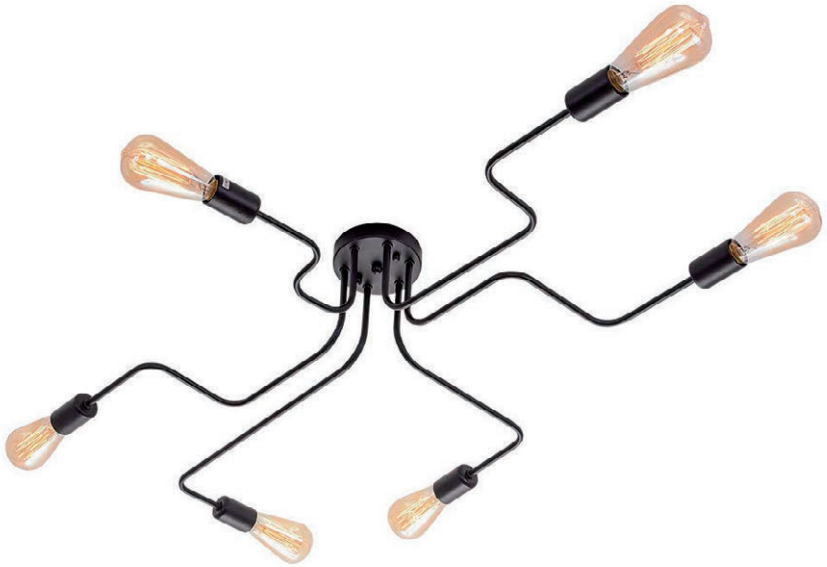
## LOREN

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955LOREN8/WH** | A | Ceiling lamp | White & gold | 1000 | 200 | 8xE27 | 1/1 | A++→E |
| **955LOREN8/BL** | A | Ceiling lamp | Black & gold | 1000 | 200 | 8xE27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included, Max 40W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



MARISA
955MARISA6/BL



**IP20**

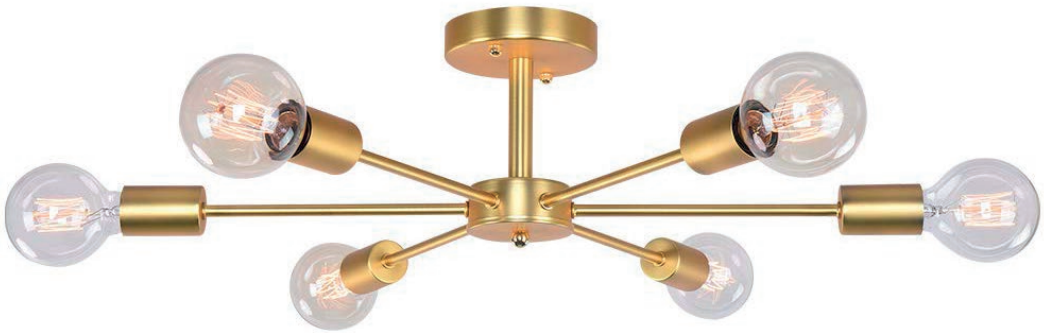
## MARISA

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955MARISA6/BL** | A | Ceiling lamp | Black | 1000 | 200 | 6xE27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included, Max 40W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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ROXIE
955ROXIE6/GD



**IP20**

## ROXIE

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955ROXIE3/GD** | A | Ceiling lamp | Gold | 640 | 190 | 3xE27 | 1/1 | A++→E |
| **955ROXIE6/GD** | A | Ceiling lamp | Gold | 830 | 190 | 6xE27 | 1/1 | A++→E |
| **955ROXIE12/GD** | A | Ceiling lamp | Gold | 1330 | 190 | 12xE27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included, Max 40W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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DINNER

955DINNER3M



DINNER
955DINNER6



DINNER
955DINNER3S

**IP20**

UNTIL SUPPLY LAST

## DINNER

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955DINNER3M** | F | Chandelier | Black and chrome | 330 | - | 800 | 3 x E14 | 1/5 | A++→E |
| **955DINNER6** | F | Chandelier | Black and chrome | 310 | 900 | 700 | 6 x E14 | 1/1 | A++→E |
| **955DINNER3S** | F | Chandelier | Black and chrome | 260 | - | 540 | 3 x E14 | 1/6 | A++→E |

**Material:** Metal with stainless steel and crystal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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CUPS
955CUPS4



CUPS
955CUPS9



**IP20**

UNTIL SUPPLY LAST

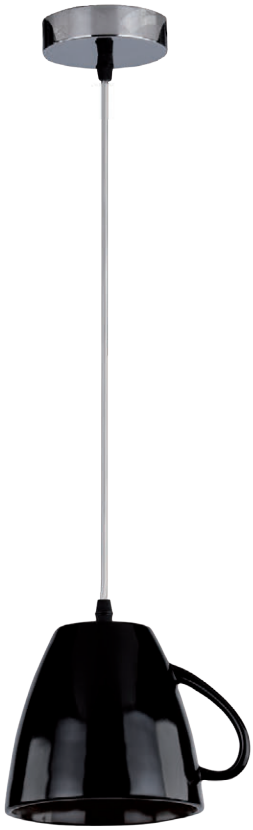
## CUPS

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955CUPS9** | F | Chandelier | Black with white cover | 630 | - | 900 | 9 x E14 | 1/1 | A++→E |
| **955CUPS4** | F | Chandelier | Black with white cover | 520 | - | 750 | 4 x E14 | 1/1 | A++→E |

**Material:** Metal with stainless steel and crystal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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TEATIME
955TEATIME1/BK



TEATIME
955TEATIME1/WH



**IP20**

## TEATIME

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955TEATIME1/BK** | A | Pendant | Black | 150 | 200 | 160 | 1 x E27 | 1/1 | A++→E |
| **955TEATIME1/WH** | A | Pendant | White | 120 | 220 | 160 | 1 x E27 | 1/1 | A++→E |

**Material:** Metal with polyresin, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



BLOOM
955BLOOM8



**IP20**

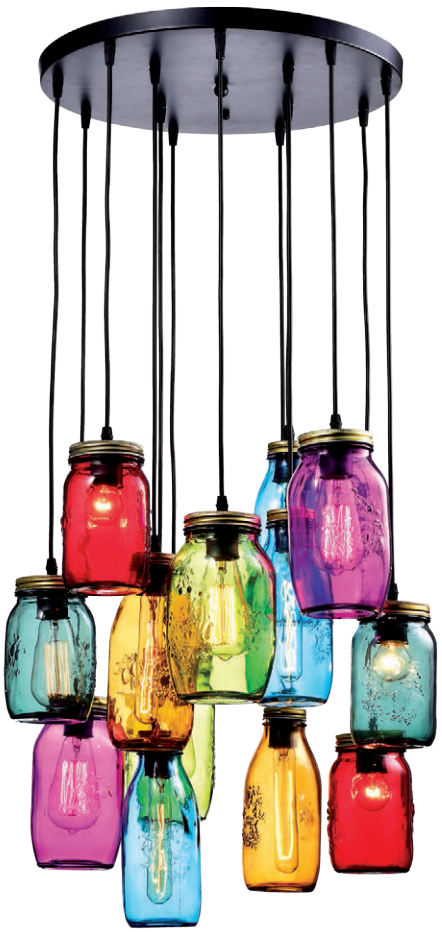
## BLOOM

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| 955BLOOM8 | A | Chandelier | black | 900 | 1500 | 8xE27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Incl uded**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



## JARS

955JARS13



**IP20**

UNTIL SUPPLY LAST

### JARS

| Catalogue number | Product category | Description | Diameter (mm) | Height (mm) | Lampholder | Packing/ Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|
| **955JARS13** | F | Chandelier | 450 | 1200 | 13 x E27 | 1/1 | A++→E |

**Material:** Metal with colored glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



BOTTLES
955BOTTLES5



BOTTLES
955BOTTLES2



**IP20**

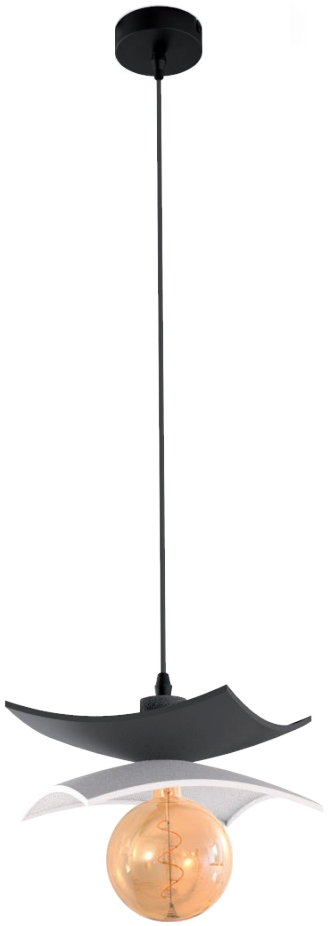
UNTIL SUPPLY LAST

## BOTTLES

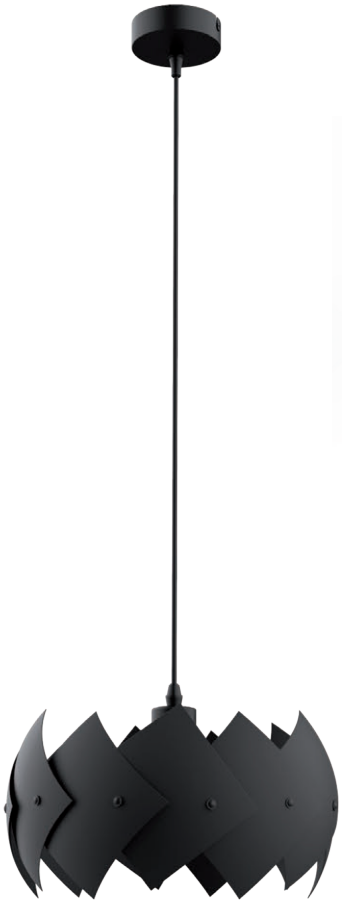
| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| 955BOTTLES5 | F | Chandelier | Black with colored glass | 600 | - | 400 | 5 x E27 | 1/1 | A++→E |
| 955BOTTLES2 | F | Chandelier | Black with colored glass | 300 | 780 | 400 | 2 x E27 | 1/1 | A++→E |

**Material:** Metal and glass, **Lamps Not Included**

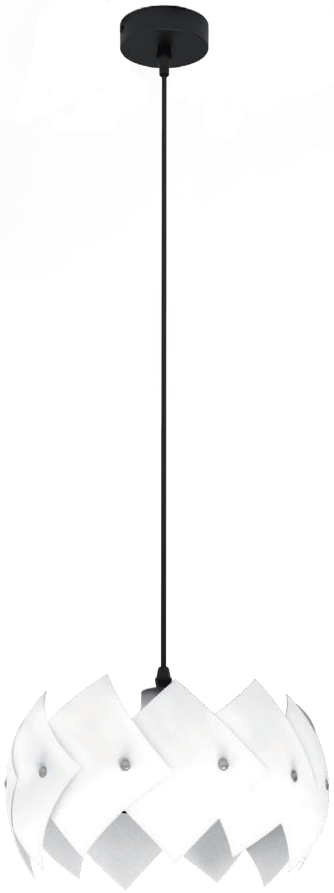
RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



ROBBY
955ROBBY1/BL



ROCCO
955ROCCO1/BL



ROCCO
955ROCCO1/WH



**IP20**

## ROBBY/ ROCCO

| Catalogue number | Product category | Description | Colour | Length (mm) | Width (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955ROBBY1/BL** | A | Pendant | Black & white | 290 | 290 | 1042 | 1xE27 | 1/20 | A++→E |
| **955ROCCO1/BL** | A | Pendant | Black | 280 | 280 | 1230 | 1xE27 | 1/10 | A++→E |
| **955ROCCO1/WH** | A | Pendant | White | 280 | 280 | 1230 | 1xE27 | 1/10 | A++→E |

**Material:** Metal and PP, **Lamps Not Included, Max 25W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

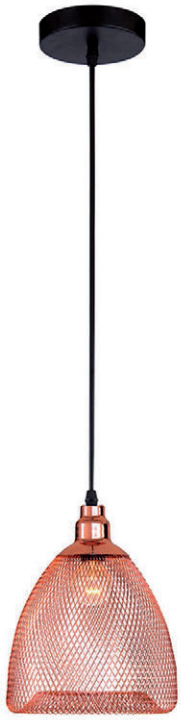
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PENDANT SECRET
955SECRET1P



PENDANT SPRING
955SPRING1P



PENDANT ALYSSA
955ALYSSA1P



**IP20**

UNTIL SUPPLY LAST

## PENDANTS

| Catalogue number | Product category | Description | Colour | Material | Width / Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955SECRET1P** | F | Pendant | black/wood | metal+wood | 400 | 210 | 1xE27 | 1/1 | A++→E |
| **955SPRING1P** | F | Pendant | black | metal | 330 | 400 | 1xE27 | 1/1 | A++→E |
| **955ALYSSA1P** | F | Pendant | copper | metal | 180 | 240 | 1xE27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



KEN
955KEN1



KEN
955KEN3

**IP20**

## KEN

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955KEN3** | A | Chandelier | Matt black | 280 | 1385 | 3 x E27 | 1/1 | A++→E |
| **955KEN1** | A | Pendant | Matt black | 120 | 1385 | 1 x E27 | 1/6 | A++→E |

**Material:** Metal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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SHUTTLE
955SHUTTLE3



**IP20**

## SHUTTLE

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lamp holder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955SHUTTLE1/WH** | A | Pendant | White | 200 | 250 | 1xE27 | 1/1 | A++→E |
| **955SHUTTLE3** | A | Pendant | White/Grey/Green | 200 | 250 | 3xE27 | 1/1 | A++→E |

**Material:** Metal | **Lamps Not Included, max 40W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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POLLY
955POLLY4/BL



**IP20**

## POLLY

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Height (mm) | Lamp holder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955POLLY4/BL** | A | Ceiling lamp | black | 650 | 350 | 4xE27 | 1/1 | A++→E |

**Material:** Metal | **Lamps Not Included** | max 40W on lampholder

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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HOLLY
955HOLLYP/BL



HOLLY
955HOLLYWL/BL



**IP20**

## HOLLY

| Catalogue number | Product category | Description | Colour | Length (mm) | Width (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| 955HOLLYWL/BL | A | Wall lamp | Black | 270 | 180 | 280 | 1xE27 | 1/12 | A++→E |
| 955HOLLYP/BL | A | Pendant | Black | 180 | 180 | 650 | 1xE27 | 1/12 | A++→E |

**Material:** Metal, **Lamps Not Included, Max 25W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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ADRIA
955ADRIA1/BL



ADRIA
955ADRIA3/BL



**IP20**

## ADRIA

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| 955ADRIA1/BL | A | Pendant | black | 160 | | 1500 | 1xE27 | 1/1 | A++→E |
| 955ADRIA3/BL | A | Chandelier | black | 160 | 650 | 1500 | 3xE27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included, Max 40W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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HEIDI
955HEIDI3/BL



HEIDI
955HEIDI1/BL



**IP20**

## HEIDI

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| 955HEIDI1/BL | A | Pendant | black | 200 | | 1500 | 1xE27 | 1/1 | A++→E |
| 955HEIDI3/BL | A | Chandelier | black | 150 | 550 | 1500 | 3xE27 | 1/1 | A++→E |

**Material:** Metal+Plastic, **Lamps Not Included, Max 40W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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MYSTIC
955MYSTIC1P



MYSTIC
955MYSTIC3P



MYSTIC
955MYSTIC3S

**IP20**

UNTIL SUPPLY LAST

## MYSTIC

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955MYSTIC1P** | F | Pendant | black/copper | 150 | | 200 | 1xE27 | 1/1 | A++→E |
| **955MYSTIC3P** | F | Pendant | black/copper | 300 | | 200 | 3xE27 | 1/1 | A++→E |
| **955MYSTIC3S** | F | Chandelier | black/copper | 150 | 680 | 220 | 3xE27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



CLIVE
955CLIVE1/BL



SALVA
955SALVA1/BL



**IP20**

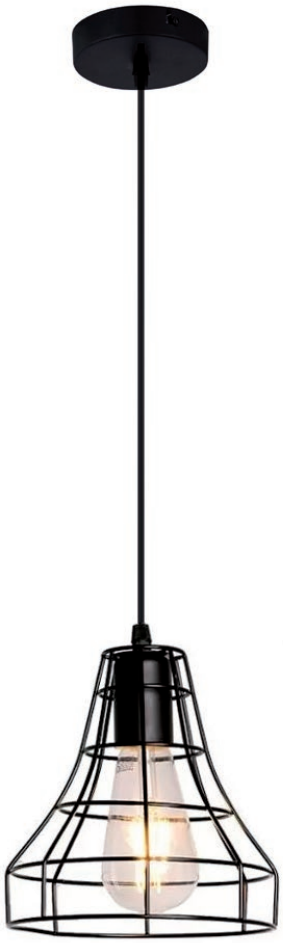
## SALVA/ CLIVE

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955SALVA1/BL** | A | Pendant | black | 400 | 1500 | 1xE27 | 1/1 | A++→E |
| **955CLIVE1/BL** | A | Pendant | black | 150 | 1500 | 1xE27 | 1/10 | A++→E |

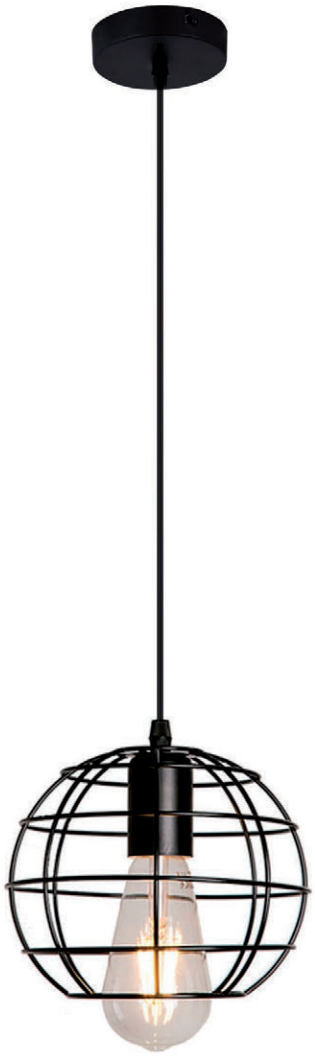
**Material:** Metal, **Lamps Not Included, Max 40W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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JILL
955JILL1/BL



TARA
955TARA1/BL



**IP20**

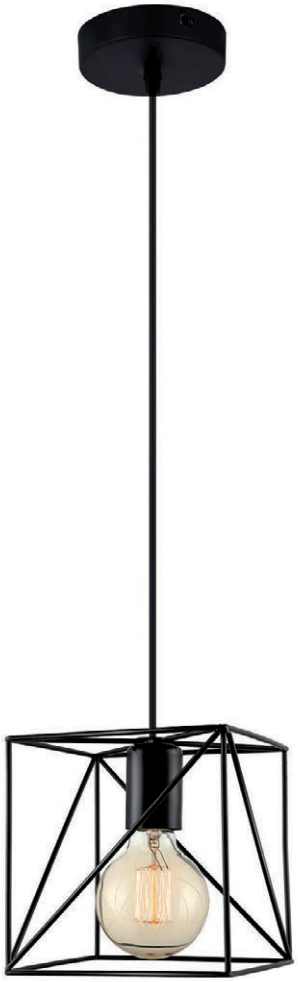
## JILL / TARA

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955JILL1/BL** | A | Pendant | black | 175 | 1000 | 1xE27 | 1/50 | A++→E |
| **955TARA1/BL** | A | Pendant | black | 200 | 1000 | 1xE27 | 1/50 | A++→E |

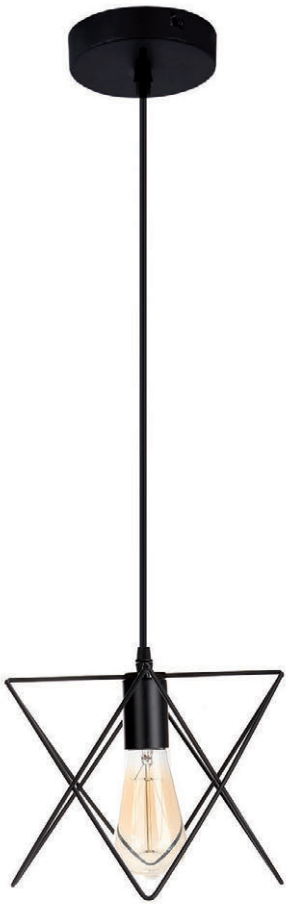
**Material:** Metal, **Lamps Not Included, Max 40W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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IDA
955IDA1/BL



TERI
955TERI1/BL



**IP20**

## IDA / TERI

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955IDA1/BL** | A | Pendant | black | | | 1000 | 1xE27 | 1/50 | A++→E |
| **955TERI1/BL** | A | Pendant | black | | | 1000 | 1xE27 | 1/50 | A++→E |

**Material:** Metal, **Lamps Not Included, Max 40W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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QUINN
955QUINN5/BL



STAR
955STAR1/BL



CAGE
955CAGE1/BL



**IP20**

## QUINN/STAR/CAGE

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| 955QUINN5/BL | A | Chandelier | black | 250 | | 1500 | 5xE27 | 1/1 | A++→E |
| 955STAR1/BL | A | Pendant | black+gold | | 300 | 1500 | 1xE27 | 1/1 | A++→E |
| 955CAGE1/BL | A | Pendant | black | 200 | | 1500 | 1xE27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included, Max 40W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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MALI
955MALI3/WH



MALI
955MALI3/BL



**IP20**

## MALI

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| 955MALI3/WH | A | Chandelier | white | 200 | 900 | 1500 | 3xE27 | 1/1 | A++→E |
| 955MALI3/BL | A | Chandelier | black | 200 | 900 | 1500 | 3xE27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included, Max 40W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



KERRY
955KERRY3WL/AL



KERRY
955KERRY3P/AL



**IP20**

## KERRY

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| 955KERRY3WL/AL | A | Ceiling lamp | aluminium | 400 | 280 | 3xE27 | 1/1 | A++→E |
| 955KERRY3P/AL | A | Pendant | aluminium | 400 | 1500 | 3xE27 | 1/1 | A++→E |

**Material:** Aluminium, **Lamps Not Included, Max 40W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LIV
955LIV1/BL



LIV
955LIV1/AL



LIV
955LIV1/C



**IP20**

## LIV

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| 955LIV1/BL | A | Pendant | chrome/black | 400 | 1500 | 1xE27 | 1/1 | A++→E |
| 955LIV1/AL | A | Pendant | chrome/aluminium | 400 | 1500 | 1xE27 | 1/1 | A++→E |
| 955LIV1/C | A | Pendant | chrome/coffe | 400 | 1500 | 1xE27 | 1/1 | A++→E |

**Material:** Aluminium, **Lamps Not Included, Max 40W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LUCCA
955LUCCA1/WH



**IP20**

## LUCCA

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| 955LUCCA1/WH | A | Pendant | white | 400 | 1500 | 1xE27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included, Max 40W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



MAJESTIC
955MAJESTIC1P



MAJESTIC
955MAJESTIC1P/BG



MAJESTIC
955MAJESTIC1P/CF



MAJESTIC
955MAJESTIC4



MAJESTIC
955MAJESTIC3

**IP20**

## MAJESTIC

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955MAJESTIC1P** | A | Pendant | concrete/wood | 125 | | 165 | 1xE27 | 1/1 | A++→E |
| **955MAJESTIC1P/BG** | A | Pendant | beige/wood | 125 | | 165 | 1xE27 | 1/1 | A++→E |
| **955MAJESTIC1P/CF** | A | Pendant | caffe/wood | 125 | | 165 | 1xE27 | 1/1 | A++→E |
| **955MAJESTIC3** | A | Chandelier | concrete/beige/caffe/wood | 300 | 1100 | | 3xE27 | 1/1 | A++→E |
| **955MAJESTIC4** | A | Chandelier | concrete/beige/caffe/green/wood | 400 | 1100 | | 4xE27 | 1/1 | A++→E |

**Material:** Metal+wood+concrete, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



BRADLEY
955BRADLEY3



BRADLEY
955BRADLEY1



**IP20**

## BRADLEY

| Catalogue number | Product category | Description | Colour | Length/ Diameter (mm) | Width (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955BRADLEY1** | A | Pendant | Wood & grey | 165 | | 1000 | 1xE27 | 1/4 | A++→E |
| **955BRADLEY3** | A | Pendant | Wood & grey | 890 | 165 | 1000 | 3xE27 | 1/4 | A++→E |

**Material:** Iron + Glass, **Lamps Not Included, Max 40W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



ALMA
955ALMA1/BL



ALMA
955ALMA1/GR



ALMA
955ALMA1/G



**IP20**

## ALMA

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955ALMA1/BL** | A | Pendant | Wood & blue | 200 | 1320 | 1xE27 | 1/1 | A++→E |
| **955ALMA1/GR** | A | Pendant | Gold & grey | 200 | 1320 | 1xE27 | 1/1 | A++→E |
| **955ALMA1/G** | A | Pendant | Gold & green | 200 | 1320 | 1xE27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included, Max 40W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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ALMA
955ALMA3/MC



**IP20**

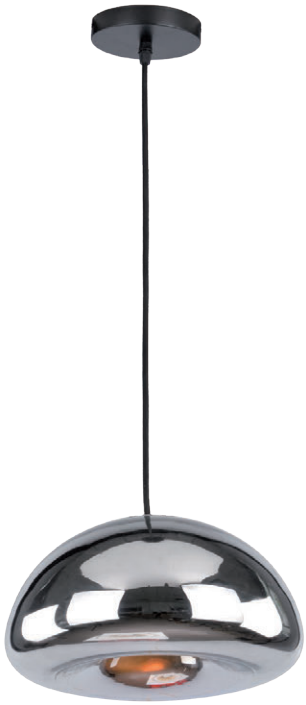
## ALMA

| Catalogue number | Product category | Description | Colour | Length (mm) | Width (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955ALMA3/MC** | A | Pendant | Multicolour | 1000 | 200 | 1320 | 1320 | 3xE27 | 1/1 |

**Material:** Metal, **Lamps Not Included, Max 40W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



ART
955ART1C



DUKE
955DUKE1/G



DUKE
9.



DUKE
955DUKE1/AB



DUKE
955DUKE1/CH



**IP20**

## DUKE / ART

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955DUKE1/BK** | A | Pendant | Black | 90 | 400 | 1 x GU10 | 1/10 | A++→E |
| **955DUKE1/AB** | F | Pendant* | Antique brass | 70 | 430 | 1 x GU10 | 1/10 | A++→E |
| **955DUKE1/CH** | F | Pendant* | Chrome | 55 | 430 | 1 x GU10 | 1/10 | A++→E |
| **955DUKE1/G** | F | Pendant* | Gold | 70 | 430 | 1 x GU10 | 1/10 | A++→E |
| **955ART1C** | F | Pendant | Chrome | 300 | 140 | 1 x E27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included**

*Until Supply Last

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



SHADE
91SHADE3DR4



SHADE
91SHADE3DC1



IP20

UNTIL SUPPLY LAST

## SHADE

| Catalogue number | Product category | Description | Colour | Material | Width / Diameter (mm) | Length (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **91SHADE3DR4** | F | Chandelier | Colourful | Glass | 150 | 1150 | E27 | 1/12 | A++→E |
| **91SHADE3DC1** | F | Chandelier | Colourful | Glass | 120 | 1120 | E27 | 1/20 | A++→E |

Lamps Not Included

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



MORGAN
955MORGAN1W/BL



MORGAN
955MORGAN2/BL



**IP20**

## MORGAN

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955MORGAN1W/BL** | A | Wall lamp | Black | 200 | 250 | 1xE14 | 1/1 | A++→C |
| **955MORGAN2/BL** | A | Chandelier | Black | 200 | 250 | 2xE14 | 1/1 | A++→C |

**Material:** Metal, **Lamps Not Included, Max. 40W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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MORGAN
955MORGAN3/BL



MORGAN
955MORGAN6/BL



**IP20**

## MORGAN

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955MORGAN3/BL** | A | Chandelier | Black | 200 | 250 | 3xE14 | 1/1 | A++→C |
| **955MORGAN6/BL** | A | Chandelier | Black | 200 | 250 | 6xE14 | 1/1 | A++→C |

**Material:** Metal, **Lamps Not Included, Max. 40W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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ANDREA
955ANDREA1/BL



**IP20**

## ANDREA

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955ANDREA1/BL** | A | Pendant | Black & gold | 400 | 1500 | 1xE27 | 1/1 | A++→C |

**Material:** Metal + Fabric, **Lamps Not Included , Max. 40W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



TIM
955TIM1A



TIM
955TIM1C



TIM
955TIM1B



**IP20**

## TIM

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955TIM1A** | A | Pendant | Black & Gold | 190 | 400 | 1 x E27 | 1/1 | A++→C |
| **955TIM1B** | A | Pendant | Black & Gold | 350 | 150 | 1 x E27 | 1/1 | A++→C |
| **955TIM1C** | A | Pendant | Black & Gold | 250 | 300 | 1 x E27 | 1/1 | A++→C |

**Material:** Aluminum, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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JEMMA
955JEMMA3



**IP20**

## JEMMA

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955JEMMA3** | A | Chandelier | Black & gold | 255 | 195 | 3xE27 | 1/1 | A++→E |

**Material:** Iron, **Lamps Not Included, Max 40W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



FOREST
955FOREST1A

FOREST
955FOREST1B

FOREST
955FOREST1C

**IP20**

UNTIL SUPPLY LAST

## FOREST

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955FOREST1A** | F | Pendant | Pine-tree | 300 | 140 | 1 x E27 | 1/1 | A++→E |
| **955FOREST1C** | F | Pendant | Walnut | 300 | 140 | 1 x E27 | 1/1 | A++→E |
| **955FOREST1B** | F | Pendant | Cherry-tree | 300 | 140 | 1 x E27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included**

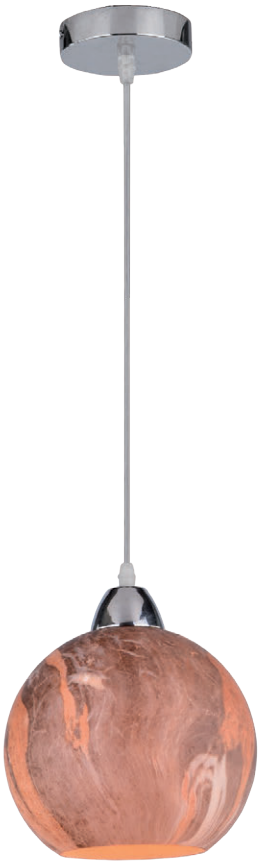
RoHS COMPLIANT CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY



MARBLE
955MARBLE1A/WH



MARBLE
955MARBLE1C



MARBLE
955MARBLE1A/BR



**IP20**

UNTIL SUPPLY LAST

## MARBLE

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|
| **955MARBLE1A/WH** | F | Pendant | Marble | 200 | 1 x E27 | 1/1 | A++→E |
| **955MARBLE1A/BR** | F | Pendant | Marble | 200 | 1 x E27 | 1/1 | A++→E |
| **955MARBLE1C** | F | Pendant | Marble | 170 | 1 x E27 | 1/1 | A++→E |

**Material:** Metal and glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY



FRANK
955FRANK3/GR



**IP20**

## FRANK

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| 955FRANK3/GR | A | Chandelier | grey | 400 | 900 | 600 | 3xE27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included, Max 40W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



YVONNE
955YVONNE1S/BL
955YVONNE1L/BL



YVONNE
955YVONNE1S/BR
955YVONNE1L/BR



**IP20**

## YVONNE

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955YVONNE1S/BL** | A | Pendant | Black | 350 | 1500 | 1xE27 | 1/2 | A++→E |
| **955YVONNE1S/BR** | A | Pendant | Brown | 350 | 1500 | 1xE27 | 1/1 | A++→E |
| **955YVONNE1L/BL** | A | Pendant | Black | 500 | 1500 | 1xE27 | 1/2 | A++→E |
| **955YVONNE1L/BR** | A | Pendant | Brown | 500 | 1500 | 1xE27 | 1/1 | A++→E |

**Material:** Iron + Acrylic + Fabric, **Lamps Not Included, max 40W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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TWEED
955TWEED1



LUNA
955LUNA1



**IP20**

## TWEED/LUNA

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955TWEED1** | A | Pendant | White | 300 | 230 | 1xE27 | 1/1 | A++→E |
| **955LUNA1** | A | Pendant | White | 300 | 230 | 1xE27 | 1/1 | A++→E |

**Material:** Plastic, , **Lamps Not Included, max 40W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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PHIL
955PHIL1WL/BL



PHIL
955PHIL5/BL



PHIL
955PHIL3/BL



**IP20**

## PHIL

| Catalogue number | Product category | Description | Colour | Width (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955PHIL1WL/BL** | A | Wall lamp | Black and wood | 200 | 160 | 130 | 1xE27 | 1/40 | A++→E |
| **955PHIL3/BL** | A | Ceiling lamp | Black and wood | 536 | 536 | 415 | 3xE27 | 1/10 | A++→E |
| **955PHIL5/BL** | A | Ceiling lamp | Black and wood | 731 | 731 | 515 | 5xE27 | 1/6 | A++→E |

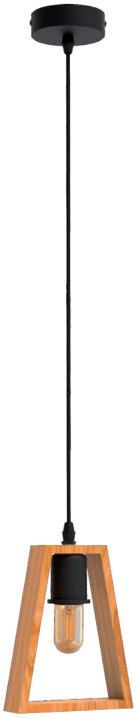
**Material:** Metal and Wood, **Lamps Not Included, max 25W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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FIONA
955FIONA3



RONNY
955RONNY1



RONNY
955RONNY3



**IP20**

## RONNY / FIONA

| Catalogue number | Product category | Description | Colour | Width (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955RONNY1** | A | Pendant | Black and wood | 150 | 90 | 1120 | 1xE27 | 1/40 | A++→E |
| **955RONNY3** | A | Pendant | Black and wood | 480 | 145 | 940 | 3xE27 | 1/10 | A++→E |
| **955FIONA3** | A | Pendant | Wood | | 300 | 230 | 3xE27 | 1/1 | A++→E |

**Material:** Metal and Wood, **Lamps Not Included, max 25W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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WOODY
955WOODY/D



WOODY
955WOODY/R



**IP20**

## WOODY

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955WOODY/D** | A | Pendant | black painting+rattan | 340 | 1200 | E27 | 1 | A++→E |
| **955WOODY/R** | A | Pendant | wood painting+wood ring | 380 | 1200 | E27 | 1 | A++→E |

**Material 955WOODY/D:** Metal+ Rattan | **Material 955WOODY/R:** Metal+ Wood | **Lamps Not Included** | max 40W

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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WOODY
955WOODY/1



WOODY
955WOODY/2



WOODY
955WOODY/H



**IP20**

## WOODY

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955WOODY/1** | A | Pendant | wood painting+rattan | 540 | 1200 | E27 | 1/1 | A++→E |
| **955WOODY/2** | A | Pendant | wood painting+rattan | 350 | 1200 | E27 | 1/1 | A++→E |
| **955WOODY/H** | A | Pendant | black painting+rattan | 300/300 | 1200 | E27 | 1/1 | A++→E |

**Material:** Metal+ Rattan | **Lamps Not Included** | max 40W

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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WOODY
955WOODY/3



WOODY
955WOODY/4



**IP20**

## WOODY

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955WOODY/3** | A | Pendant | chrome/wood | 400 | 1500 | 1xE27 | 1/1 | A++→E |
| **955WOODY/4** | A | Ceiling lamp | black/wood | 300 | | 1xE27 | 1/1 | A++→E |

**Material:** Metal+ Wood | **Lamps Not Included** | Max 40W

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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ALEGRA
955ALEGRA1W



ALEGRA
955ALEGRA1T



**IP20**

## ALEGRA

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955ALEGRA1W** | A | Wall lamp | wood and black | 245 | 290 | 1xE14 | 1/1 | A++→E |
| **955ALEGRA1T** | A | Table lamp | wood and black | 280 | 475 | 1xE14 | 1/1 | A++→E |

**Material:** Metal and wood, **Lamps Not Included, Max 40W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



BAMBOO
955BAMBOO1



SIMONA
955SIMONA1



**IP20**

## BAMBOO/SIMONA

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955BAMBOO1** | A | Pendant | Wood | 330 | 200 | 1xE27 | 1/1 | A++→E |
| **955SIMONA1** | A | Pendant | Wood | 450 | 300 | 1xE27 | 1/1 | A++→E |

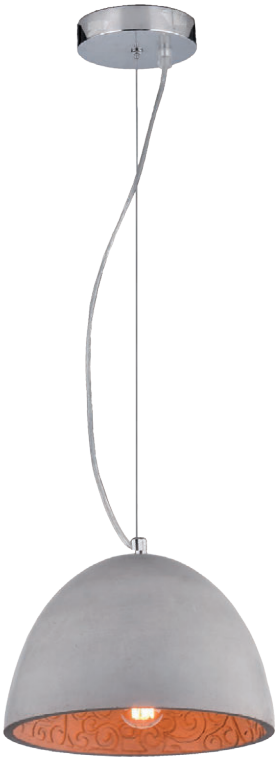
**Material:** Wood, **Lamps Not Included, Max 25W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



CIMENT
955CIMENT1A



CIMENT
955CIMENT1C



CIMENT
955CIMENT1D

**IP20**

UNTIL SUPPLY LAST

## CIMENT

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955CIMENT1A** | F | Pendant | Concrete | 180 | 250 | 1 x E27 | 1/1 | A++→E |
| **955CIMENT1C** | F | Pendant | Concrete | 250 | 250 | 1 x E27 | 1/1 | A++→E |
| **955CIMENT1D** | F | Pendant | Concrete | 150 | 220 | 1 x E27 | 1/1 | A++→E |

**Material:** Cement and metal, **Lamps Not Included**

RoHS COMPLIANT CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY



STONE
955STONE1C



STONE
955STONE1B



**IP20**

UNTIL SUPPLY LAST

## STONE

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|
| **955STONE1B** | F | Pendant | Stone | 280 | 1 x E27 | 1/1 | A++→E |
| **955STONE1C** | F | Pendant | Stone | 300 | 1 x E27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY





UNION
955UNION1



**IP20**

## UNION

| Catalogue number | Product category | Description | Diameter (mm) | Lampholder | Packing/ Box (pcs) | Energy class |
|---|---|---|---|---|---|---|
| **955UNION1** | A | Pendant | 300 | 1 x E27 | 1/1 | A++→E |

**Material:** Metal, Black, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



HELIX
955HELIX3/WH



HELIX
955HELIX3/BK



**IP20**

## HELIX

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955HELIX3/BK** | A | Chandelier | Matt black | 425 | 1240 | 3 x E27 | 1/1 | A++→E |
| **955HELIX3/WH** | A | Chandelier | White | 400 | 1240 | 3 x E27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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GALAXY
955GALAXY1/BL



CHESTER
955CHESTER1/WH



CHESTER
955CHESTER1/BL



**IP20**

## GALAXY / CHESTER

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955GALAXY1/BL** | A | Pendant | Black & gold | 400 | 1500 | 1xE27 | 1/1 | A++→E |
| **955CHESTER1/WH** | A | Pendant | White | 350 | 1500 | 1xE27 | 1/1 | A++→E |
| **955CHESTER1/BL** | A | Pendant | Black | 350 | 1500 | 1xE27 | 1/1 | A++→E |

**Material:** Iron, **Lamps Not Included, Max 40W, 955CHESTER1/BL Lampshade Colour:** Outside Black, Inside White

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



JASON
955JASON1/GR



JASON
955JASON1/WH



JASON
955JASON1/BK



**IP20**

## JASON

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955JASON1/BK** | A | Pendant | Sand black with copper | 300 | 1410 | 1 x E27 | 1/1 | A++→E |
| **955JASON1/GR** | A | Pendant | Sand grey with copper | 300 | 1410 | 1 x E27 | 1/1 | A++→E |
| **955JASON1/WH** | A | Pendant | Sand white with satin nickel | 300 | 1410 | 1 x E27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



TEDD
955TEDD1P/WH



TEDD
955TEDD1P/BK



**IP20**

UNTIL SUPPLY LAST

## TEDD

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955TEDD1P/BK** | F | Pendant | Sand black with copper | 260 | 1400 | 1 x E27 | 1/1 | A++→E |
| **955TEDD1P/WH** | F | Pendant | Sand white with satin nickel | 260 | 1400 | 1 x E27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included**

RoHS COMPLIANT CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY



MATT
955MATT1/WH



MATT
955MATT1/BK



**IP20**

## MATT

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955MATT1/BK** | A | Pendant | Matt black and gold | 360 | 1290 | 1 x E27 | 1/1 | A++→E |
| **955MATT1/WH** | A | Pendant | Matt white and gold | 360 | 1290 | 1 x E27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***


VINTAGE



JACKSON
955JACKSON18



**IP20**

## JACKSON

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|
| **955JACKSON18** | A | Chandelier | black | 730 | 18 x E27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included**

BEST EFFECT WITH VINTAGE LAMPS · RoHS COMPLIANT · CE · 3+2 standard +extended · 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



DAMON
955DAMON1W



DAMON
955DAMON1P



DAMON
955DAMON3P

**IP20**

## DAMON

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|
| **955DAMON1P** | A | Pendant | black | 230 | 1 x E27 | 1/10 | A++→E |
| **955DAMON3P** | A | Pendant | black | 360 | 3 x E27 | 1/1 | A++→E |
| **955DAMON1W** | A | Wall lamp | black | 230 | 1 x E27 | 1/6 | A++→E |

**Material:** Metal, **Lamps Not Included**

BEST EFFECT WITH VINTAGE LAMPS · RoHS COMPLIANT · CE · 3+2 standard +extended · 5 YEAR TOTAL WARRANTY

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DAMON
955DAMON1P/BL



DAMON
955DAMON1P/AB



**IP20**

## DAMON

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|
| **955DAMON1P/BL** | A | Pendant | Black | 220 | 1 x E27 | 1/50 | A++→E |
| **955DAMON1P/AB** | A | Pendant | Antique brass | 220 | 1 x E27 | 1/50 | A++→E |

**Material:** Metal, **Lamps Not Included**

BEST EFFECT WITH VINTAGE LAMPS · RoHS COMPLIANT · CE · 3+2 standard +extended · 5 YEAR TOTAL WARRANTY

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JACOB
955JACOB1P



**IP20**

UNTIL SUPPLY LAST

## JACOB

| Catalogue number | Product category | Description | Diameter (mm) | Height (mm) | Lampholder | Packing/ Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|
| **955JACOB1P** | F | Pendant | 320 | 550 | 1 x E27 | 1/1 | A++→E |

Material: Metal with transparent glass, Lamps Not Included

BEST EFFECT WITH VINTAGE LAMPS

RoHS COMPLIANT

CE

3+2 standard +extended 5 YEAR TOTAL WARRANTY



LUTON
955LUTON1



LUTON
955LUTON6



**IP20**

## LUTON

| Catalogue number | Product category | Description | Colour | Length (mm) | Width (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955LUTON1** | A | Pendant | Black | 205 | 205 | 1500 | 1xE14 | 1/1 | A++→E |
| **955LUTON6** | A | Pendant | Black | 990 | 205 | 1500 | 6xE14 | 1/1 | A++→E |

**Material:** Metal + Acrylic, **Lamps Not Included, , Max. 40W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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PAIL
955PAIL1



APIS
955APIS1

**IP20**

## PAIL / APIS

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Material | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955APIS1** | A | Pendant | Black with sliver | 300 | 240 | 1 x E27 | Metal | 1/1 | A++→E |
| **955PAIL1** | A | Pendant | Black with wood | 215 | 130 | 1 x E27 | Metal with wood | 1/1 | A++→E |

Lamps Not Included

BEST EFFECT WITH VINTAGE LAMPS · RoHS COMPLIANT · CE · 3+2 standard +extended · 5 YEAR TOTAL WARRANTY

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ROPE
955ROPE1W



ROPE
955ROPE2W



**IP20**

## ROPE

| Catalogue number | Product category | Description | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|
| **955ROPE1W** | A | Wall lamp | 200 | 190 | 1 x E27 | 1/1 | A++→E |
| **955ROPE2W** | A | Wall lamp | 400 | 400 | 2 x E27 | 1/1 | A++→E |

**Material:** Metal, Black and rust, **Lamps Not Included**

BEST EFFECT WITH VINTAGE LAMPS · RoHS COMPLIANT · CE · 3+2 standard +extended · 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



ROPE
955ROPE1P



SAILOR
955SAILOR17



GRID
955GRID1P

**IP20**

## ROPE / GRID / SAILOR

| Catalogue number | Product category | Description | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|
| **955ROPE1P** | A | Pendant | 160 | 180 | 1 x E27 | 1/10 | A++→E |
| **955GRID1P** | A | Pendant | 160 | 180 | 1 x E27 | 1/1 | A++→E |
| **955SAILOR17** | A | Pendant | 40 | 1000 | 1xE27 | 1/100 | A++→E |

**Material:** Metal, Black and rust, **Lamps Not Included**

BEST EFFECT WITH VINTAGE LAMPS · RoHS COMPLIANT · CE · 3+2 standard +extended · 5 YEAR TOTAL WARRANTY

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ROPE
955ROPE6



ROPE
955ROPE5L



IP20

UNTIL SUPPLY LAST

## ROPE

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955ROPE6** | F | Chandelier | brown and rust | 400 | 670 | 900 | 6 x E27 | 1/1 | A++→E |
| **955ROPE5L** | F | Chandelier | brown and rust | - | 1030 | 500 | 5 x E27 | 1/1 | A++→E |

Material: Metal with hemp rope, Lamps Not Included

BEST EFFECT WITH VINTAGE LAMPS · RoHS COMPLIANT · CE · 3+2 standard +extended 5 YEAR TOTAL WARRANTY



ROPE
955ROPE5R



OLIVER
955OLIVER8



IP20

UNTIL SUPPLY LAST

## ROPE / OLIVER

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955ROPE5R** | F | Chandelier | brown and rust | 600 | 700 | 5 x E27 | 1/1 | A++→E |
| **955OLIVER8** | F | Chandelier | brown | 600 | 300 | 8 x E27 | 1/50 | A++→E |

Material: Metal with hemp rope, Lamps Not Included

BEST EFFECT WITH VINTAGE LAMPS · RoHS COMPLIANT · CE · 3+2 standard +extended 5 YEAR TOTAL WARRANTY



CARTER
955CARTER6L



IP20

UNTIL SUPPLY LAST

## CARTER

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955CARTER6L** | F | Chandelier | black | 300 | 480 | 250 | 6 x E27 | 1/1 | A++ → E |

Material: Metal, Lamps Not Included

BEST EFFECT WITH VINTAGE LAMPS · RoHS COMPLIANT · CE · 3+2 standard +extended 5 YEAR TOTAL WARRANTY



CARTER
955CARTER6R



CARTER
955CARTER4R



CARTER
955CARTER1W

**IP20**

UNTIL SUPPLY LAST

## CARTER

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955CARTER4R** | F | Chandelier | black | 370 | 250 | 4 x E27 | 1/1 | A++→E |
| **955CARTER6R** | F | Chandelier | black | 580 | 250 | 6 x E27 | 1/1 | A++→E |
| **955CARTER1W** | F | Wall lamp | black | 142 | 410 | 1 x E27 | 1/1 | A++→E |

Material: Metal, Lamps Not Included

BEST EFFECT WITH VINTAGE LAMPS · RoHS COMPLIANT · CE · 3+2 standard +extended 5 YEAR TOTAL WARRANTY

ELMARK

www.elmarkholding.eu



BLAKE

955BLAKE8



GRACE
955GRACE6L



BLAKE
955BLAKE6



**IP20**

UNTIL SUPPLY LAST

## BLAKE / GRACE

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955BLAKE6** | F | Chandelier | Black | 580 | 650 | 6 x E27 | 1/1 | A++→E |
| **955BLAKE8** | F | Chandelier | Black | 800 | 680 | 8 x E27 | 1/1 | A++→E |
| **955GRACE6L** | F | Chandelier | Dark wood with stone | 400/700 | 700 | 6 x E27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included**

RoHS COMPLIANT CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY



TYLER
955TYLER1B/AB



TYLER
955TYLER1A/CU



**IP20**

UNTIL SUPPLY LAST

## TYLER

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955TYLER1B/AB** | F | Pendant | Antique brass | 195 | 155 | 1 x E27 | 1/1 | A++→E |
| **955TYLER1A/CU** | F | Pendant | Copper | 155 | 195 | 1 x E27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included**

BEST EFFECT WITH VINTAGE LAMPS · RoHS COMPLIANT · CE · 3+2 standard +extended · 5 YEAR TOTAL WARRANTY



CLARK
955CLARK1A



CLARK
955CLARK1B



**IP20**

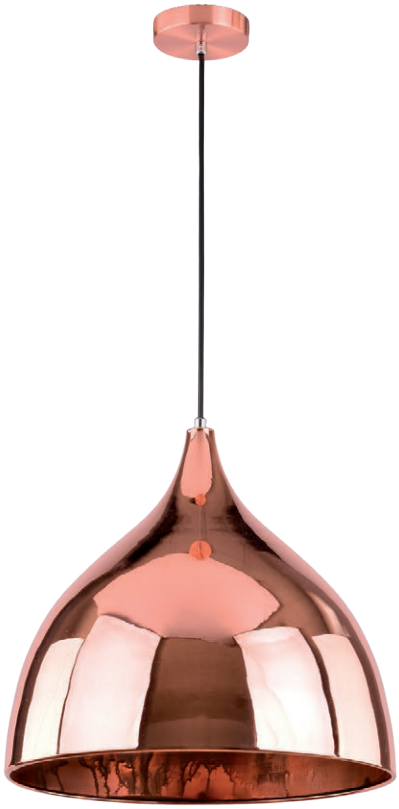
UNTIL SUPPLY LAST

## CLARK

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|
| **955CLARK1A** | F | Pendant | Copper | 260 | 1 x E27 | 1/1 | A++→E |
| **955CLARK1B** | F | Pendant | Copper | 220 | 1 x E27 | 1/1 | A++→E |

**Material:** Glass with metal, **Lamps Not Included**

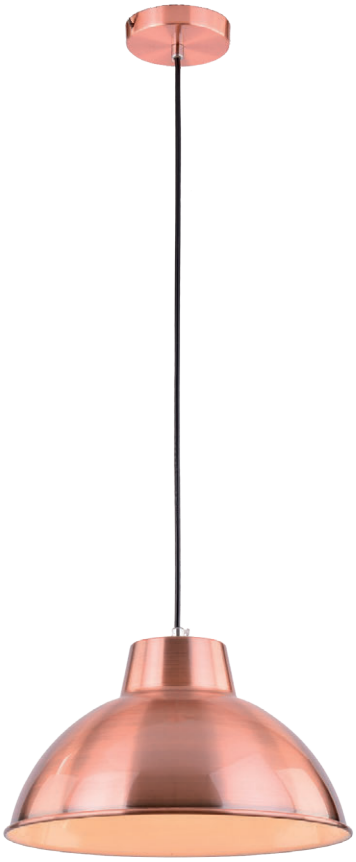
BEST EFFECT WITH VINTAGE LAMPS · RoHS COMPLIANT · CE · 3+0 standard +extended · 3 YEAR TOTAL WARRANTY



DECO
955DECO1A



DECO
955DECO1B



DECO
955DECO1C



**IP20**

## DECO

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955DECO1A** | A | Pendant | Copper | 350 | 350 | 1 x E27 | 1/1 | A++→E |
| **955DECO1B** | A | Pendant | Copper | 300 | 270 | 1 x E27 | 1/1 | A++→E |
| **955DECO1C** | F | Pendant* | Copper | 300 | 180 | 1 x E27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included**

*Until Supply Last

BEST EFFECT WITH VINTAGE LAMPS · RoHS COMPLIANT · CE · 3+2 standard +extended · 5 YEAR TOTAL WARRANTY

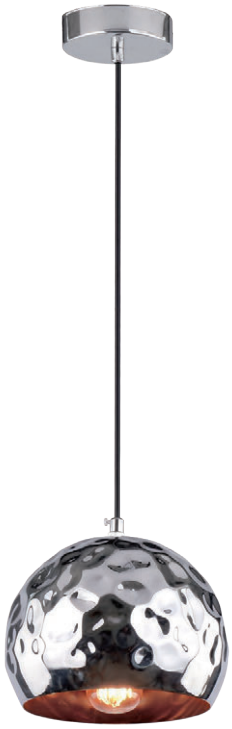
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HAMMER
955HAMMER1C/CU



HAMMER
955HAMMER1A/G



HAMMER
955HAMMER1B/CH



HAMMER
955HAMMER1D/CH

**IP20**

UNTIL SUPPLY LAST

## HAMMER

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955HAMMER1C/CU** | F | Pendant | Copper | 300 | | 1 x E27 | 1/1 | A++→E |
| **955HAMMER1A/G** | F | Pendant | Gold | 290 | 220 | 1 x E27 | 1/1 | A++→E |
| **955HAMMER1B/CH** | F | Pendant | Chrome | 180 | | 1 x E27 | 1/1 | A++→E |
| **955HAMMER1D/CH** | F | Pendant | Chrome | 190 | 250 | 1 x E27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included**

BEST EFFECT WITH VINTAGE LAMPS · RoHS COMPLIANT · CE · 3+0 standard +extended · 3 YEAR TOTAL WARRANTY



ELMARK

www.elmarkholding.eu



BRYAN

955BRYAN1W

**IP20**

## BRYAN

| Catalogue number | Product category | Description | Diameter (mm) | Height (mm) | Lampholder | Packing/ Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|
| **955BRYAN1W** | A | Wall lamp | 260 | 260 | 1 x E27 | 1/6 | A++→E |

**Material:** Metal antique brass and glass, **Lamps Not Included**

BEST EFFECT WITH VINTAGE LAMPS

RoHS COMPLIANT

CE

3+2 standard +extended

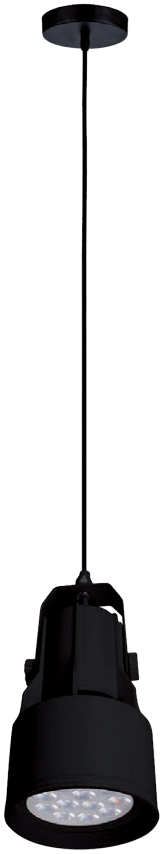
5 YEAR TOTAL WARRANTY



BERLIN
955BERLIN1A/CH



BERLIN
955BERLIN1B/BK



SKY
93SKY2211PWW/BL
93SKY2211PW/BL
93SKY2211PCW/BL

**IP20**

## BERLIN / SKY

| Catalogue number | Product category | Description | Colour temp. (K) | Lamp | Watt | Whole fixture lumens (lm) | Colour | Diameter (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **955BERLIN1B/BK** | F | Pendant* | - | Not Included | - | - | Black | 360 | 1 x E27 | 1/1 | A++→E |
| **955BERLIN1A/CH** | F | Pendant* | - | Not Included | - | - | Chrome | 360 | 1 x E27 | 1/1 | A++→E |
| **93SKY2211PWW/BL** | A | Pendant | 2700 | Included PAR30 | 15 | 1275 | Black | 100 | 1 x E27 | 1/1 | A+ A++→E |
| **93SKY2211PW/BL** | A | Pendant | 4000 | Included PAR30 | 15 | 1275 | Black | 100 | 1 x E27 | 1/1 | A+ A++→E |
| **93SKY2211PCW/BL** | A | Pendant | 6400 | Included PAR30 | 15 | 1275 | Black | 100 | 1 x E27 | 1/1 | A+ A++→E |

**Material:** Metal

* Until Supply Last



SKY Lamp included



BEST EFFECT WITH VINTAGE LAMPS

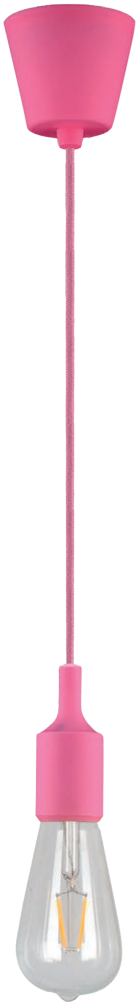
RoHS COMPLIANT CE

3+2 standard +extended 5 YEAR TOTAL WARRANTY

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SAILOR
955SAILOR1RAB



SAILOR
955SAILOR1P



SAILOR
9527100



SAILOR
955SAILOR1W

**IP20**

## SAILOR

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Length (mm) | Lampholder | Material | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955SAILOR1RAB** | F | Pendant* | red antique brass | 100 | 2050 | E27 | iron | 1/20 | A++→E |
| **955SAILOR1P** | F | Pendant* | pink | 90 | 1500 | E27 | silicone | 1/80 | A++→E |
| **9527100** | A | Pendant | chrome | 100 | 1085 | E27 | silicone | 1/50 | A++→E |
| **955SAILOR1W** | A | Wall fixture | antique brass | 100 | 200 | E27 | iron | 1/20 | A++→E |

Lamps Not Included

* Until Supply Last

BEST EFFECT WITH VINTAGE LAMPS · RoHS COMPLIANT · CE · 3+2 standard +extended · 5 YEAR TOTAL WARRANTY

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SAILOR
955SAILOR1BK



SAILOR
955SAILOR1AB



SAILOR
955SAILOR1CU



SAILOR
955SAILOR1C



SAILOR
955SAILOR1BR

**IP20**

## SAILOR

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Material | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955SAILOR1BK** | F | Pendant* | Black | 50 | 1240 | 1 x E27 | Metal | 1/1 | A++→E |
| **955SAILOR1AB** | A | Pendant | Antique brass and black | 50 | 1070 | 1 x E27 | Metal | 1/10 | A++→E |
| **955SAILOR1CU** | A | Pendant | Copper and black | 50 | 1080 | 1 x E27 | Metal | 1/10 | A++→E |
| **955SAILOR1C** | F | Pendant* | Cement and black | 60 | 1090 | 1 x E27 | Cement and metal | 1/10 | A++→E |
| **955SAILOR1BR** | A | Pendant | Brown | 50 | 1080 | 1 x E27 | Silicone | 1/50 | A++→E |

Lamps Not Included

* Until Supply Last

BEST EFFECT WITH VINTAGE LAMPS · RoHS COMPLIANT · CE · 3+2 standard +extended · 5 YEAR TOTAL WARRANTY

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SAILOR
955SAILOR11/G



SAILOR
955SAILOR12/G



SAILOR
955SAILOR13/S



SAILOR
955SAILOR14/AB



SAILOR
955SAILOR15/RAB



**IP20**

## SAILOR

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Material | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955SAILOR11/G** | A | Pendant | Gold | 50 | 1000 | 1 x E27 | Metal | 1/100 | A++→E |
| **955SAILOR12/G** | A | Pendant | Gold | 45 | 1000 | 1 x E27 | Metal | 1/100 | A++→E |
| **955SAILOR13/S** | A | Pendant | Silver | 45 | 1000 | 1 x E27 | Metal | 1/100 | A++→E |
| **955SAILOR14/AB** | A | Pendant | Antique brass | 55 | 1000 | 1 x E27 | Metal | 1/100 | A++→E |
| **955SAILOR15/RAB** | A | Pendant with switch | Red antique brass | 35 | 1000 | 1 x E27 | Metal | 1/100 | A++→E |

Lamps Not Included

BEST EFFECT WITH VINTAGE LAMPS · RoHS COMPLIANT · CE · 3+2 standard +extended · 5 YEAR TOTAL WARRANTY

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955SAILOR16/R



955SAILOR16/BL



955SAILOR16/BR



955SAILOR16/WH



955SAILOR16/Y

**IP20**

## SAILOR

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Material | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955SAILOR16/BL** | A | Pendant | Black | 40 | 1000 | 1 x E27 | Silicon | 1/100 | A++→E |
| **955SAILOR16/WH** | A | Pendant | White | 40 | 1000 | 1 x E27 | Silicon | 1/100 | A++→E |
| **955SAILOR16/R** | A | Pendant | Red | 40 | 1000 | 1 x E27 | Silicon | 1/100 | A++→E |
| **955SAILOR16/BR** | A | Pendant | Brown | 40 | 1000 | 1 x E27 | Silicon | 1/100 | A++→E |
| **955SAILOR16/Y** | A | Pendant | Yellow | 40 | 1000 | 1 x E27 | Silicon | 1/100 | A++→E |

Lamps Not Included

BEST EFFECT WITH VINTAGE LAMPS · RoHS COMPLIANT · CE · 3+2 standard +extended · 5 YEAR TOTAL WARRANTY

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# CLASSIC



MARIEL
955MARIEL5/WH-G



MARIEL
955MARIEL5/GR-G



**IP20**

UNTIL SUPPLY LAST

## MARIEL

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955MARIEL5/WH-G** | F | Chandelier | white and gold | 600 | 460 | 5xE14 | 1/1 | A++→E |
| **955MARIEL5/GR-G** | F | Chandelier | gray and gold | 600 | 460 | 5xE14 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



AMANDA
955AMANDA1W/WH



AMANDA
955AMANDA5/BK



AMANDA
955AMANDA5/WH



**IP20**

UNTIL SUPPLY LAST

## AMANDA

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955AMANDA1W/WH** | F | Wall lamp | White | 230 | 250 | 1 x E14 | 1/10 | A++→E |
| **955AMANDA5/WH** | F | Chandelier | White | 580 | 550 | 5 x E14 | 1/1 | A++→E |
| **955AMANDA5/BK** | F | Chandelier | Black | 580 | 550 | 5 x E14 | 1/10 | A++→E |

**Material:** Metal, **Lamps Not Included**

RoHS COMPLIANT CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY



ANGELA
955ANGELA1W



ANGELA
955ANGELA5



ANGELA
955ANGELA8



ANGELA
955ANGELA3

**IP20**

## ANGELA

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955ANGELA1W** | A | Wall lamp | Black | 270 | 370 | 1 x E14 | 1/10 | A++→E |
| **955ANGELA3** | A | Chandelier | Black | 510 | 530 | 3 x E14 | 1/1 | A++→E |
| **955ANGELA5** | A | Chandelier | Black | 510 | 570 | 5 x E14 | 1/1 | A++→E |
| **955ANGELA8** | A | Chandelier | Black | 680 | 690 | 8 x E14 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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MADISON
955MADISON3



MADISON
955MADISON5



MADISON
955MADISON8



**IP20**

UNTIL SUPPLY LAST

## MADISON

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955MADISON3** | F | Chandelier | Black | 460 | 440 | 3 x E14 | 1/1 | A++→E |
| **955MADISON5** | F | Chandelier | Black | 500 | 520 | 5 x E14 | 1/1 | A++→E |
| **955MADISON8** | F | Chandelier | Black | 680 | 640 | 8 x E14 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included**

RoHS COMPLIANT CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY



ASHLEY
955ASHLEY1W



ASHLEY
955ASHLEY5



**IP20**

UNTIL SUPPLY LAST

## ASHLEY

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955ASHLEY1W** | F | Wall lamp | White | 250 | 360 | 1 x E14 | 1/10 | A++→E |
| **955ASHLEY5** | F | Chandelier | White | 550 | 680 | 5 x E14 | 1/1 | A++→E |

**Material:** Metal with glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



LAURA
955LAURA1W



RUBY
955RUBY6



LAURA
955LAURA5



RUBY
955RUBY1W



**IP20**

## RUBY / LAURA

| Catalogue number | Product category | Description | Colour | Width (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955RUBY6** | A | Chandelier | Beige swept gold | 570 | 490 | 6 x E14 | 1/1 | A++→E |
| **955LAURA5** | A | Chandelier | White swept gold | 650 | 680 | 5 x E14 | 1/1 | A++→E |
| **955RUBY1W** | A | Wall lamp | Beige swept gold | 270 | 205 | 1 x E14 | 1/10 | A++→E |
| **955LAURA1W** | A | Wall lamp | White swept gold | 100 | 425 | 1 x E14 | 1/10 | A++→E |

**Material:** Metal with crystal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



KAYLA
955KAYLA6



KAYLA
955KAYLA5



**IP20**

UNTIL SUPPLY LAST

## KAYLA

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955KAYLA5** | F | Chandelier | black | 640 | 200 | 5 x E14 | 1/1 | A++→E |
| **955KAYLA6** | F | Chandelier | black | 930 | 200 | 6 x E14 | 1/1 | A++→E |

**Material:** Metal with glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY



CALLA
955CALLA3



CALLA
955CALLA5



**IP20**

UNTIL SUPPLY LAST

## CALLA

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955CALLA3** | F | Chandelier | Chrome | 500 | 200 | 3xE14 | 1/1 | A++→E |
| **955CALLA5** | F | Chandelier | Chrome | 500 | 200 | 5xE14 | 1/1 | A++→E |

**Material:** Metal + glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



CLOVER
955CLOVER3



CLOVER
955CLOVER5



**IP20**

UNTIL SUPPLY LAST

## CLOVER

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955CLOVER3** | F | Chandelier | Chrome | 520 | 200 | 3xE27 | 1/1 | A++→E |
| **955CLOVER5** | F | Chandelier | Chrome | 520 | 200 | 5xE27 | 1/1 | A++→E |

**Material:** Metal + glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



SIA
955SIA3



SIA
955SIA5



**IP20**

UNTIL SUPPLY LAST

## SIA

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955SIA3** | F | Chandelier | Gold | 500 | 300 | 3xE14 | 1/1 | A++→E |
| **955SIA5** | F | Chandelier | Gold | 500 | 300 | 5xE14 | 1/1 | A++→E |

**Material:** Metal + glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



TAURY
955TAURY3



TAURY
955TAURY5



**IP20**

UNTIL SUPPLY LAST

## TAURY

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955TAURY3** | F | Chandelier | antique brass | 500 | 300 | 3xE14 | 1/1 | A++→E |
| **955TAURY5** | F | Chandelier | antique brass | 500 | 300 | 5xE14 | 1/1 | A++→E |

**Material:** Metal + glass + crystals, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



TULIP
955TULIP3



TULIP
955TULIP5



**IP20**

UNTIL SUPPLY LAST

## TULIP

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955TULIP3** | F | Chandelier | White+gold | 550 | 220 | 3xE14 | 1/1 | A++→E |
| **955TULIP5** | F | Chandelier | White+gold | 550 | 220 | 5xE14 | 1/1 | A++→E |

**Material:** Metal + glass + crystals, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



RENY
955RENY3



RENY
955RENY4



**IP20**

UNTIL SUPPLY LAST

## RENY

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955RENY3** | F | Chandelier | Wenge/chrome | 460 | | 220 | 3xE27 | 1/1 | A++→E |
| **955RENY4** | F | Chandelier | Wenge/chrome | 520 | | 220 | 4xE27 | 1/1 | A++→E |

**Material:** Metal + glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



ZORY
955ZORY3



ZORY
955ZORY6



**IP20**

UNTIL SUPPLY LAST

## ZORY

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955ZORY3** | F | Chandelier | Wenge/chrome | 540 | | 230 | 3xE27 | 1/1 | A++→E |
| **955ZORY6** | F | Chandelier | Wenge/chrome | 690 | | 230 | 6xE27 | 1/1 | A++→E |

**Material:** Metal + glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



CIARA
955CIARA1W



CIARA
955CIARA3



CIARA
955CIARA5

**IP20**

UNTIL SUPPLY LAST

## CIARA

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955CIARA1W** | F | Wall fixture with switch | Wenge/chrome | 130 | 200 | 160 | 1xE27 | 1/10 | A++→E |
| **955CIARA3** | F | Chandelier | Wenge/chrome | 420 | | 220 | 3xE27 | 1/1 | A++→E |
| **955CIARA5** | F | Chandelier | Wenge/chrome | 530 | | 220 | 5xE27 | 1/1 | A++→E |

**Material:** Metal + glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



STACY
955STACY4



STACY
955STACY3



STACY
955STACY2



STACY
955STACY1W



**IP20**

## STACY

| Catalogue number | Product category | Description | Colour | Width (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955STACY4** | A | Chandelier | Satin nickel | 180 | 750 | 350 | 4 x E27 | 1/1 | A++→E |
| **955STACY1W** | A | Wall lamp | Satin nickel | 220 | 250 | 130 | 1 x E27 | 1/10 | A++→E |
| **955STACY3** | A | Chandelier | Satin nickel | 160 | 600 | 350 | 3 x E27 | 1/1 | A++→E |
| **955STACY2** | A | Chandelier | Satin nickel | 180 | 390 | 350 | 2 x E27 | 1/1 | A++→E |

**Material:** Metal with glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



SARA
955SARA6



SARA
955SARA4



SARA
955SARA3



**IP20**

UNTIL SUPPLY LAST

## SARA

| Catalogue number | Product category | Description | Colour | Width (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955SARA6** | F | Chandelier | Satin nickel | 330 | 660 | 330 | 6 x E27 | 1/1 | A++→E |
| **955SARA4** | F | Chandelier | Satin nickel | 240 | 680 | 330 | 4 x E27 | 1/1 | A++→E |
| **955SARA3** | F | Chandelier | Satin nickel | 180 | 560 | 330 | 3 x E27 | 1/1 | A++→E |

**Material:** Metal with glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY



LEXI
955LEXI6/SN



LEXI
955LEXI4/SN



**IP20**

UNTIL SUPPLY LAST

## LEXI

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955LEXI6/SN** | F | Chandelier | Satin nickel | 650 | 350 | 6 x E27 | 1/1 | A++→E |
| **955LEXI4/SN** | F | Chandelier | Satin nickel | 520 | 350 | 4 x E27 | 1/1 | A++→E |

**Material:** Metal with glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY



LEXI
955LEXI1P/AB



LEXI
955LEXI6/AB



LEXI
955LEXI4/AB



**IP20**

UNTIL SUPPLY LAST

## LEXI

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955LEXI6/AB** | F | Chandelier | Antique brass | 650 | 350 | 6 x E27 | 1/1 | A++→E |
| **955LEXI4/AB** | F | Chandelier | Antique brass | 520 | 350 | 4 x E27 | 1/1 | A++→E |
| **955LEXI1P/AB** | F | Pendant | Antique brass | 150 | 100 | 1 x E27 | 1/10 | A++→E |

**Material:** Metal with glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY



ADEL
955ADEL6/SN



ADEL
955ADEL4/SN



ADEL
955ADEL3/SN



ADEL
955ADEL1W/SN



**IP20**

## ADEL

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955ADEL1W/SN** | A | Wall lamp | Satin nickel | 160 | 260 | 140 | 1 x E27 | 1/10 | A++→E |
| **955ADEL3/SN** | A | Chandelier | Satin nickel | 480 | - | 370 | 3 x E27 | 1/1 | A++→E |
| **955ADEL4/SN** | A | Chandelier | Satin nickel | 330 | 520 | 370 | 4 x E27 | 1/1 | A++→E |
| **955ADEL6/SN** | A | Chandelier | Satin nickel | 600 | - | 370 | 6 x E27 | 1/1 | A++→E |

**Material:** Metal with glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



ADEL
955ADEL6/AB



ADEL
955ADEL4/AB



ADEL
955ADEL3/AB



ADEL
955ADEL1W/AB

**IP20**

## ADEL

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955ADEL1W/AB** | A | Wall lamp | Antique brass | 160 | 260 | 140 | 1 x E27 | 1/10 | A++→E |
| **955ADEL3/AB** | A | Chandelier | Antique brass | 480 | - | 370 | 3 x E27 | 1/1 | A++→E |
| **955ADEL4/AB** | A | Chandelier | Antique brass | 330 | 520 | 370 | 4 x E27 | 1/1 | A++→E |
| **955ADEL6/AB** | A | Chandelier | Antique brass | 600 | - | 370 | 6 x E27 | 1/1 | A++→E |

**Material:** Metal with glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



ALICE
955ALICE5



ALICE
955ALICE4



ALICE
955ALICE1W



ALICE
955ALICE3



**IP20**

UNTIL SUPPLY LAST

## ALICE

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955ALICE4** | F | Chandelier | Satin nickel | 500 | - | 350 | 4 x E27 | 1/1 | A++→E |
| **955ALICE3** | F | Chandelier | Satin nickel | 460 | - | 350 | 3 x E27 | 1/1 | A++→E |
| **955ALICE1W** | F | Wall lamp | Satin nickel | 110 | 210 | 150 | 1 x E27 | 1/10 | A++→E |
| **955ALICE5** | F | Chandelier | Satin nickel | 600 | - | 350 | 5 x E27 | 1/1 | A++→E |

**Material:** Metal with glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



CECIL
955CECIL6



CECIL
955CECIL4



CECIL
955CECIL1W



**IP20**

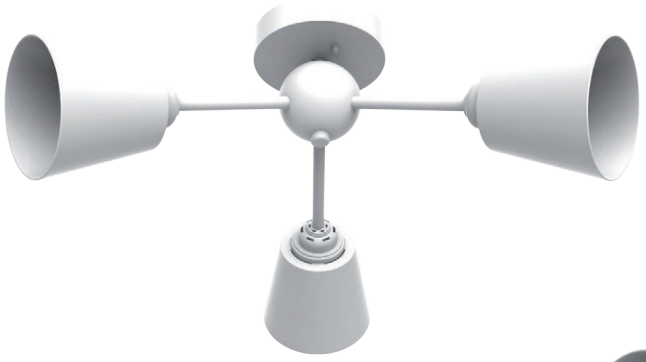
UNTIL SUPPLY LAST

## CECIL

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955CECIL6** | F | Chandelier | Wenge and chrome | 550 | - | 350 | 6 x E27 | 1/1 | A++→E |
| **955CECIL4** | F | Chandelier | Wenge and chrome | 400 | - | 350 | 4 x E27 | 1/1 | A++→E |
| **955CECIL1W** | F | Wall lamp | Wenge and chrome | 160 | 260 | 140 | 1 x E27 | 1/10 | A++→E |

**Material:** Metal with white glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY



JUDY
955JUDY3/WH



JUDY
955JUDY5/WH



**IP20**

## JUDY

| Catalogue number | Product category | Description | Colour | Width (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955JUDY3/WH** | A | Ceiling lamp | White | 460 | 460 | 340 | 3xE27 | 1/12 | A++→E |
| **955JUDY5/WH** | A | Ceiling lamp | White | 540 | 540 | 340 | 5xE27 | 1/12 | A++→E |

**Material:** Metal and PP, **Lamps Not Included, Max 25W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



JUDY
955JUDY3/BL



JUDY
955JUDY5/BL



**IP20**

## JUDY

| Catalogue number | Product category | Description | Colour | Width (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955JUDY3/BL** | A | Ceiling lamp | Black | 460 | 460 | 340 | 3xE27 | 1/12 | A++→E |
| **955JUDY5/BL** | A | Ceiling lamp | Black | 540 | 540 | 340 | 5xE27 | 1/12 | A++→E |

**Material:** Metal and PP, **Lamps Not Included, Max 25W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



KRISTA
955KRISTA5



KRISTA
955KRISTA1W



KRISTA
955KRISTA1T



KRISTA
955KRISTA3



**IP20**

## KRISTA

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955KRISTA1T** | A | Table lamp | Golden copper brass with beige | 180 | - | 330 | 1 x E27 | 1/6 | A++→E |
| **955KRISTA1W** | A | Wall lamp | Golden copper brass with beige | 180 | 275 | 235 | 1 x E27 | 1/12 | A++→E |
| **955KRISTA3** | A | Chandelier | Golden copper brass with beige | 525 | - | 450 | 3 x E27 | 1/1 | A++→E |
| **955KRISTA5** | A | Chandelier | Golden copper brass with beige | 525 | - | 450 | 5 x E27 | 1/1 | A++→E |

**Material:** Metal with glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



KAREN
955KAREN1P



KAREN
955KAREN3R



KAREN
955KAREN3L

**IP20**

## KAREN

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955KAREN3R** | A | Chandelier | Satin nickel | 130 | 500 | 800 | 3 x E27 | 1/1 | A++→E |
| **955KAREN1P** | A | Pendant | Satin nickel | 120 | - | 800 | 1 x E27 | 1/1 | A++→E |
| **955KAREN3L** | A | Chandelier | Satin nickel | 130 | 500 | 800 | 3 x E27 | 1/1 | A++→E |

**Material:** Metal with glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



MOLLY
955MOLLY2/SN



MOLLY
955MOLLY1P/SN



**IP20**

UNTIL SUPPLY LAST

## MOLLY

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955MOLLY1P/SN** | F | Pendant | Satin nickel and white | 295 | - | 1245 | 1 x E27 | 1/1 | A++→E |
| **955MOLLY2/SN** | F | Chandelier | Satin nickel and white | 295 | 1100 | 800 | 2 x E27 | 1/1 | A++→E |

**Material:** Metal with glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY



MOLLY
955MOLLY1P/AB



MOLLY
955MOLLY1T/AB



MOLLY
955MOLLY2/AB

**IP20**

UNTIL SUPPLY LAST

## MOLLY

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| 955MOLLY1P/AB | F | Pendant | Antique brass and white | 295 | - | 1245 | 1 x E27 | 1/1 | A++→E |
| 955MOLLY2/AB | F | Chandelier | Antique brass and white | 295 | 1100 | 800 | 2 x E27 | 1/1 | A++→E |
| 955MOLLY1T/AB | F | Table lamp | Antique brass and white | 230 | 300 | 480 | 1 x E27 | 1/1 | A++→E |

**Material:** Metal with glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY



ERIN
955ERIN1P



ERIN
955ERIN3R



ERIN
955ERIN3L

**IP20**

## ERIN

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955ERIN3R** | A | Chandelier | Satin nickel | 300 | - | 800 | 3 x E27 | 1/1 | A++→E |
| **955ERIN1P** | A | Pendant | Satin nickel | 120 | - | 800 | 1 x E27 | 1/10 | A++→E |
| **955ERIN3L** | A | Chandelier | Satin nickel | 90 | 500 | 800 | 3 x E27 | 1/1 | A++→E |

**Material:** Metal with glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



JANIS
955JANIS1A



JANIS
955JANIS1B



JANIS
955JANIS1C

**IP20**

## JANIS

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955JANIS1A** | A | Pendant | Black | 130 | - | 250 | 1 x E27 | 1/1 | A++→E |
| **955JANIS1B** | A | Pendant | White | 130 | 130 | 190 | 1 x E27 | 1/1 | A++→E |
| **955JANIS1C** | A | Pendant | Black | 130 | - | 250 | 1 x E27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



HANNA
955HANNA3



DONNA
955DONNA3



**IP20**

## HANNA / DONNA

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955HANNA3** | F | Ceiling lamp* | Lite wood | 450 | 160 | 3 x E27 | 1/1 | A++→E |
| **955DONNA3** | A | Ceiling lamp | Black wood | 400 | 100 | 3 x E27 | 1/1 | A++→E |

**Material:** Metal with glass and wood, **Lamps Not Included**

* Until Supply last

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



TIMOK
9520045



MARICA
9520019



VELEKA
9520067



**IP20**

UNTIL SUPPLY LAST

## MARICA / VELEKA / TIMOK

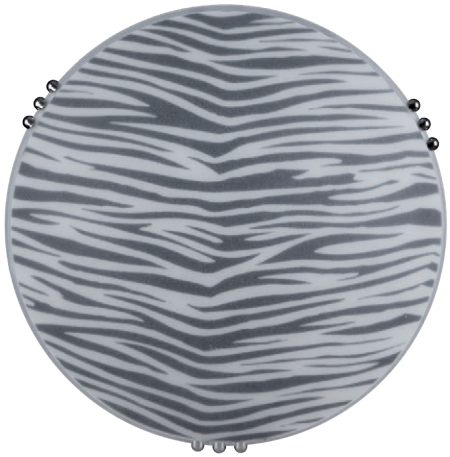
| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **9520019** | F | Chandelier | Antique brass | 600 | 600 | 5 x E14 | 1/1 | A++→E |
| **9520045** | F | Wall lamp | satin nickel/opal glass | | | 1 x E14 | 1/1 | A++→E |
| **9520067** | F | Table lamp | chrome/frosted glass | | | 1 x E14 | 1/1 | A++→E |

Material: Metal with glass, Lamps Not Included

RoHS COMPLIANT CE 2+0 standard +extended 2 YEAR TOTAL WARRANTY



EROS
958930BL



EROS
958940BL



EROS
958960BL



EROS
958970BL



**IP20**

UNTIL SUPPLY LAST

## EROS

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Length (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **958930BL** | F | Ceiling lamp | Black | 300 | - | 1 x E27 | 1/1 | A++→E |
| **958940BL** | F | Ceiling lamp | Black | 400 | - | 2 x E27 | 1/1 | A++→E |
| **958960BL** | F | Wall lamp | Black | 300 | 300 | 2 x E27 | 1/1 | A++→E |
| **958970BL** | F | Wall lamp | Black | 230 | 350 | 2 x E27 | 1/1 | A++→E |

Material: Metal with glass, Lamps Not Included

RoHS COMPLIANT CE 2+1 standard +extended 3 YEAR TOTAL WARRANTY



EROS
958970



EROS
958960



**IP20**

UNTIL SUPPLY LAST

## EROS

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Length (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **958960** | F | Wall lamp | White | 300 | 300 | 2 x E27 | 1/1 | A++→E |
| **958970** | F | Wall lamp | White | 230 | 350 | 2 x E27 | 1/1 | A++→E |

Material: Metal with glass, Lamps Not Included

RoHS COMPLIANT CE 2+1 standard +extended 3 YEAR TOTAL WARRANTY



VIVIAN
9500640024
9500650025



STYLE
9500250008



BRANDY
9501450065



CORAL
9500840034
9500850035



**IP20**

UNTIL SUPPLY LAST

## VIVIAN / BRANDY / CORAL / STYLE

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|
| **9500640024** | F | Ceiling lamp | Blue | 400 | 2 x E27 | 1/5 | A++→E |
| **9500650025** | F | Ceiling lamp | Blue | 500 | 3 x E27 | 1/5 | A++→E |
| **9501450065** | F | Ceiling lamp | Brown | 500 | 3 x E27 | 1/5 | A++→E |
| **9500840034** | F | Ceiling lamp | Brown | 400 | 2 x E27 | 1/5 | A++→E |
| **9500850035** | F | Ceiling lamp | Brown | 500 | 3 x E27 | 1/5 | A++→E |
| **9500250008** | F | Ceiling lamp | Brown | 500 | 3xE27 | 1/5 | A++→E |

Material: Metal with glass, Lamps Not Included

RoHS COMPLIANT CE 2+0 standard +extended 2 YEAR TOTAL WARRANTY



LIDIA
9501732075



CANDY
950273631113



LIDIA
9501850081



LIDIA
9501650073



LIDIA
9501740076
9501750077



**IP20**

UNTIL SUPPLY LAST

## LIDIA / CANDY

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|
| **9501650073** | F | Ceiling lamp | Brown | 500 | 3 x E27 | 1/5 | A++→E |
| **9501732075** | F | Wall lamp | Pink | 300/2 | 1 x E27 | 1/20 | A++→E |
| **9501740076** | F | Ceiling lamp | Pink | 400 | 2 x E27 | 1/5 | A++→E |
| **9501750077** | F | Ceiling lamp | Pink | 500 | 3 x E27 | 1/5 | A++→E |
| **9501850081** | F | Ceiling lamp | Purple | 500 | 3 x E27 | 1/5 | A++→E |
| **950273631113** | F | Wall lamp | Dots | 360/310 | 2 x E27 | 1/10 | A++→E |

Material: Metal with glass, Lamps Not Included

RoHS COMPLIANT CE 2+0 standard +extended 2 YEAR TOTAL WARRANTY



SENSOR
958300MCH



SENSOR
958300WH



SENSOR
958120MCH



SENSOR
958120WH



**IP20**

## SENSOR

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Length (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **958300WH** | A | Ceiling lamp | White | 300 | - | 2 x E27 | 1/8 | A++→E |
| **958300MCH** | A | Ceiling lamp | Satin nickel | 300 | - | 2 x E27 | 1/8 | A++→E |
| **958120WH** | A | Ceiling lamp | White | 300 | 300 | 2 x E27 | 1/8 | A++→E |
| **958120MCH** | A | Ceiling lamp | Satin nickel | 300 | 300 | 2 x E27 | 1/8 | A++→E |

Material: Metal with glass, Lamps Not Included

Ceiling fixture with movement sensor | Detection range: 360 degrees | Detection distance: max.6m | Time-Delay: 10sec ± 3sec to 7 min ± 2 min (adjustable) | Ambient light: <3 - 2000lux (adjustable) | Detection motion speed: 0.6 - 1.5 m/s | Installation height: 2.2 - 4m

RoHS COMPLIANT | CE | 2+1 standard +extended 3 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.*



TUBES
9510010



RULET
95109R



RULET
95109WH



**IP20**

UNTIL SUPPLY LAST

## RULET / TUBES

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|
| **95109R** | F | Pendant | red | 190 | 1 x E27 | 1/1 | A++→E |
| **95109WH** | F | Pendant | white | 190 | 1 x E27 | 1/1 | A++→E |
| **9510010** | F | Chandelier | chrome | - | 5 x E27 | 1/1 | A++→E |

Material: Metal with glass, Lamps Not Included

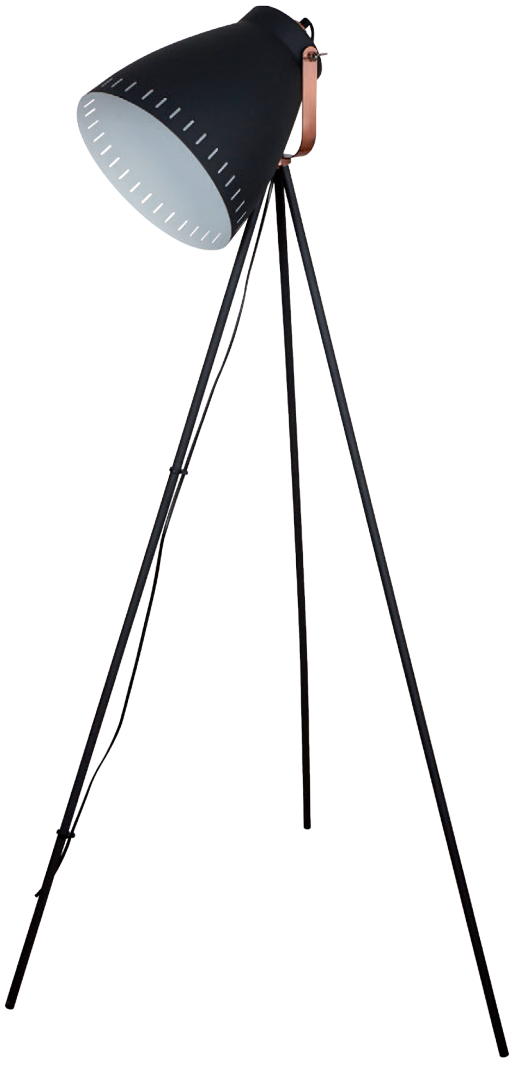
RoHS COMPLIANT CE 2+0 standard +extended 2 YEAR TOTAL WARRANTY



# TABLE & FLOOR LAMPS



MAX
955MAX1T



MAX
955MAX1F

**IP20**

## MAX

| Catalogue number | Product category | Description | Colour | Width (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955MAX1T** | A | Table lamp | Sand black | 200 | 310 | 520 | 1 x E27 | 1/12 | A++→E |
| **955MAX1F** | A | Floor lamp | Sand black | 545 | 640 | 1450 | 1 x E27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



CLARA
955CLARA1T/NI



CAROL
955CAROL1F/BL



**IP20**

## CAROL / CLARA

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955CAROL1F/BL** | A | Floor lamp | Black & brass | 600 | 1850 | 1xE27 | 1/1 | A++→E |
| **955CLARA1T/NI** | A | Table lamp | Nickel | 460 | 670 | 1xE27 | 1/1 | A++→E |

**Material:** CAROL: Wood, fabric & metal, CLARA: Metal & fabric | **Lamps Not Included**, Max 40W

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



HARRIET
955HARRIET1T/BZ



HARRIET
955HARRIET1T/SI



HARRIET
955HARRIET1T2/BZ



HARRIET
955HARRIET1T2/SI

**IP20**

## HARRIET

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955HARRIET1T/SI** | A | Table lamp | Silver | 220 | 360 | 1xE27 | 1/1 | A++→E |
| **955HARRIET1T/BZ** | A | Table lamp | Bronze | 220 | 360 | 1xE27 | 1/1 | A++→E |
| **955HARRIET1T2/SI** | A | Table lamp | Silver | 350 | 500 | 1xE27 | 1/1 | A++→E |
| **955HARRIET1T2/BZ** | A | Table lamp | Bronze | 350 | 500 | 1xE27 | 1/1 | A++→E |

**Material:** Pendants: Metal & fabric; Table lamps: Metal & acrylic | **Lamps Not Included**, Max 40W

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



TOM
955TOM1F



ROB
955ROB1F

**IP20**

UNTIL SUPPLY LAST

## TOM / ROB

| Catalogue number | Product category | Description | Colour | Width (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955TOM1F** | F | Floor lamp | Sand black with antique brass | 245 | 430 | 1550 | 2 x E27 | 1/1 | A++→E |
| **955ROB1F** | F | Floor lamp | Chrome | 230 | 400 | 1540 | 2 x E27 | 1/1 | A++→E |

**Material:** Metal with wood, Metal, **Lamps Not Included**

RoHS COMPLIANT CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY



JOHN
955JOHN1F/BK



JOHN
955JOHN1T/BK



JOHN
955JOHN1T/WH

**IP20**

## JOHN

| Catalogue number | Product category | Description | Colour | Width (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955JOHN1T/WH** | A | Table lamp | Sand white with satin nickel | 190 | 495 | 600 | 1 x E27 | 1/1 | A++→E |
| **955JOHN1T/BK** | A | Table lamp | Sand black with copper | 190 | 495 | 600 | 1 x E27 | 1/1 | A++→E |
| **955JOHN1F/BK** | A | Floor lamp | Sand black with copper | 280 | 830 | 1500 | 1 x E27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



DANN
955DANN3F



NOAH
955NOAH1F

**IP20**

## ROY / DANN / NOAH

| Catalogue number | Product category | Description | Colour | Width (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955ROY1F** | A | Floor lamp | Satin nickel | 445 | 2110 | 2120 | 1 x E27 | 1/1 | A++→E |
| **955DANN3F** | F | Floor lamp* | Satin nickel | 830 | 820 | 2000 | 3 x E14 | 1/1 | A++→E |
| **955NOAH1F** | F | Floor lamp* | Satin nickel | 205 | 330 | 1320 | 1 x E27 | 1/4 | A++→E |

Material: Metal, Lamps Not Included
* Until supply Last - 3 year standard+0 year extended warranty

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***





**ROY**
955ROY1F



TOMY
955TOMY1F



TOMY
955TOMY1T

KILIE
955KILIE1



**IP20**

## KILIE / TOMY

| Catalogue number | Product category | Description | Colour | Widthr (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955KILIE1** | A | Floor lamp | White | 1390 | 1750 | E27 | 1/1 | A++→E |
| **955TOMY1T** | A | Table lamp | dark gray | 240 | 490 | E27 | 1/1 | A++→E |
| **955TOMY1F** | A | Floor lamp | dark gray | 400 | 1550 | E27 | 1/1 | A++→E |

**Material:** KILIE: Marble + Fabric; TOMY: Metal+ Fabric, **Lamps Not Included, Max. 40W**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



CARMEN
955CARMEN1T



LEDA
955LEDA3F



CARMEN
955CARMEN1F

**IP20**

## CARMEN

| Catalogue number | Product category | Description | Colour | Diameter/Width (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955CARMEN1F** | A | Floor lamp | White & chrome | 300 | 230 | 1xE27 | 1/1 | A++→E |
| **955CARMEN1T** | A | Table lamp | White & chrome | 300 | 230 | 1xE27 | 1/1 | A++→E |
| **955LEDA3F** | A | Floor lamp | Satin nickel | 1670 | 2170 | 3xE27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included**, Max 40W

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



MERY
955MERY1F/AB



MERY
955MERY1T/AB



MERY
955MERY1F/CH



MERY
955MERY1T/CH

**IP20**

## MERY

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955MERY1F/AB** | A | Floor lamp | Antique brass | 400 | 1565 | 1 x E27 | 1/1 | A++→E |
| **955MERY1T/AB** | A | Table lamp | Antique brass | 320 | 570 | 1 x E27 | 1/1 | A++→E |
| **955MERY1F/CH** | A | Floor lamp | Chrome | 400 | 1565 | 1 x E27 | 1/1 | A++→E |
| **955MERY1T/CH** | A | Table lamp | Chrome | 320 | 570 | 1 x E27 | 1/1 | A++→E |

**Material:** Metal with crystal and fabirc shade, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



MAYA
955MAYA1F



MAYA
955MAYA1T



LILLY
955LILLY1F



LILLY
955LILLY1T

**IP20**

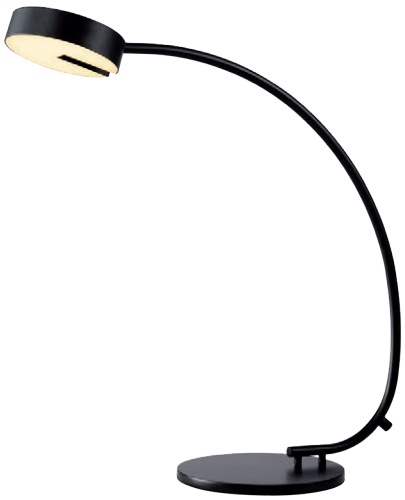
## MAYA / LILLY

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955MAYA1F** | A | Floor lamp | Chrome | 400 | 1630 | 1 x E27 | 1/1 | A++→E |
| **955MAYA1T** | A | Table lamp | Chrome | 300 | 650 | 1 x E27 | 1/1 | A++→E |
| **955LILLY1F** | A | Floor lamp | Chrome | 400 | 1585 | 1 x E27 | 1/1 | A++→E |
| **955LILLY1T** | A | Table lamp | Chrome | 150 | 410 | 1 x E27 | 1/4 | A++→E |

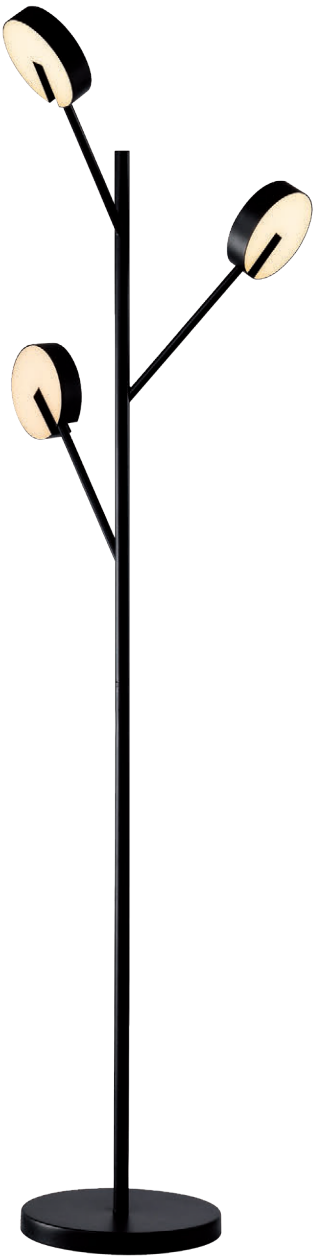
**Material:** Metal with crystal and fabirc shade, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



SENSO
955SENSO1T



SENSO
955SENSO3F

LED WARM WHITE 2700K **IP40**

## SENSO

| Catalogue number | Product category | Description | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour | Length/ Diameter (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **955SENSO1T** | A | Table lamp | 8.5 | 588 | 2800-3200 | Matte black | 458 | 180 | 459 | 1/1 | A++→A |
| **955SENSO3F** | A | Floor lamp | 25 | 1764 | 2800-3200 | Matte black | 443 | | 1475 | 1/1 | A++→A |

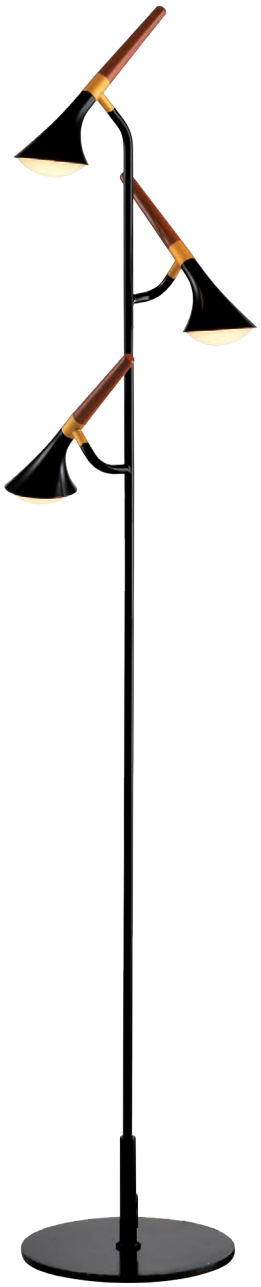
**Material:** Aluminium + Iron + Acrylic, **LED:** Included, **Light source:** Epistar 2835

~230V | 50/60 Hz | > 15000 | SMD 2835 | Ra≥80 | Hg | IP 40 | RoHS COMPLIANT | EMC | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



DUNCAN
955DUNCAN1T



DUNCAN
955DUNCAN3F

LED WARM WHITE 2700K **IP40**

## DUNCAN

| Catalogue number | Product category | Description | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour | Length/ Diameter (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **955DUNCAN1T** | A | Table lamp | 5 | 350 | 2800-3200 | Matte black & wood | 272 | 180 | 272 | 1/2 | A++→A |
| **955DUNCAN3F** | A | Floor lamp | 15 | 1050 | 2800-3200 | Matte black & wood | 230 | 250 | 1440 | 1/1 | A++→A |

**Material:** Aluminium + Iron + PC, **LED:** Included, **Light source:** Epistar 2835

~230V | 50/60 Hz | > 15000 | SMD 2835 | Ra≥80 | Hg | IP 40 | RoHS COMPLIANT | EMC | CE | 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



## HENDRIX
955HENDRIX1T



LED WARM WHITE 2700K **IP40**

## HENDRIX

| Catalogue number | Product category | Description | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **955HENDRIX1T** | A | Table lamp | 11 | 770 | 2800-3200 | White & black | 250 | 480 | 1/1 | A++→A |

**Material:** Aluminium + Iron + PC, **LED:** Included, **Light source:** Epistar 2835

~230V | 50/60 Hz | > 15000 | SMD 2835 | Ra≥80 | Hg | IP 40 | RoHS COMPLIANT | EMC | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



DIMMABLE LED TABLE LAMPS
955LED101T/WH



DIMMABLE LED TABLE LAMPS
955LED101T/BL



LED NEUTRAL WHITE 4000K IP40 DIMMABLE

## DIMMABLE LED TABLE LAMPS

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955LED101T/WH** | A | 9 | 500 | 4000K | white | 150 | 600 | 1/30 | A++→A |
| **955LED101T/BL** | A | 9 | 500 | 4000K | black | 150 | 600 | 1/30 | A++→A |

**Material:** ABS+PP | Third gear dimmable | **Lamps Not Included** | **Light source:** 30pcs 5730SMD | **Voltage:** 100-240V AC | **Adapter:** 4.6V/1.5A

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



ELINOR
955ELINOR1T/DGR



ELINOR
955ELINOR1T/TR



**IP20**

## ELINOR

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955ELINOR1T/DGR** | A | Table lamp | Dark grey | 245 | 512 | 1xE27 | 1/1 | A++→E |
| **955ELINOR1T/TR** | A | Table lamp | Transparent | 245 | 512 | 1xE27 | 1/1 | A++→E |

**Material:** Acrylic , **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



ALEGRA
955ALEGRA1T



LUKE
955LUKE1T/BK



LUKE
955LUKE1T/WH

**IP20**

## LUKE

| Catalogue number | Product category | Description | Colour | Width (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955LUKE1T/BK** | A | Table lamp | Sand black with copper | 165 | 530 | 700 | 1 x E27 | 1/12 | A++→E |
| **955LUKE1T/WH** | A | Table lamp | Sand white with satin nickel | 165 | 530 | 700 | 1 x E27 | 1/12 | A++→E |
| **955ALEGRA1T** | A | Table lamp | wood and black | 280 | | 475 | 1xE14 | 1/1 | |

**Material:** Metal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LIZA
955LIZA1T/AB



LIZA
955LIZA1T/CH



KRISTA
955KRISTA1T



**IP20**

## LIZA / KRISTA

| Catalogue number | Product category | Description | Material | Colour | Width / Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955LIZA1T/AB** | A | Table lamp | Metal and crystal | Antique brass | 210 | 330 | 1 x E14 | 1/4 | A++→E |
| **955LIZA1T/CH** | A | Table lamp | Metal and crystal | Chrome | 210 | 330 | 1 x E14 | 1/4 | A++→E |
| **955KRISTA1T** | A | Table lamp | Metal with glass | Golden copper brass with beige | 180 | 330 | 1 x E27 | 1/6 | A++→E |

**Material:** Metal with crystal / glass, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



SPIDER
955SPIDER1T/WH



MOLLY
955MOLLY1T/AB



**IP20**

UNTIL SUPPLY LAST

## SPIDER / MOLLY

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955SPIDER1T/WH** | F | Table lamp | Copper and white | 130 | 600 | 1 x E27 | 1/8 | A++→E |
| **955MOLLY1T/AB** | F | Table lamp | Antique brass and white | 300 | 480 | 1 x E27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included**

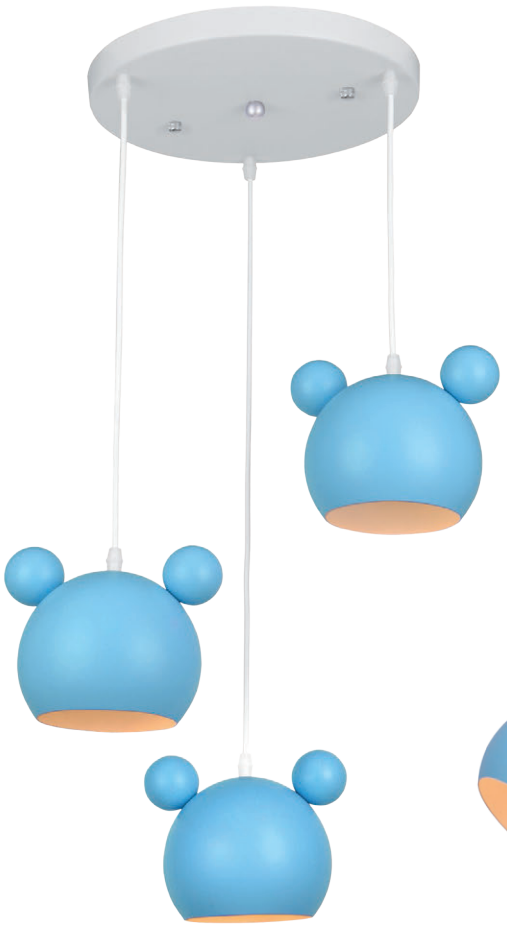
RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



# SPOTLIGHTS



MICKEY BLUE
955MICKEY1W/B



MICKEY BLUE
955MICKEY3/B



MICKEY BLUE
955MICKEY1T/B



**IP20**

## MICKEY BLUE

| Catalogue number | Product category | Description | Colour | Lamp holder | Width / Diameter (mm) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955MICKEY1T/B** | A | Table lamp | blue | 1xE27 | 120 | | 300 | 1/1 | A++→E |
| **955MICKEY1W/B** | A | Wall lamp | blue | 1xE27 | 120 | 250 | 140 | 1/1 | A++→E |
| **955MICKEY3/B** | A | Chandelier | blue | 3xE27 | 300 | | 1100 | 1/1 | A++→E |

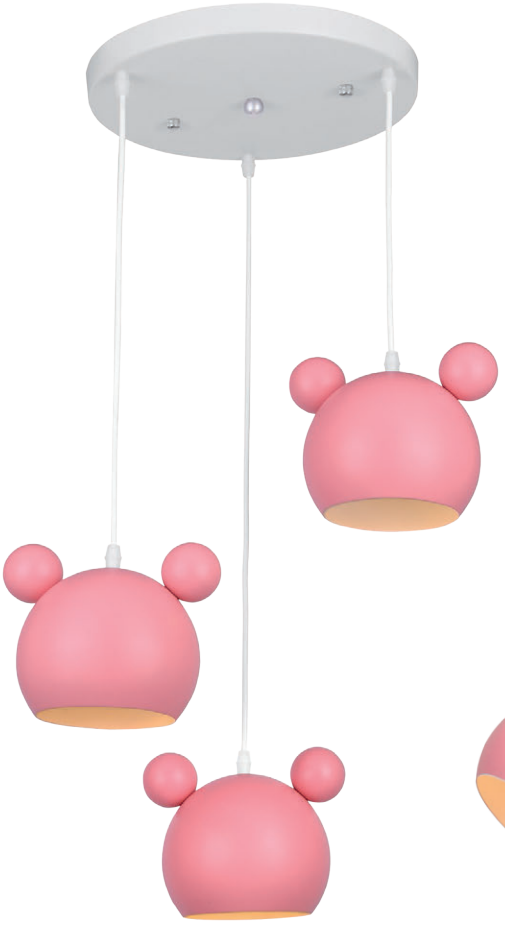
**Material:** Metal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



MICKEY PINK
955MICKEY1W/P



MICKEY PINK
955MICKEY3/P



MICKEY PINK
955MICKEY1T/P



**IP20**

## MICKEY PINK

| Catalogue number | Product category | Description | Colour | Lamp holder | Width / Diameter (mm) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955MICKEY1T/P** | A | Table lamp | pink | 1xE27 | 120 | | 300 | 1/1 | A++→E |
| **955MICKEY1W/P** | A | Wall lamp | pink | 1xE27 | 120 | 250 | 140 | 1/1 | A++→E |
| **955MICKEY3/P** | A | Chandelier | pink | 3xE27 | 300 | | 1100 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



MICKEY WHITE
955MICKEY1W/WH



MICKEY WHITE
955MICKEY3/WH



MICKEY WHITE
955MICKEY1T/WH

**IP20**

## MICKEY WHITE

| Catalogue number | Product category | Description | Colour | Lamp holder | Width / Diameter (mm) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955MICKEY1T/WH** | A | Table lamp | white | 1xE27 | 120 | | 300 | 1/1 | A++→E |
| **955MICKEY1W/WH** | A | Wall lamp | white | 1xE27 | 120 | 250 | 140 | 1/1 | A++→E |
| **955MICKEY3/WH** | A | Chandelier | white | 3xE27 | 300 | | 1100 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



TINY
955TINY1/P



TINY
955TINY1/B



**IP20**

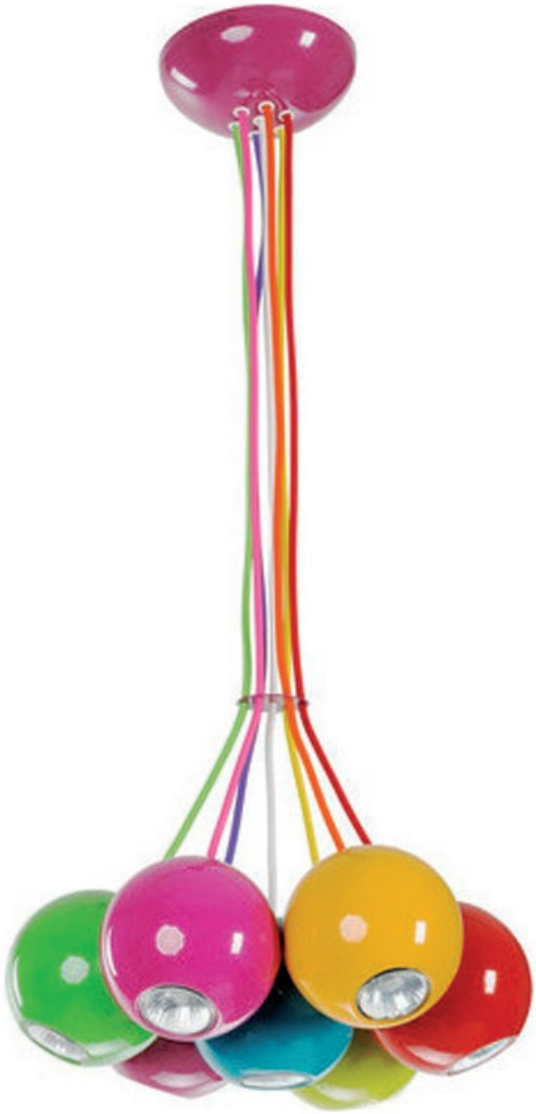
## TINY

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Height (mm) | Lamp holder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955TINY1/P** | A | Wall lamp | pink | 120 | | 1xGU10 | 1/1 | A++→E |
| **955TINY1/B** | A | Wall lamp | blue | 120 | | 1xGU10 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



TINY
955TINY7/MC



PEARL
955PEARL3/BL

**IP20**

## TINY / PEARL

| Catalogue number | Product category | Description | Colour | Width / Diameter (mm) | Height (mm) | Lamp holder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955TINY7/MC** | A | Chandelier | multicolour | 350 | 1500 | 7xGU10 | 1/1 | A++→E |
| **955PEARL3/BL** | A | Chandelier | black and gold | 150 | 1500 | 3xE27 | 1/1 | A++→E |

**Material:** Metal, **Lamps Not Included**

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



IZZY
955IZZY1/BL



IZZY
955IZZY1/WH



IZZY
955IZZY2/BL



IZZY
955IZZY2/WH



IZZY
955IZZY1W/BL



IZZY
955IZZY1W/WH



**IP20**

## IZZY

| Catalogue number | Product category | Description | Colour | Lamp holder | Base Diameter (mm) | Length (mm) | Width (mm) | Packing/Box (mm) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955IZZY1W/WH** | A | Spot with metal swtich | white | 1xGU10 | 80 | | 180 | 1/20 | A++→E |
| **955IZZY1W/BL** | A | Spot with metal swtich | black | 1xGU10 | 80 | | 180 | 1/20 | A++→E |
| **955IZZY1/WH** | A | Spot | white | 1xGU10 | 80 | | 180 | 1/20 | A++→E |
| **955IZZY1/BL** | A | Spot | black | 1xGU10 | 80 | | 180 | 1/20 | A++→E |
| **955IZZY2/WH** | A | Spot | white | 2xGU10 | 80 | 250 | 180 | 1/12 | A++→E |
| **955IZZY2/BL** | A | Spot | black | 2xGU10 | 80 | 250 | 180 | 1/12 | A++→E |

**Material:** Metal, **Lamps Not Included** | max 50W on lampholder

3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



IZZY
955IZZY4/WH



IZZY
955IZZY3/BL



IZZY
955IZZY3/WH



IZZY
955IZZY4/BL

**IP20**

## IZZY

| Catalogue number | Product category | Description | Colour | Lamp holder | Diameter (mm) | Length (mm) | Width (mm) | Packing/Box (mm) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955IZZY3/WH** | A | Spot | white | 3xGU10 | 80/250 | | 180 | 1/6 | A++→E |
| **955IZZY3/BL** | A | Spot | black | 3xGU10 | 80/250 | | 180 | 1/6 | A++→E |
| **955IZZY4/WH** | A | Spot | white | 4xGU10 | 80 | 600 | 180 | 1/6 | A++→E |
| **955IZZY4/BL** | A | Spot | black | 4xGU10 | 80 | 600 | 180 | 1/6 | A++→E |

**Material:** Metal, **Lamps Not Included** | max 50W on lampholder

3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



DOTS
955DOTS1S



DOTS
955DOTS2S



DOTS
955DOTS3S



**IP20**

UNTIL SUPPLY LAST

## DOTS

| Catalogue number | Product category | Description | Colour | Lampholder | Width/Diameter (mm) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955DOTS1S** | F | Spot | White with colored dots | 1 x E27 | 110 | 205 | 180 | 1/20 | A++→E |
| **955DOTS2S** | F | Spot | White with colored dots | 2 x E27 | 185 | 400 | 180 | 1/6 | A++→E |
| **955DOTS3S** | F | Spot | White with colored dots | 3 x E27 | 185 | 580 | 180 | 1/6 | A++→E |

**Material:** Metal

RoHS COMPLIANT CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY



DOTS
955DOTS1P



DOTS
955DOTS3P

**IP20**

UNTIL SUPPLY LAST

## DOTS

| Catalogue number | Product category | Description | Colour | Lampholder | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955DOTS1P** | F | Pendant | White with colored dots | 1 x E27 | 130 | 1225 | 1/12 | A++→E |
| **955DOTS3P** | F | Chandelier | White with colored dots | 3 x E27 | 260 | 1225 | 1/6 | A++→E |

**Material:** Metal

RoHS COMPLIANT CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY



STRIPS
955STRIPS1S



STRIPS
955STRIPS3S



STRIPS
955STRIPS2S



**IP20**

UNTIL SUPPLY LAST

## STRIPS

| Catalogue number | Product category | Description | Colour | Lampholder | Width/Diameter (mm) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955STRIPS1S** | F | Spot | White with creme and coffee | 1 x E27 | 110 | 205 | 180 | 1/20 | A++→E |
| **955STRIPS2S** | F | Spot | White with creme and coffee | 2 x E27 | 185 | 400 | 180 | 1/6 | A++→E |
| **955STRIPS3S** | F | Spot | White with creme and coffee | 3 x E27 | 185 | 580 | 180 | 1/6 | A++→E |

**Material:** Metal

RoHS COMPLIANT CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY



STRIPS
955STRIPS1P



STRIPS
955STRIPS3P



**IP20**

UNTIL SUPPLY LAST

## STRIPS

| Catalogue number | Product category | Description | Colour | Lampholder | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955STRIPS1P** | F | Pendant | White with creme and coffee | 1 x E27 | 130 | 1225 | 1/12 | A++→E |
| **955STRIPS3P** | F | Chandelier | White with creme and coffee | 3 x E27 | 260 | 1225 | 1/6 | A++→E |

**Material:** Metal

RoHS COMPLIANT CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY



BRAD
955BRAD3/WH



BRAD
955BRAD3/BK



**IP20**

UNTIL SUPPLY LAST

## BRAD

| Catalogue number | Product category | Description | Colour | Lampholder | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955BRAD3/WH** | F | Chandelier | White | 3 x E14 | 170 | 495 | 1/1 | A++→E |
| **955BRAD3/BK** | F | Chandelier | Black | 3 x E14 | 170 | 495 | 1/1 | A++→E |

**Material:** Metal

RoHS COMPLIANT CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY



NOAH
955NOAH2L



NOAH
955NOAH3L



NOAH
955NOAH1



NOAH
955NOAH3R



NOAH
955NOAH2R



**IP20**

UNTIL SUPPLY LAST

## NOAH

| Catalogue number | Product category | Description | Colour | Lampholder | Width/Diameter (mm) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955NOAH1** | F | Spot | Satin nickel | 1 x E27 | 120 | 225 | 170 | 1/20 | A++→E |
| **955NOAH2L** | F | Spot | Satin nickel | 2 x E27 | 195 | 415 | 170 | 1/6 | A++→E |
| **955NOAH3L** | F | Spot | Satin nickel | 3 x E27 | 195 | 550 | 170 | 1/1 | A++→E |
| **955NOAH2R** | F | Spot | Satin nickel | 2 x E27 | 220 | 310 | 220 | 1/6 | A++→E |
| **955NOAH3R** | F | Spot | Satin nickel | 3 x E27 | 400 | 410 | 220 | 1/6 | A++→E |

**Material:** Metal

RoHS COMPLIANT CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY



JIM
955JIM1/AB



JIM
955JIM2/AB



JIM
955JIM3/AB



JIM
955JIM1/SN



JIM
955JIM2/SN



JIM
955JIM3/SN



**IP20**

UNTIL SUPPLY LAST

## JIM

| Catalogue number | Product category | Description | Colour | Lampholder | Width/Diameter (mm) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955JIM1/SN** | F | Spot | Satin nickel | 1 x E27 | 95 | 145 | 140 | 1/30 | A++→E |
| **955JIM2/SN** | F | Spot | Satin nickel | 2 x E27 | 145 | 360 | 155 | 1/12 | A++→E |
| **955JIM3/SN** | F | Spot | Satin nickel | 3 x E27 | 120 | 560 | 155 | 1/12 | A++→E |
| **955JIM1/AB** | F | Spot | Antique brass | 1 x E27 | 95 | 145 | 140 | 1/30 | A++→E |
| **955JIM2/AB** | F | Spot | Antique brass | 2 x E27 | 145 | 360 | 155 | 1/12 | A++→E |
| **955JIM3/AB** | F | Spot | Antique brass | 3 x E27 | 120 | 560 | 155 | 1/12 | A++→E |

**Material:** Metal

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



JACK
955JACK1/SN



JACK
955JACK3R/SN



JACK
955JACK2/SN



JACK
955JACK3/SN

**IP20**

UNTIL SUPPLY LAST

## JACK

| Catalogue number | Product category | Description | Colour | Lampholder | Width/Diameter (mm) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955JACK1/SN** | F | Spot | Satin nickel | 1 x E14 | 75 | 105 | 140 | 1/30 | A++→E |
| **955JACK2/SN** | F | Spot | Satin nickel | 2 x E14 | 105 | 360 | 145 | 1/12 | A++→E |
| **955JACK3/SN** | F | Spot | Satin nickel | 3 x E14 | 105 | 560 | 145 | 1/12 | A++→E |
| **955JACK3R/SN** | F | Spot | Satin nickel | 3 x E14 | 180 | - | 145 | 1/12 | A++→E |

**Material:** Metal

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



JACK
955JACK1/AB



JACK
955JACK3R/AB



JACK
955JACK2/AB



JACK
955JACK3/AB



**IP20**

UNTIL SUPPLY LAST

## JACK

| Catalogue number | Product category | Description | Colour | Lampholder | Width/Diameter (mm) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955JACK1/AB** | F | Spot | Antique brass | 1 x E14 | 75 | 105 | 140 | 1/30 | A++→E |
| **955JACK2/AB** | F | Spot | Antique brass | 2 x E14 | 105 | 360 | 145 | 1/12 | A++→E |
| **955JACK3/AB** | F | Spot | Antique brass | 3 x E14 | 105 | 560 | 145 | 1/12 | A++→E |
| **955JACK3R/AB** | F | Spot | Antique brass | 3 x E14 | 180 | - | 145 | 1/12 | A++→E |

**Material:** Metal

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



ARDA
9520001



ARDA
9520002



ARDA
9520003

**IP20**

UNTIL SUPPLY LAST

## ARDA

| Catalogue number | Product category | Description | Model | Colour | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|
| **9520001** | F | Spot | 3901 | Satin nickel | 1 x GU10 | 1/1 | A++→C |
| **9520002** | F | Spot | 3902 | Satin nickel | 2 x GU10 | 1/1 | A++→C |
| **9520003** | F | Spot | 3903 | Satin nickel | 3 x GU10 | 1/1 | A++→C |

**Material:** Metal



Recommended bulb:
LEDSMD 3030 GU10 5.5W

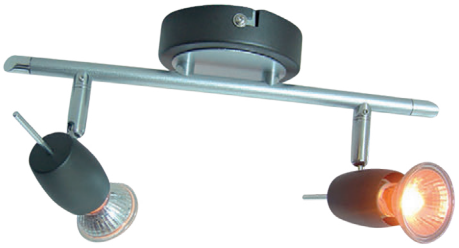
~230V RoHS COMPLIANT CE 2+0 standard +extended 2 YEAR TOTAL WARRANTY



VRANA
9520022



VRANA
9520023



VRANA
9520021



VRANA
9520024



**IP20**

UNTIL SUPPLY LAST

## VRANA

| Catalogue number | Product category | Description | Model | Colour | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|
| **9520021** | F | Spot | 3602 | Silver + black | 2 x GU10 | 1/1 | A++→C |
| **9520022** | F | Spot | 3603 | Silver + black | 3 x GU10 | 1/1 | A++→C |
| **9520023** | F | Spot | 3604 | Silver + black | 4 x GU10 | 1/1 | A++→C |
| **9520024** | F | Spot | 3606 | Silver + black | 6 x GU10 | 1/1 | A++→C |

**Material:** Metal



Recommended bulb:
LEDSMD 3030 GU10 5.5W

~230V RoHS COMPLIANT CE 2+0 standard +extended 2 YEAR TOTAL WARRANTY



ARCHAR
9520027



AHELOY
9520033



AHELOY
9520032

**IP20**

UNTIL SUPPLY LAST

## AHELOY / ARCHAR

| Catalogue number | Product category | Description | Model | Colour | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|
| **9520032** | F | Spot | 3803 | Chrome | 3 x GU10 | 1/1 | A++→C |
| **9520033** | F | Spot | 3804 | Chrome | 4 x GU10 | 1/1 | A++→C |
| **9520027** | F | Spot | 3703 | Satin nickel and Chrome | 3 x GU10 | 1/1 | A++→C |

**Material:** Metal



Recommended bulb:
LEDSMD 3030 GU10 5.5W

~230V RoHS COMPLIANT CE 2+0 standard +extended 2 YEAR TOTAL WARRANTY



ELMARK

www.elmarkholding.eu



SAM

955SAM1W/WH



SAM

955SAM1W/SN

**IP20**

## SAM

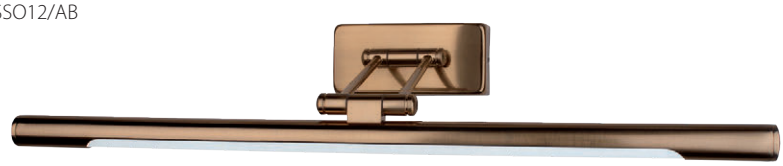
| Catalogue number | Product category | Description | Lampholder | Width (mm) | Length (mm) | Height (mm) | Packing/ Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **955SAM1W/SN** | A | Spot | 1 x E27 | 105 | 340 | 175 | 1/20 | A++→E |
| **955SAM1W/WH** | A | Spot | 1 x E27 | 105 | 340 | 175 | 1/20 | A++→E |

**Material:** Metal , Satin nickel, White, With key

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



PICASSO
955PICASSO12/AB



PICASSO
955PICASSO8/AB



PICASSO
955PICASSO12/SN



PICASSO
955PICASSO8/SN

LED NEUTRAL WHITE 4000K **IP44**

## PICASSO

| Catalogue number | Product category | Description | Colour | Watt (W) | Colour temp. (K) | Whole fixture lumens (lm) | Width (mm) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **955PICASSO12/AB** | A | LED Picture Light | Antique brass | 12 | 4000 | 960 | 70 | 675 | 190 | 1/20 | A++→A |
| **955PICASSO12/SN** | A | LED Picture Light | Satin nickel | 12 | 4000 | 960 | 70 | 675 | 190 | 1/20 | A++→A |
| **955PICASSO8/AB** | A | LED Picture Light | Antique brass | 8 | 4000 | 640 | 70 | 495 | 180 | 1/20 | A++→A |
| **955PICASSO8/SN** | A | LED Picture Light | Satin nickel | 8 | 4000 | 640 | 70 | 495 | 180 | 1/20 | A++→A |

**Material:** Metal | **Beam angle:** 30° | **Operating temperature:** 50-60° | **LED chip type:** SMD2835

~230V 50/60 Hz Ra>80 30000h >50000 INSTANT 100% Hg IP 44 RoHS F CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***


INDOOR



99XPANEL016



99XPANEL014W
99XPANEL020W
99XPANEL020CW



99XPANEL015W
99XPANEL021W

LED NEUTRAL WHITE 4000K COOL WHITE 6400K **IP40**

UNTIL SUPPLY **LAST**

## LED PANELS STELLAR

| Catalogue number | Catalogue number with Emergency kit | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **99XPANEL014W** | | F | 40 | 3600 | 4000 | white | 595 | 595 | 30 | 1/5 | A++→A |
| **99XPANEL015W** | | F | 40 | 3600 | 4000 | white | 295 | 1195 | 30 | 1/5 | A++→A |
| **99XPANEL016** | - | F | 36 | 2400 | 4000 | white | 595 | 595 | 19 | 1/2 | A++→A |

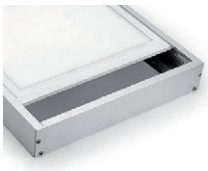
LED NEUTRAL WHITE 4000K COOL WHITE 6400K **IP40**

## LED PANELS STELLAR

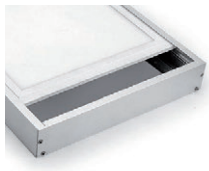
| Catalogue number | Catalogue number with Emergency kit | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **99XPANEL020W** | **99XPANEL020WE** | C | 48 | 4320 | 4000 | white | 595 | 595 | 30 | 1/6 | A++→A |
| **99XPANEL020CW** | **99XPANEL020CWE** | C | 48 | 4320 | 6400 | white | 595 | 595 | 30 | 1/6 | A++→A |
| **99XPANEL021W** | **99XPANEL021WE** | C | 48 | 4320 | 4000 | white | 295 | 1195 | 30 | 1/6 | A++→A |



**Emergency kit** with a possibility for work in an emergency regime more than two hours.



**Panel frame** for 595/595 mm ceiling mounting white
Catalogue number:
**92FRAME020W**



**Panel frame** for 295/1195 mm ceiling mounting white
Catalogue number:
**92FRAME021W**

*Suitable for surface and ceiling mounting. | **Body:** Iron+PS | 1YEAR WARRANTY
Suitable for mountig in suspended celling Armstrong type (in grid cellings)
**Body:** aluminium | **Light source:** SMD 4014 | **Starting time:** < 0.5s | **Power factor:** 0.9 | Recessed mounted luminaire | **Until Supply Last

~230V | 50/60 Hz | SMD | 120° | Ra≥80 | >10000 | INSTANT 100% | 15000h | Hg | IP 40 | RoHS COMPLIANT | EMC | F | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LED PANEL IP44
WHITE FRAME COLOUR



LED | NEUTRAL WHITE 4000K | COOL WHITE 6400K | IP44 | DIMMABLE

## LED PANEL IP44

| Catalogue number | Catalogue number with Emergency kit | Product category | Dimmable | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/ Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **92PANEL012WIP44** | **92PANEL012WIP44E** | C | - | 24 | 2400 | 4000 | white | 295 | 295 | 11 | 1/12 | A++→A |
| **92PANEL013WIP44** | **92PANEL013WIP44E** | C | - | 36 | 3600 | 4000 | white | 595 | 295 | 11 | 1/6 | A++→A |
| **92PANEL020WIP44** | **92PANEL020WIP44E** | C | - | 48 | 4800 | 4000 | white | 595 | 595 | 30 | 1/6 | A++→A |
| **92PANEL020CWIP44** | **92PANEL020CWIP44E** | C | - | 48 | 4800 | 6400 | white | 595 | 595 | 30 | 1/6 | A++→A |
| **92PANEL018WIP44** | **92PANEL018WIP44E** | C | Yes | 45 | 4500 | 4000 | white | 595 | 595 | 9 | 1/5 | A++→A |
| **92PANEL021WIP44** | **92PANEL021WIP44E** | C | - | 48 | 4800 | 4000 | white | 1195 | 295 | 30 | 1/6 | A++→A |





**INSTALLATION ACCESSORIES FOR LED PANELS**
**Suspension wire** for suspended mounting
Catalogue number: **99ACC18**
**Clips for mounting** on plasterboard
Catalogue number: **99ACC21**
**Fasteners** for surface mounting
Catalogue number: **99ACC22**



**Emergency kit** with a possibility for work in an emergency regime more than two hours.

Suitable for mounting in suspended ceiling Armstrong type (in grid ceilings)
**Body:** aluminium | **Light source:** Epistar SMD4014 | **Starting time:** <0.5s | **Power factor:** λ>0.9
LED panels can be dimmed using a suitable dimmable driver and remote control.

~230V | 50/60 Hz | SMD | 120° | Ra≥80 | >15000 | INSTANT 100% | 30000h | Hg | IP 44 | RoHS | EMC | F | CE | 4+1 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LED PANEL
WHITE FRAME COLOUR

NEUTRAL WHITE 4000K | COOL WHITE 6400K | IP40 | DIMMABLE

## LED PANEL

| Catalogue number | Catalogue number with Emergency kit | Product category | Dimmable | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/ Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **92PANEL012W** | **92PANEL012WE** | C | - | 24 | 2400 | 4000 | white | 295 | 295 | 11 | 1/12 | A++→A |
| **92PANEL013W** | **92PANEL013WE** | C | - | 36 | 3600 | 4000 | white | 595 | 295 | 11 | 1/6 | A++→A |
| **92PANEL020W** | **92PANEL020WE** | C | - | 48 | 4800 | 4000 | white | 595 | 595 | 30 | 1/6 | A++→A |
| **92PANEL018W** | **92PANEL018WE** | C | Yes | 45 | 4500 | 4000 | white | 595 | 595 | 9 | 1/5 | A++→A |
| **92PANEL018** | - | F | Yes | 45* | 4500 | 4000 | aluminium | 595 | 595 | 9 | 1/5 | A++→A |
| **92PANEL020CW** | **92PANEL020CWE** | C | - | 48 | 4800 | 6400 | white | 595 | 595 | 30 | 1/6 | A++→A |
| **92PANEL021W** | **92PANEL021WE** | C | - | 48 | 4800 | 4000 | white | 1195 | 295 | 30 | 1/6 | A++→A |





**INSTALLATION ACCESSORIES FOR LED PANELS**
**Suspension wire** for suspended mounting
Catalogue number: **99ACC18**
**Clips for mounting** on plasterboard
Catalogue number: **99ACC21**
**Fasteners** for surface mounting
Catalogue number: **99ACC22**



**Panel frame** for 595/595 mm ceiling mounting white
Catalogue number: **92FRAME020W**

**Panel frame** for 295/1195 mm ceiling mounting white
Catalogue number: **92FRAME021W**

Suitable for mounting in suspended ceiling Armstrong type (in grid ceilings). 99ACC21 and 99ACC22 are suitable only for LED panels with height 9-11mm
**Body:** aluminium | **Light source:** Epistar SMD4014 | **Starting time:** <0.5s | **Power factor:** λ>0.9 | *Until Supply Last | LED panels can be dimmed using a suitable dimmable driver and remote control.

~230V | 50/60 Hz | SMD | 120° | Ra≥80 | >15000 | INSTANT 100% | 30000h | Hg | IP 40 | RoHS COMPLIANT | EMC | F | CE | 4+1 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LED PANEL ROUND
99XLED621
99XLED620
99XLED620CW



LED PANEL ROUND
99XLED615
99XLED614
99XLED614CW



LED PANEL ROUND
99XLED612
99XLED611
99XLED611CW



LED PANEL ROUND
99XLED610
99XLED609
99XLED609CW

LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | IP40

## LED PANELS ROUND STELLAR

| Catalogue number | Catalogue number with Emergency kit | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter (mm) | Height (mm) | Diameter1 (mm) | Packing/ Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **99XLED610** | **99XLED610E** | C | 6 | 330 | 2700 | white | 120 | 18 | 103 | 1/30 | A++→A |
| **99XLED609** | **99XLED609E** | C | 6 | 330 | 4000 | white | 120 | 18 | 103 | 1/30 | A++→A |
| **99XLED609CW** | **99XLED609CWE** | C | 6 | 330 | 6500 | white | 120 | 18 | 103 | 1/30 | A++→A |
| **99XLED612** | **99XLED612E** | C | 12 | 840 | 2700 | white | 170 | 18 | 152 | 1/24 | A++→A |
| **99XLED611** | **99XLED611E** | C | 12 | 840 | 4000 | white | 170 | 18 | 152 | 1/24 | A++→A |
| **99XLED611CW** | **99XLED611CWE** | C | 12 | 840 | 6500 | white | 170 | 18 | 152 | 1/24 | A++→A |
| **99XLED615** | **99XLED615E** | C | 18 | 1350 | 2700 | white | 225 | 18 | 205 | 1/20 | A++→A |
| **99XLED614** | **99XLED614E** | C | 18 | 1350 | 4000 | white | 225 | 18 | 205 | 1/20 | A++→A |
| **99XLED614CW** | **99XLED614CWE** | C | 18 | 1350 | 6500 | white | 225 | 18 | 205 | 1/20 | A++→A |
| **99XLED621** | **99XLED621E** | C | 24 | 1800 | 2700 | white | 295 | 18 | 268 | 1/24 | A++→A |
| **99XLED620** | **99XLED620E** | C | 24 | 1800 | 4000 | white | 295 | 18 | 268 | 1/24 | A++→A |
| **99XLED620CW** | **99XLED620CWE** | C | 24 | 1800 | 6500 | white | 295 | 18 | 268 | 1/20 | A++→A |



**Emergency kit** with a possibility for work in an emergency regime more than two hours.

**Voltage:** 185-240V | **Body:** aluminium | **Light source:** SMD 2835 | **Starting time:** < 0.5s | **Power factor:** 0.55 | Recessed mounted luminaire

~230V | 50/60 Hz | SMD | 120° | Ra≥80 | >10000 | INSTANT 100% | 15000h | Hg | RoHS COMPLIANT | EMC | F | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LED PANEL ROUND



LED PANEL ROUND
DIMMABLE

LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | IP40 | DIMMABLE

## LED PANEL ROUND

| Catalogue number | Catalogue number with Emergency kit | Product category | Dimmable | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter (mm) | Height (mm) | Diameter1 (mm) | Packing/ Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **99LED971** | **99LED971E** | C | | 6 | 350 | 4000 | white | 118 | 17 | 103 | 1/50 | A++→A |
| **99LED971WW** | **99LED971WWE** | C | | 6 | 350 | 2700 | white | 118 | 17 | 103 | 1/50 | A++→A |
| **99LED971CW** | **99LED971CWE** | C | | 6 | 350 | 6400 | white | 118 | 17 | 103 | 1/50 | A++→A |
| **99LED972** | **99LED972E** | C | | 12 | 890 | 4000 | white | 166 | 18 | 151 | 1/30 | A++→A |
| **99LED972WW** | **99LED972WWE** | C | | 12 | 890 | 2700 | white | 166 | 18 | 151 | 1/30 | A++→A |
| **99LED972CW** | **99LED972CWE** | C | | 12 | 890 | 6400 | white | 166 | 18 | 151 | 1/30 | A++→A |
| **99LED973** | **99LED973E** | C | | 18 | 1420 | 4000 | white | 225 | 18 | 205 | 1/20 | A++→A |
| **99LED973WW** | **99LED973WWE** | C | | 18 | 1420 | 2700 | white | 225 | 18 | 205 | 1/20 | A++→A |
| **99LED973CW** | **99LED973CWE** | C | | 18 | 1420 | 6400 | white | 225 | 18 | 205 | 1/20 | A++→A |
| **99LED617D** | **99LED617DE** | C | Yes | 21 | 1680 | 4000 | white | 225 | 21 | 205 | 1/20 | A++→A |
| **99LED974** | **99LED974E** | C | | 24 | 1900 | 4000 | white | 296 | 13 | 275 | 1/20 | A++→A |
| **99LED974WW** | **99LED974WWE** | C | | 24 | 1900 | 2700 | white | 296 | 13 | 275 | 1/20 | A++→A |
| **99LED974CW** | **99LED974CWE** | C | | 24 | 1900 | 6400 | white | 296 | 13 | 275 | 1/20 | A++→A |



**Emergency kit** with a possibility for work in an emergency regime more than two hours.

**Voltage:** 185-240V | **Body:** aluminium | **Reflector:** policarbonate (pc) | **Light source:** Epistar SMD2835 | **Starting time:** <0.5s | **Power factor:** λ>0.8

Easy installation due to handy clips | Recessed mounted luminaire.

~230V | 50/60 Hz | SMD | 120° | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | IP 40 | RoHS COMPLIANT | EMC | 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



## LED PANEL ROUND

99LED621T
99LED620TCW
99LED618T



## LED PANEL ROUND

99LED612T



LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | IP40

UNTIL SUPPLY LAST

## LED PANEL ROUND

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter (mm) | Height (mm) | Diameter1 (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **99LED612T** | F | 9 | 720 | 2700-3000 | white | 142 | 24 | 132 | 1/50 | A++⇨A |
| **99LED618T** | F | 18 | 1440 | 2700-3000 | white | 225 | 24 | 207 | 1/20 | A++⇨A |
| **99LED621T** | F | 24 | 1920 | 2700-3000 | white | 297 | 24 | 277 | 1/20 | A++⇨A |
| **99LED620TCW** | F | 24 | 1920 | 6000-6400 | white | 297 | 24 | 277 | 1/20 | A++⇨A |

**Body:** aluminium | **Reflector:** policarbonate (pc) | **Light source:** Epistar SMD2835 | **Starting time:** <0.5s | **Power factor:** λ>0.8
Easy installation due to handy clips | Recessed mounted luminaire.

~230V | 50/60 Hz | SMD | 120° | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | IP 40 | RoHS COMPLIANT | EMC | F | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY



## LED PANEL ECO

99LED962CW
99LED962
99LED962WW
99LED963CW
99LED963
99LED963WW
99LED964CW
99LED964
99LED964WW



## LED PANEL ECO

99LED960CW
99LED960
99LED960WW
99LED961CW
99LED961
99LED961WW

LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | **IP40**

## LED PANEL ROUND ECO SERIES

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter (mm) | Height (mm) | Diameter1 (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **99LED960CW** | C | 6 | 510 | 6000-6400 | white | 100 | 25 | 77 | 1/100 | A++→A |
| **99LED960** | C | 6 | 510 | 4000-4300 | white | 100 | 25 | 77 | 1/100 | A++→A |
| **99LED960WW** | C | 6 | 510 | 2700-3000 | white | 100 | 25 | 77 | 1/100 | A++→A |
| **99LED961CW** | C | 12 | 1020 | 6000-6400 | white | 141 | 25 | 117 | 1/60 | A++→A |
| **99LED961** | C | 12 | 1020 | 4000-4300 | white | 141 | 25 | 117 | 1/60 | A++→A |
| **99LED961WW** | C | 12 | 1020 | 2700-3000 | white | 141 | 25 | 117 | 1/60 | A++→A |
| **99LED962CW** | C | 18 | 1530 | 6000-6400 | white | 168 | 25 | 143 | 1/60 | A++→A |
| **99LED962** | C | 18 | 1530 | 4000-4300 | white | 168 | 25 | 143 | 1/60 | A++→A |
| **99LED962WW** | C | 18 | 1530 | 2700-3000 | white | 168 | 25 | 143 | 1/60 | A++→A |
| **99LED963CW** | C | 24 | 2040 | 6000-6400 | white | 200 | 25 | 168 | 1/30 | A++→A |
| **99LED963** | C | 24 | 2040 | 4000-4300 | white | 200 | 25 | 168 | 1/30 | A++→A |
| **99LED963WW** | C | 24 | 2040 | 2700-3000 | white | 200 | 25 | 168 | 1/30 | A++→A |
| **99LED964CW** | F | 28* | 2500 | 6000-6400 | white | 220 | 25 | 190 | 1/20 | A++→A |
| **99LED964** | F | 28* | 2500 | 4000-4300 | white | 220 | 25 | 190 | 1/20 | A++→A |
| **99LED964WW** | F | 28* | 2500 | 2700-3000 | white | 220 | 25 | 190 | 1/20 | A++→A |

**Body:** PC | **Reflector:** policarbonate (pc) | **Light source:** Epistar SMD2835 | **Starting time:** <0.5s | **Power factor:** λ>0.8
Easy installation due to handy clips | Recessed mounted luminaire.

*Until Supply Last

~230V | 50/60 Hz | SMD | 160° | Ra≥80 | >25000 | INSTANT 100% | 30000h | Hg | IP 40 | RoHS | EMC | F | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



## LED PANEL ROUND IP44
99LED609IP44
99LED609IP44CW



## LED PANEL ROUND IP44
99LED611IP44
99LED611IP44CW



## LED PANEL ROUND IP44
99LED617IP44
99LED617IP44CW

LED | NEUTRAL WHITE 4000K | COOL WHITE 6400K | **IP44**

## LED PANEL ROUND IP44

| Catalogue number | Catalogue number with Emergency kit | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **99LED609IP44** | **99LED609IP44E** | C | 5 | 400 | 4000 | white | 90 | 21 | 40 | A++→A |
| **99LED609IP44CW** | **99LED609IP44CWE** | C | 5 | 400 | 6500 | white | 90 | 21 | 40 | A++→A |
| **99LED611IP44** | **99LED611IP44E** | C | 12 | 960 | 4000 | white | 175 | 21 | 20 | A++→A |
| **99LED611IP44CW** | **99LED611IP44CWE** | C | 12 | 960 | 6500 | white | 175 | 21 | 20 | A++→A |
| **99LED617IP44** | **99LED617IP44E** | C | 18 | 1440 | 4000 | white | 225 | 21 | 20 | A++→A |
| **99LED617IP44CW** | **99LED617IP44CWE** | C | 18 | 1440 | 6500 | white | 225 | 21 | 20 | A++→A |



**Emergency kit** with a possibility for work in an emergency regime more than two hours.

**Body:** aluminium | **Light source:** SMD 2835 | **Recessed mounted luminaire** | **Beam angle:** 120°| **Driver:** Isolated
Easy installation due to handy clips | Recessed mounted luminaire.

~230V | 50/60 Hz | SMD | 120° | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | RoHS COMPLIANT | EMC | F | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



WATERPROOF LED PANEL ROUND
99LED609IP65
99LED609IP65CW



WATERPROOF LED PANEL ROUND
99LED611IP65
99LED611IP65CW



WATERPROOF LED PANEL ROUND
99LED617IP65
99LED617IP65CW

LED | NEUTRAL WHITE 4000K | COOL WHITE 6400K | **IP65**

## WATERPROOF LED PANEL ROUND

| Catalogue number | Catalogue number with Emergency kit | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **99LED609IP65** | **99LED609IP65E** | C | 5 | 400 | 4000 | white | 88 | 30 | 1/40 | A++→A |
| **99LED609IP65CW** | **99LED609IP65CWE** | C | 5 | 400 | 6500 | white | 88 | 30 | 1/40 | A++→A |
| **99LED611IP65** | **99LED611IP65E** | C | 10 | 800 | 4000 | white | 150 | 27 | 1/40 | A++→A |
| **99LED611IP65CW** | **99LED611IP65CWE** | C | 10 | 800 | 6500 | white | 150 | 27 | 1/40 | A++→A |
| **99LED617IP65** | **99LED617IP65E** | C | 18 | 1440 | 4000 | white | 225 | 27 | 1/20 | A++→A |
| **99LED617IP65CW** | **99LED617IP65CWE** | C | 18 | 1440 | 6500 | white | 225 | 27 | 1/20 | A++→A |



**Emergency kit** with a possibility for work in an emergency regime more than two hours.

**Body:** policarbonate (pc) | **Reflector:** policarbonate (pc) | **Light source:** Epistar | **Starting time:** <0.5s | **Power factor:** λ>0.8

Easy installation due to handy clips | Recessed mounted luminaire.

~230V | 50/60 Hz | SMD | 120° | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | IP 65 | RoHS COMPLIANT | EMC | F | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



SUPER SLIM LED PANELS
WITH SLIDABLE FIXING CLIPS



SUPER SLIM LED PANELS
WITH SLIDABLE FIXING CLIPS

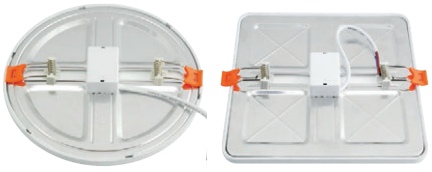


LED NEUTRAL WHITE 4000K **IP40**

## SUPER SLIM LED PANELS WITH SLIDABLE FIXING CLIPS

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter/ Length (mm) | Width (mm) | Height (mm) | Diameter1 (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **99LED934/W** | C | 15 | 1000 | 4000 | white | 173 | | 11 | 50-160 | 1/40 | A++→A |
| **99LED935/W** | C | 15 | 1000 | 4000 | white | 175 | 175 | 20 | 50-160 | 1/40 | A++→A |

**Body:** aluminium | **Light source:** San'an 2835SMD | 175-264V AC | Can by mounted in cut sizes from 50 to 160mm



~230V | 50/60 Hz | SMD 4014 | G13 | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | RoHS COMPLIANT | EMC | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

LED PANEL ROUND OM
99xLED628
99xLED627
99xLED627CW



LED PANEL ROUND OM
99XLED623
99XLED622
99XLED622CW



LED PANEL ROUND OM
99XLED626
99XLED625
99XLED625CW

LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | **IP40**

## LED PANELS ROUND OM STELLAR

| Catalogue number | Catalogue number with Emergency kit | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **99XLED626** | - | C | 12 | 840 | 2700 | white | 165 | 32 | 1/30 | A++→A |
| **99XLED625** | - | C | 12 | 840 | 4000 | white | 165 | 32 | 1/30 | A++→A |
| **99XLED625CW** | - | C | 12 | 840 | 6500 | white | 165 | 32 | 1/30 | A++→A |
| **99XLED623** | **99XLED623E** | C | 18 | 1350 | 2700 | white | 219 | 32 | 1/20 | A++→A |
| **99XLED622** | **99XLED622E** | C | 18 | 1350 | 4000 | white | 219 | 32 | 1/20 | A++→A |
| **99XLED622CW** | **99XLED622CWE** | C | 18 | 1350 | 6500 | white | 219 | 32 | 1/20 | A++→A |
| **99XLED628** | **99XLED628E** | C | 24 | 1800 | 2700 | white | 295 | 32 | 1/20 | A++→A |
| **99XLED627** | **99XLED627E** | C | 24 | 1800 | 4000 | white | 295 | 32 | 1/20 | A++→A |
| **99XLED627CW** | **99XLED627CWE** | C | 24 | 1800 | 6500 | white | 295 | 32 | 1/20 | A++→A |



**Emergency kit** with a possibility for work in an emergency regime more than two hours.

**Voltage:** 185-240V | **Body:** aluminium | **Starting time:** <0.5s | **Power factor:** λ>0.8

OM - surface mounted luminaire

~230V | 50/60 Hz | SMD | 120° | Ra≥80 | >10000 | INSTANT 100% | 15000h | Hg | IP 40 | RoHS COMPLIANT | EMC | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

LED PANEL ROUND OM
99LED623T



LED PANEL ROUND OM
99LED625T



LED PANEL ROUND OM
99LED627



LED PANEL ROUND OM
99LED625



LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | IP40

UNTIL SUPPLY LAST

## LED PANEL ROUND OM

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **99LED625T** | F | 12 | 960 | 2700-3000 | white | 170 | 38 | 1/24 | A++→A |
| **99LED623T** | F | 18 | 1440 | 2700-3000 | white | 225 | 38 | 1/24 | A++→A |
| **99LED625** | F | 13 | 1040 | 2700-3000 | satin nickel | 170 | 38 | 1/40 | A++→A |
| **99LED627** | F | 21 | 1680 | 2700-3000 | satin nickel | 220 | 38 | 1/20 | A++→A |

**Body:** aluminium | **Light source:** Epistar SMD 2835 | **Starting time:** <0.5s | **Power factor:** λ>0.8 | **OM** - surface mounted luminaire

~230V | 50/60 Hz | SMD | 120° | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | IP 40 | RoHS COMPLIANT | EMC | F | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY

## LED PANEL ROUND OM

99LED966CW
99LED966
99LED966WW



## LED PANEL ROUND OM

99LED965CW
99LED965
99LED965WW



LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | **IP40**

## LED PANEL ROUND OM

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **99LED965CW** | C | 18 | 1530 | 6300-6500 | white | 175 | 33 | 1/60 | A++→A |
| **99LED965** | C | 18 | 1530 | 4000-4300 | white | 175 | 33 | 1/60 | A++→A |
| **99LED965WW** | C | 18 | 1530 | 2700-3000 | white | 175 | 33 | 1/60 | A++→A |
| **99LED966CW** | C | 28 | 2500 | 6300-6500 | white | 225 | 33 | 1/20 | A++→A |
| **99LED966** | C | 28 | 2500 | 4000-4300 | white | 225 | 33 | 1/20 | A++→A |
| **99LED966WW** | C | 28 | 2500 | 2700-3000 | white | 225 | 33 | 1/20 | A++→A |

**Voltage:** 185-240V | **Body:** Policarbonate (PC) | **Starting time:** <0.5s | **Power factor:** λ>0.8

**OM** - surface mounted luminaire

~230V | 50/60 Hz | SMD | 120° | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | IP 40 | RoHS | EMC | F | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LED FIXTURES WITH
ADJUSTABLE COLOUR TEMPERATURE
99DS406



LED FIXTURES WITH
ADJUSTABLE COLOUR TEMPERATURE AND SENSOR
99DS407



LED 3000 K 4000 K 6000 K **IP40**

UNTIL SUPPLY **LAST**

## LED FIXTURES WITH ADJUSTABLE COLOUR TEMPERATURE / SENSOR

| Catalogue number | Product category | Sensor | Watt (W) | Whole fixture lumens (lm) | Colour body | Colour temp. (K) | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **99DS406** | F | No | 18 | 1440 | white | 3000 / 4000 / 6000 | 220 | 18.8 | 1/40 | A++>A |
| **99DS407** | F | Yes | 18 | 1440 | white | 3000 / 4000 / 6000 | 220 | 18.8 | 1/40 | A++>A |

**Input Voltage:** 110-240 VAC | **Body:** Alluminium | **Light source:** Sanan SMD2835 | **Starting Time:** <0.5s | **Power factor:** λ>0.9






3 options of colour temperature:
1. Cool White 6000K
2. Neutral White 4000K
3. Warm White 3000K

50/60 Hz | SMD 2835 | 110° | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | IP 40 | RoHS COMPLIANT | EMC | F | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY



92DL840/WH



92DL1240/WH



LED NEUTRAL WHITE 4000K **IP40**

## INDIRECT LED DOWNLIGHTS

| Catalogue number | Catalogue number with Emergency kit | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter (mm) | Height (mm) | Diameter1 (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **92DL840/WH** | **92DL840/WHE** | C | 8 | 320 | 4000K | white | 111 | 35 | 92 | 1/1 | A++→A |
| **92DL1240/WH** | **92DL1240/WHE** | C | 12 | 480 | 4000K | white | 149 | 45 | 130 | 1/1 | A++→A |

**Body:** aluminium



FRONT



BACK



**Emergency kit** with a possibility for work in an emergency regime more than two hours.

~230V | 50/60 Hz | SMD | 60° | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | RoHS COMPLIANT | EMC | F | CE | 4+1 standard +extended | 5 YEAR TOTAL WARRANTY

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## LED PANEL STELLAR SQUARE

99XLED637
99XLED636
99XLED636CW



## LED PANEL STELLAR SQUARE

99XLED635
99XLED634
99XLED634CW



## LED PANEL STELLAR SQUARE

99XLED633
99XLED632
99XLED632CW



## LED PANEL STELLAR SQUARE OM

99XLED969
99XLED970

LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | IP40

## LED PANELS STELLAR SQUARE

| Catalogue number | Catalogue number with Emergency kit | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Length1 (mm) | Width1 (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **99XLED633** | **99XLED633E** | C | 12 | 840 | 2700 | white | 167 | 167 | 18 | 150 | 150 | 1/24 | A++→A |
| **99XLED632** | **99XLED632E** | C | 12 | 840 | 4000 | white | 167 | 167 | 18 | 150 | 150 | 1/24 | A++→A |
| **99XLED632CW** | **99XLED632CWE** | C | 12 | 840 | 6500 | white | 167 | 167 | 18 | 150 | 150 | 1/24 | A++→A |
| **99XLED635** | **99XLED635E** | C | 18 | 1350 | 2700 | white | 221 | 221 | 18 | 200 | 200 | 1/20 | A++→A |
| **99XLED634** | **99XLED634E** | C | 18 | 1350 | 4000 | white | 221 | 221 | 18 | 200 | 200 | 1/20 | A++→A |
| **99XLED634CW** | **99XLED634CWE** | C | 18 | 1350 | 6500 | white | 221 | 221 | 18 | 200 | 200 | 1/20 | A++→A |
| **99XLED637** | **99XLED637E** | C | 24 | 1800 | 2700 | white | 296 | 296 | 18 | 275 | 275 | 1/20 | A++→A |
| **99XLED636** | **99XLED636E** | C | 24 | 1800 | 4000 | white | 296 | 296 | 18 | 275 | 275 | 1/20 | A++→A |
| **99XLED636CW** | **99XLED636CWE** | C | 24 | 1800 | 6500 | white | 296 | 296 | 18 | 275 | 275 | 1/20 | A++→A |
| **99XLED969** | **99XLED969E** | C | 18 | 1350 | 4000 | white | 220 | 220 | 32 | - | - | 1/20 | A++→A |
| **99XLED970** | **99XLED970E** | C | 24 | 1800 | 4000 | white | 300 | 300 | 32 | - | - | 1/20 | A++→A |



**Emergency kit** with a possibility for work in an emergency regime more than two hours.

**Body:** aluminium | **Light source:** SMD 2835 | **Starting time:** <0.5s | **Power factor:** 0.55 | Recessed mounted luminaire

~230V | 50/60 Hz | SMD | 120° | Ra≥80 | >10000 | INSTANT 100% | 15000h | Hg | IP 40 | RoHS | EMC | F | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

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## LED PANEL SQUARE
99LED968CW
99LED968
99LED968WW



## LED PANEL SQUARE
99LED967CW
99LED967
99LED967WW



## LED PANEL SQUARE OM
99LED969CW
99LED969
99LED969WW

LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | **IP40**

## LED PANEL SQUARE

| Catalogue number | Catalogue number with Emergency kit | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Length1 (mm) | Width1 (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **99LED967CW** | **99LED967CWE** | C | 12 | 890 | 6400 | white | 175 | 175 | 13 | 155 | 155 | 1/20 | A++→A |
| **99LED967** | **99LED967E** | C | 12 | 890 | 4000 | white | 175 | 175 | 13 | 155 | 155 | 1/20 | A++→A |
| **99LED967WW** | **99LED967WWE** | C | 12 | 890 | 2700 | white | 175 | 175 | 13 | 155 | 155 | 1/20 | A++→A |
| **99LED968CW** | **99LED968CWE** | C | 18 | 1420 | 6400 | white | 225 | 225 | 13 | 205 | 205 | 1/20 | A++→A |
| **99LED968** | **99LED968E** | C | 18 | 1420 | 4000 | white | 225 | 225 | 13 | 205 | 205 | 1/20 | A++→A |
| **99LED968WW** | **99LED968WWE** | C | 18 | 1420 | 2700 | white | 225 | 225 | 13 | 205 | 205 | 1/20 | A++→A |
| **99LED969CW** | **99LED969CWE** | C | 18 | 1420 | 6400 | white | 220 | 220 | 32 | | | 1/20 | A++→A |
| **99LED969** | **99LED969E** | C | 18 | 1420 | 4000 | white | 220 | 220 | 32 | | | 1/20 | A++→A |
| **99LED969WW** | **99LED969WWE** | C | 18 | 1420 | 2700 | white | 220 | 220 | 32 | | | 1/20 | A++→A |



**Emergency kit** with a possibility for work in an emergency regime more than two hours.

**Body:** aluminium | **Light source:** Epistar SMD | **Starting time:** <0.5s | **Power factor:** λ>0.8

OM - surface mounted luminaire

~230V | 50/60 Hz | SMD | 120° | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | IP 40 | RoHS COMPLIANT | EMC | F | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

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LED PANEL SQUARE
99LED635T



LED PANEL SQUARE
99LED633T
99LED633



LED PANEL SQUARE OM
99LED637T



LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | IP40

UNTIL SUPPLY LAST

## LED PANEL SQUARE

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Length1 (mm) | Width1 (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **99LED633T** | F | 9 | 720 | 2700-3000 | white | 148 | 148 | 21 | 130 | 130 | 1/40 | A++→A |
| **99LED633** | F | 12 | 960 | 2700-3000 | white | 145 | 145 | 21 | 130 | 130 | 1/40 | A++→A |
| **99LED635T** | F | 18 | 1440 | 2700-3000 | white | 218 | 218 | 21 | 200 | 200 | 1/20 | A++→A |
| **99LED637T** | F | 18 | 1440 | 2700-3000 | white | 225 | - | 21 | - | - | 1/24 | A++→A |

**Body:** aluminium | **Light source:** Epistar SMD | **Starting time:** <0.5s | **Power factor:** λ>0.8

**OM** - surface mounted luminaire

~230V | 50/60 Hz | SMD | 120° | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | IP 40 | RoHS COMPLIANT | EMC | F | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY



LED GLASS PANEL ROUND
99LED640
99LED641



LED GLASS PANEL ROUND
99LED638
99LED639



LED GLASS PANEL SQUARE
99LED644
99LED645



LED GLASS PANEL SQUARE
99LED642
99LED643

LED WARM WHITE 2700K NEUTRAL WHITE 4000K **IP40**

## LED GLASS PANELS ROUND / SQUARE

| Catalogue number | Catalogue number with Emergency kit | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter/ Length (mm) | Height (mm) | Diameter1/ Length1 (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **99LED638** | **99LED638E** | C | 6 | 480 | 4000 | white | 100 | 35 | 60 | 1/100 | A++→A |
| **99LED639** | **99LED639E** | C | 6 | 480 | 2700 | white | 100 | 35 | 60 | 1/100 | A++→A |
| **99LED640** | **99LED640E** | C | 18 | 1440 | 4000 | white | 200 | 35 | 148 | 1/20 | A++→A |
| **99LED641** | **99LED641E** | C | 18 | 1440 | 2700 | white | 200 | 35 | 148 | 1/20 | A++→A |
| **99LED642** | **99LED642E** | C | 6 | 480 | 4000 | white | 97 | 40 | 77 | 1/100 | A++→A |
| **99LED643** | **99LED643E** | C | 6 | 480 | 2700 | white | 97 | 40 | 77 | 1/100 | A++→A |
| **99LED644** | **99LED644E** | C | 18 | 1440 | 4000 | white | 200 | 40 | 180 | 1/20 | A++→A |
| **99LED645** | **99LED645E** | C | 18 | 1440 | 2700 | white | 200 | 40 | 180 | 1/20 | A++→A |



**Emergency kit** with a possibility for work in an emergency regime more than two hours.

**Body:** aluminium | **Light source:** Epistar SMD2835 | **Starting time:** <0.5s | **Power factor:** λ>0.8
Easy installation due to handy clips | Recessed mounted luminaire.

~230V 50/60 Hz SMD 120° Ra≥80 >20000 INSTANT 100% 30000h Hg IP 40 RoHS EMC F CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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## RECESSED LED FIXTURE GLOSS
95GLOSS24



## RECESSED LED FIXTURE BRILLIANCE
95BRILLIANCE24



LED | COOL WHITE 6400K | **IP20**

UNTIL SUPPLY LAST

## RECESSED LED FIXTURE GLOSS / BRILLIANCE

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter (mm) | Height (mm) | Diameter 1 (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **95GLOSS24** | F | 24 | 1800 | 6500 | White | 220 | 20 | 205 | 1/20 | A++→A |
| **95BRILLIANCE24** | F | 24 | 1800 | 6500 | White | 220 | 20 | 205 | 1/20 | A++→A |


Gloss


Brilliance


Clips

**Body:** Alluminium| **Reflector:** policarbonate (pc) | **Light source:** Sanan SMD2835 | **Starting time:** <0.5s

Easy installation due to handy clips | Recessed mounted luminaire.

~230V | 50/60 Hz | SMD 2835 | 110° | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | IP 20 | RoHS COMPLIANT | F | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY



IVOR
95IVOR22LED



ASIA
95ASIA24LED



LED NEUTRAL WHITE 4000K **IP40**

## CEILING LAMPS IVOR/ ASIA

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **95IVOR22LED** | C | 22 | 1800 | 4000 | Black+gold | 400 | 100 | 1/1 | A++→A |
| **95ASIA24LED** | C | 24 | 2200 | 4000 | Chrome | 350 | 55 | 1/1 | A++→A |

**Body:** Metal | **Surface mounted luminaire**

~230V | 50/60 Hz | SMD | 160° | Ra>80 | 30000h | Hg | RoHS COMPLIANT | EMC | F | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

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NEOS
95NEOS18LED



REGO
95REGO18LED



LED | NEUTRAL WHITE 4000K | IP40 | DIMMABLE

## CEILING LAMPS REGO / NEOS WITH REMOTE CONTROL

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **95REGO18LED** | C | 18 | 1260 | CCT - adjustable | White | 410 | 90 | 1/5 | A++→A |
| **95NEOS18LED** | C | 18 | 2160 | CCT - adjustable | White &Chrome | 380 | 50 | 1/5 | A++→A |

**Body:** Metal and plastic | **Surface mounted luminaire** | **Beam angle:** Rego- 130°; Neos- 120° | **LED chip:** Rego- SANAN 5730; Neos- SANAN 2835 with LENS




~230V | 50/60 Hz | SMD | Ra>80 | 30000h | Hg | RoHS COMPLIANT | EMC | F | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LUCE
95LUCE24LED
95LUCE36LED



SELENA
95SELENA18LED

LED | NEUTRAL WHITE 4000K | IP40 | DIMMABLE

## CEILING LAMPS SELENA / LUCE WITH REMOTE CONTROL

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **95SELENA18LED** | C | 18 | 1170 | CCT - adjustable | Chrome | 400 | 60 | 1/5 | A++→A |
| **95LUCE24LED** | C | 24 | 1480 | CCT - adjustable | Chrome | 410 | 70 | 1/5 | A++→A |
| **95LUCE36LED** | C | 36 | 2150 | CCT - adjustable | Chrome | 510 | 80 | 1/5 | A++→A |

**Body:** Metal | **Surface mounted luminaire** | **Beam angle:** Luce- 130°; Selena- 120° | **LED chip:** Luce- SANAN 2835 with LENS; Selena- SANAN 5730




~230V | 50/60 Hz | SMD | Ra>80 | 30000h | Hg | RoHS COMPLIANT | EMC | F | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

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SHELLY
95SHELLY18LED/WH



SHELLY
95SHELLY18LED/GR



LED | NEUTRAL WHITE 4000K | IP40 | DIMMABLE

## CEILING LAMPS SHELLY WITH REMOTE CONTROL

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **95SHELLY18LED/WH** | C | 18 | 2160 | CCT - adjustable | White | 400 | 60 | 1/5 | A++→A |
| **95SHELLY18LED/GR** | C | 18 | 2160 | CCT - adjustable | Black | 400 | 60 | 1/5 | A++→A |

**Body:** Metal | **Surface mounted luminaire** | **Beam angle:** 120° | **LED chip:** SANAN 2835 with LENS




~230V | 50/60 Hz | SMD | Ra>80 | 30000h | Hg | RoHS | EMC | F | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

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ASTRA
95ASTRA24LED



LED NEUTRAL WHITE 4000K **IP40**

## CEILING LAMPS ASTRA

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **95ASTRA24LED** | C | 24 | 1440 | 4000 | Chrome | 410 | 90 | 1/1 | A++→A |

**Body:** Metal | **Surface mounted luminaire**

~230V | 50/60 Hz | SMD | 160° | Ra>80 | 30000h | Hg | RoHS COMPLIANT | EMC | F | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

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NEIL
95NEIL14LED/WH



MALIA
95MALIA12LED/WH



MALIA
95MALIA24LED/BL



LED NEUTRAL WHITE 4000K **IP20**

## LED FIXTURES NEIL/ MALIA

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length/ Diameter (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **95NEIL14LED/WH** | C | 14 | 770 | 4200 | white | 240 | | 60 | 1/30 | A++→A |
| **95MALIA12LED/WH** | C | 12 | 660 | 4200 | white | 120 | 130 | | 1/30 | A++→A |
| **95MALIA12LED/BL** | C | 12 | 660 | 4200 | black | 120 | 130 | | 1/30 | A++→A |
| **95MALIA24LED/WH** | C | 24 | 1320 | 4200 | white | 265 | 130 | 100 | 1/20 | A++→A |
| **95MALIA24LED/BL** | C | 24 | 1320 | 4200 | black | 265 | 130 | 100 | 1/20 | A++→A |

**Body:** Aluminium & acrylic | **Light source:** SANAN SMD2835 | **Flicker free** | **Driver:** isolated IC





~230V | 50/60 Hz | SMD | Ra>80 | 30000h | Hg | RoHS | EMC | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



DONUT
95DONUT20LED



DONUT
95DONUT32LED



LED NEUTRAL WHITE 4000K **IP20**

## ROUND CEILING LAMP DONUT

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **95DONUT20LED** | C | 20 | 1300 | 4000 | white | 285 | 80 | 1 | A++→A |
| **95DONUT32LED** | C | 32 | 2000 | 4000 | white | 385 | 95 | 1 | A++→A |

**Body:** Metal+ MS | **Light source:** Nationstar SMD 2835 | **Surface mounted luminaire** | **Beam angle:** 120°

~230V 50/60 Hz SMD Ra>80 30000h Hg RoHS EMC 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



## TRACY SUPER SLIM
95TRACYLEDS20
95TRACYLEDS32



## TRACY SUPER SLIM
95TRACYLED20
95TRACYLED32
95TRACYLED42



## TRACY SUPER SLIM
95TRACYLED80



LED NEUTRAL WHITE 4000K **IP20**

## TRACY SUPER SLIM

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | IP code | Length/Diameter (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **95TRACYLED20** | C | 20 | 1400 | 4000 | white | 20 | 290 | - | 65 | 1/10 | A++→A |
| **95TRACYLED32** | C | 32 | 2400 | 4000 | white | 20 | 390 | - | 65 | 1/10 | A++→A |
| **95TRACYLED42** | C | 42 | 2950 | 4000 | white | 20 | 480 | - | 65 | 1/10 | A++→A |
| **95TRACYLEDS20** | C | 20 | 1400 | 4000 | white | 20 | 280 | 280 | 60 | 1/10 | A++→A |
| **95TRACYLEDS32** | C | 32 | 2400 | 4000 | white | 20 | 330 | 330 | 65 | 1/10 | A++→A |
| **95TRACYLED80** | C | 80 | 6000 | 4000 | white | 20 | 790 | - | 108 | 1/1 | A++→A |

**Material:** Metal bottom and MS cover | **LED driver:** mounted in the body | **Light source:** 2835 SMD

~230V 50/60 Hz SMD Ra>80 30000h Hg RoHS COMPLIANT EMC CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LITE
95LITE12LED
95LITE24LED



SENSOR LIGHT
99DS401



SHINE
95SHINE16LED



SHINE
95SHINE36LED

LED NEUTRAL WHITE 4000K **IP40**

## LITE / SHINE

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | IP code | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **95LITE12LED** | C | 12 | 960 | 4000 | white | 40 | 250 | 250 | 100 | 1/20 | A++→A |
| **95LITE24LED** | C | 24 | 1920 | 4000 | white | 40 | 350 | 350 | 100 | 1/10 | A++→A |
| **99DS401** | C | 12 | 800 | 4000 | white | 40 | 290 | 290 | 80 | 1/10 | A++→A |
| **95SHINE16LED** | C | 16 | 1040 | 4000 | white | 40 | 330 | 330 | 107 | 1/10 | A++→A |
| **95SHINE36LED** | C | 36 | 2340 | 4000 | white | 40 | 480 | 480 | 115 | 1/5 | A++→A |



detail SHINE 16W / 36W

**Body:** polycarbonate | **LED driver:** mounted in the body | **Light source:** EPISTAR
95DS401 - Detection Distance: max. 6m (<24°), Time Delay: 10 sec ± 3 sec to 3 min ± 30 sec (adjustable), Ambient Light: < 3-2000LUX

~230V | 50/60 Hz | SMD | Ra>80 | 30000h | Hg | RoHS | EMC | 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LED WALL LIGHT
95LIGHTS6



LED WALL LIGHT
95LIGHTB6
95LIGHTB12



LED NEUTRAL WHITE 4000K **IP20**

## LED WALL LIGHT

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **95LIGHTS6** | C | 6W | 480 | 4000 | white | 140 | 70 | 1/20 | A++→A |
| **95LIGHTB6** | C | 6W | 480 | 4000 | white | 135 | 45 | 1/36 | A++→A |
| **95LIGHTB12** | C | 12W | 960 | 4000 | white | 180 | 45 | 1/24 | A++→A |


95LIGHTS6


95LIGHTS6


95LIGHTB6 / 95LIGHTB12


95LIGHTB6 / 95LIGHTB12


95LIGHTB6 / 95LIGHTB12

**Body material:** Aluminium | **Light source 95lights6:** Epistar COB | **Light source 95lightb6/9:** Epistar SMD2835

~230V 50/60 Hz Ra>80 30000h Hg RoHS EMC F CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LED WALL LIGHT
ROUND IP54
White / Black / Grey



LED WALL LIGHT
SQUARE IP54
White / Black / Grey



LED WALL LIGHT
ROUNDED IP65
White / Black / Grey

LED NEUTRAL WHITE 4000K **IP54** **IP65**

## LED WALL LIGHT

| Catalogue number | Product category | Watt (W) | Type | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **969LED100R/WH** | C | 2X5W | Round | 900 | 4000 | white | 130 | 110 | 100 | 1/12 | A++→A |
| **969LED100R/BL** | C | 2X5W | Round | 900 | 4000 | black | 130 | 110 | 100 | 1/12 | A++→A |
| **969LED100R/GR** | C | 2X5W | Round | 900 | 4000 | grey | 130 | 110 | 100 | 1/12 | A++→A |
| **969LED100S/WH** | C | 2X5W | Square | 900 | 4000 | white | 100 | 100 | 100 | 1/10 | A++→A |
| **969LED100S/BL** | C | 2X5W | Square | 900 | 4000 | black | 100 | 100 | 100 | 1/10 | A++→A |
| **969LED100S/GR** | C | 2X5W | Square | 900 | 4000 | grey | 100 | 100 | 100 | 1/10 | A++→A |
| **969LEDW12/WH** | C | **2X6W** | Rounded | 1080 | 4000 | white | 175 | 28 | 90 | 1/40 | A++→A |
| **969LEDW12/BL** | C | **2X6W** | Rounded | 1080 | 4000 | black | 175 | 28 | 90 | 1/40 | A++→A |
| **969LEDW12/GR** | C | **2X6W** | Rounded | 1080 | 4000 | grey | 175 | 28 | 90 | 1/40 | A++→A |





**Body material:** Aluminium | **Diffuser:** Glass | **Light source 969led100:** Epistar LED COB **Light source 969LEDW12:** Epistar SMD2835

~230V | 50/60 Hz | Ra>80 | 30000h | Hg | RoHS | EMC | F | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



CABINET LAMP WITH SENSOR
99DS408



LED NIGHT LAMP WITH USB
99USB2



CABINET HINGE LED LIGHT
9HINGE2



LED NEUTRAL WHITE 4000K **IP20**

## CABINET LAMP WITH SENSOR / LED NIGHT LAMP WITH USB

| Catalogue number | Product category | Watt (W) | Colour temp. (K) | Colour body | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **99DS408** | C | 1.5 | 4000 | white | 88 | 26 | 1/50 | A++→A |
| **99USB2** | C | 0.5 | 4000 | white | 90 | 61 | 1/64 | A++→A |
| **9HINGE2** | C | 2 | - | grey | 20 | 48 | 1/300 | A++→A |









High-quality ABS material, environmental-friendly, sturdy and durable to use. Easy to install and convenient to use| Operated by 12V 23A battery (Not included) | When opening the cabinet,lamp will turns on automatically. When closing the cabinet, the light turns off

CABINET LAMP WITH SENSOR - **Mode:** ON/OF & auto | **Battery:** 3 X AAA | **Sensor distance:** max. 4m | **Duration:** 30s | **Sensors:** PIR sensor- workt when light intensity is less than 10lx

LED NIGHT LAMP with USB - **Mode:** ON/OF & auto | **Sensors:** PIR sensor- workt when light intensity is less than 10lx

RoHS COMPLIANT CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***


DOWNLIGHT



ELR627
92627/W



ELR627
92627/SN



ELR627
92627/CH



ELR627
92627/AB



**IP44**

## ELR627 - BATHROOM, IP44

| Catalogue number | Product category | Model | Diameter (mm) | Height (mm) | Diameter1 (mm) | Colour body | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **92627/W** | C | ELR627 | 90 | 33 | 60 | white | 1/100 | A++→E |
| **92627/SN** | C | ELR627 | 90 | 33 | 60 | satin nickel | 1/100 | A++→E |
| **92627/CH** | C | ELR627 | 90 | 33 | 60 | chrome | 1/100 | A++→E |
| **92627/AB** | C | ELR627 | 90 | 33 | 60 | antique brass | 1/100 | A++→E |

**Body:** steel | **Diffuser:** glass

~230V | 12V | 50/60 Hz | max. 50W | IP 44 | RoHS COMPLIANT | III | F | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



SA-144
92144/CH



SA-044
92044/G



SA-144
92144/RAB



**IP44**

UNTIL SUPPLY LAST

## SA

| Catalogue number | Product category | Model | Diameter (mm) | Length (mm) | Height (mm) | Diameter1 (mm) | Colour body | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **92044/G** | F | SA-044 | 80 | - | 37 | 71 | gold | 1/50 | A++→E |
| **92144/CH** | F | SA-144 | - | 85 | 48 | 72 | chrome | 1/50 | A++→E |
| **92144/RAB** | F | SA-144 | - | 85 | 48 | 72 | red antique brass | 1/50 | A++→E |

**Body:** steel | **Diffuser:** glass | **Ring:** aluminium alloy
With the purchase of additional lampholder GU10, spotlights can be used with 230V GU10 lamps.

12V | 50/60 Hz | MR-16 | GU5.3 | max. 50W | IP 20 IP 44 | RoHS COMPLIANT | III | F | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY



CR-776
925776R/GD



CR-776
925776S/GD



**IP20**

UNTIL SUPPLY LAST

## CR-776

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Cutting hole (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **925776R/GD** | F | Spotlight | Chrome and gold | 90 | - | 25 | 60 | 1/50 | A++→E |
| **925776S/GD** | F | Spotlight | Chrome and gold | 90 | 90 | 25 | 60 | 1/50 | A++→E |

**Material:** Aluminium with glass and crystal, **Lamps Not Included**
*Untyl Supply Last

12V | MR-16 | GU5.3 | max. 50W | RoHS COMPLIANT | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

ELMARK

www.elmarkholding.eu



CR-773

925773R/CL



CR-773

925773S/CL



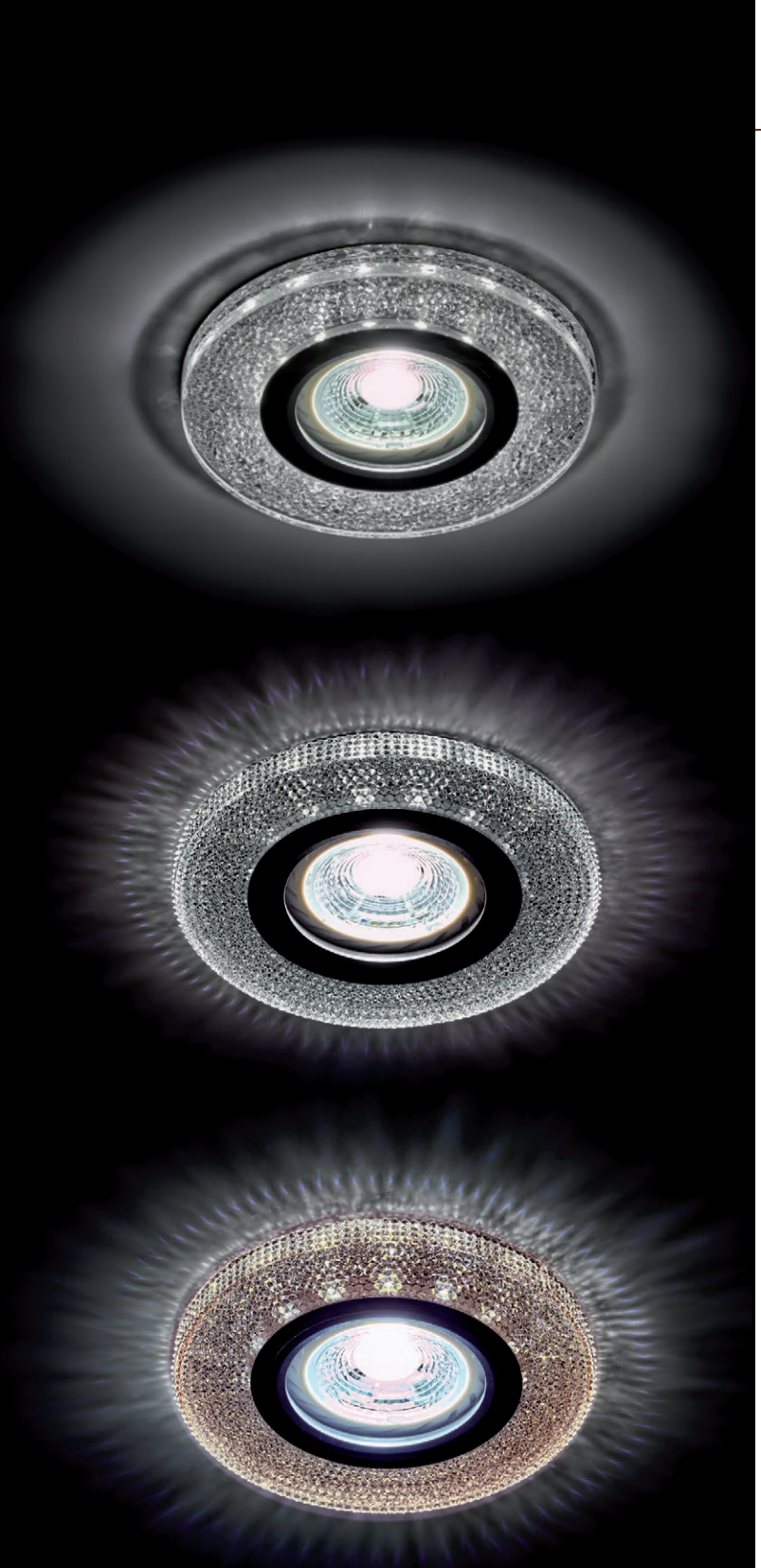
**IP20**

## CR-773

| Catalogue number | Product category | Width/ Diameter (mm) | Length (mm) | Height (mm) | Cutting hole (mm) | Packing/ Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|
| **925773R/CL** | C | 100 | - | 50 | 60 | 1/50 | A++→E |
| **925773S/CL** | C | 105 | 105 | 50 | 60 | 1/50 | A++→E |

**Material:** Stainless steel with crystal, **Lamps Not Included**

12V | MR-16 | GU5.3 | max. 50W | RoHS COMPLIANT | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY



ELMARK

www.elmarkholding.eu



CR-771

925P771R/CL



CR-772

925772S/CL



CR-772

925772S/CF

**IP20**

## CR-771 / CR-772

| Catalogue number | Product category | Watt (W) | Diameter (mm) | Height (mm) | Cutting hole (mm) | Colour temp. (K) | Packing/ Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **925P771R/CL** | C | 3 | 95 | 22 | 60 | 4000K | 1/50 | A++→A |
| **925772S/CL** | C | 3 | 100 | 22 | 60 | 4000K | 1/50 | A++→A |
| **925772S/CF** | C | 3 | 100 | 22 | 60 | 4000K | 1/50 | A++→A |

**Material:** Aluminium & polyester with decorative LED lighting 150lm, **Lamps Not Included,** 3W Driver for LED ring included

12V MR-16 LED GU5.3 RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

ELMARK

www.elmarkholding.eu

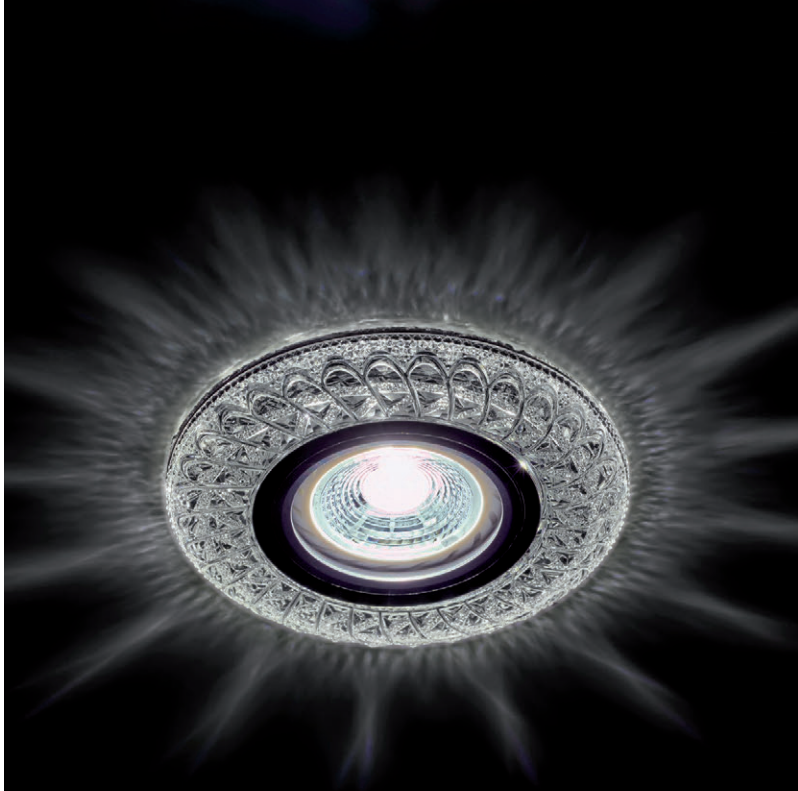




CR-774

925774S/CL





CR-775

925775S/CL

**IP20**

## CR-774 / CR-775

| Catalogue number | Product category | Watt (W) | Diameter (mm) | Height (mm) | Cutting hole (mm) | Colour temp. (K) | Packing/ Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **925774S/CL** | C | 3 | 100 | 22 | 60 | 4000 | 1/50 | A++→A |
| **925775S/CL** | C | 3 | 100 | 22 | 60 | 4000 | 1/50 | A++→A |

**Material:** Aluminium & polyester with decorative LED lighting 150lm, **Lamps Not Included,** 3W Driver for LED ring included

12V MR-16 LED GU53 RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



CR-777
925777R/BK



CR-777
925777S/BK



CR-778
925778R/CL



CR-778
925778S/CL



**IP20**

## CR-777 / CR-778

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Cutting hole (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **925777R/BK** | C | Spotlight | Chrome and black | 90 | - | 22 | 60 | 1/50 | A++→E |
| **925777S/BK** | C | Spotlight | Chrome and black | 90 | 90 | 22 | 60 | 1/50 | A++→E |
| **925778R/CL** | C | Spotlight | Chrome and clear | 90 | - | 32 | 60 | 1/50 | A++→E |
| **925778S/CL** | C | Spotlight | Chrome and clear | 90 | 90 | 32 | 60 | 1/50 | A++→E |

**Material:** Aluminium with glass, **Lamps Not Included**

12V | MR-16 | GU5.3 | max. 50W | RoHS COMPLIANT | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



SA-045
92045R1/WHFR



SA-045
92045S1/WHFR



SA-045
92045R1/BLFR



SA-045
92045S1/BLFR

**IP20**

SA-045

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Cutting hole (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **92045R1/WHFR** | C | Downlight | white | 98 | | 45 | 70 | 1/50 | A++→E |
| **92045R1/BLFR** | C | Downlight | black | 98 | | 45 | 70 | 1/50 | A++→E |
| **92045S1/WHFR** | C | Downlight | white | 92 | 92 | 45 | 70 | 1/50 | A++→E |
| **92045S1/BLFR** | C | Downlight | black | 92 | 92 | 45 | 70 | 1/50 | A++→E |

**Material:** Aluminium with acrylic, **Lamps Not Included. LED bulb only**

12V MR-16 GU5.3 RoHS CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



SA-045
92045S2/WHFR



SA-045
92045S3/WHFR



SA-045
92045S4/WHFR



**IP20**

SA-045

| Catalogue number | Product category | Description | Colour | Width (mm) | Length (mm) | Height (mm) | Cutting hole (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **92045S2/WHFR** | C | Downlight | white | 92 | 182 | 45 | 165x70 | 1/50 | A+→E |
| **92045S3/WHFR** | C | Downlight | white | 95 | 275 | 45 | 240x70 | 1/20 | A+→E |
| **92045S4/WHFR** | C | Downlight | white | 180 | 180 | 45 | 150x150 | 1/20 | A+→E |

**Material:** Aluminium with acrylic, **Lamps Not Included. LED bulb only**

12V MR-16 GU5.3 RoHS CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



SA-045
92045S2/BLFR



SA-045
92045S3/BLFR



SA-045
92045S4/BLFR



**IP20**

SA-045

| Catalogue number | Product category | Description | Colour | Width (mm) | Length (mm) | Height (mm) | Cutting hole (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **92045S2/BLFR** | C | Downlight | black | 92 | 182 | 45 | 165x70 | 1/50 | A++→E |
| **92045S3/BLFR** | C | Downlight | black | 95 | 275 | 45 | 240x70 | 1/20 | A++→E |
| **92045S4/BLFR** | C | Downlight | black | 180 | 180 | 45 | 150x150 | 1/20 | A++→E |

**Material:** Aluminium with acrylic, Lamps Not Included. LED bulb only

12V MR-16 GU5.3 RoHS CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



92GDL05R
92GDL09R



92GDL11R



92GDL06S
92GDL10S



92GDL06SGL



92GDL13S



92GDL14LEDS

**IP20**

## GYPSUM DOWNLIGHTS

| Catalogue number | Product category | Model | Lamp holder | Diameter/ Length (mm) | Diameter 1 (mm) | Width (mm) | Height (mm) | Colour body | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **92GDL05R** | C | round | GU10 | 100 | 90 | - | 40 | white | 1/20 | A++→E |
| **92GDL09R** | C | round | GU10 | 128 | 108 | - | 43 | white | 1/20 | A++→E |
| **92GDL11R** | C | round | GU10 | 131 | 116 | - | 72 | white | 1/20 | A++→E |
| **92GDL06S** | C | square | GU10 | 122 | 107/107 | 122 | 57 | white | 1/20 | A++→E |
| **92GDL10S** | C | square | GU10 | 122 | 107/107 | 122 | 60 | white | 1/20 | A++→E |
| **92GDL06SGL** | C | square with diffuser | GU10 | 120 | 100/100 | 120 | 56 | white | 1/20 | A++→E |
| **92GDL13S** | C | square | GU10 | 120 | 100/100 | 120 | 58 | white | 1/20 | A++→E |
| **92GDL14LEDS** | C | square | LED CREE 1W | 142 | - | 170 | 50 | white | 1/20 | A++→E |



92GDL06S

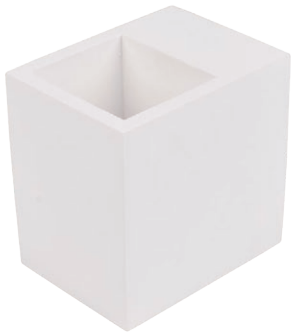
**92GDL14LEDS:** 70 lm/4000K/Beam angle 30°

**Material:** Plaster | Lamp not included
With the purchase of additional lampholder GU10/G9, spotlights can be used with 230V GU10/G9 lamps.

~230V | 50/60 Hz | max. 20W | IP 20 | RoHS | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

92GDL08W



92GDL07W



92GDL12W



92GDL15W

**IP20**

## GYPSUM WALL FUXTURES

| Catalogue number | Product category | Model | Lamp holder | Diameter/ Length (mm) | Width (mm) | Height (mm) | Colour body | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **92GDL07W** | C | square | G9 | 75 | 100 | 100 | white | 1/20 | A++→E |
| **92GDL08W** | C | round | G9 | 70 | 100 | 100 | white | 1/20 | A++→E |
| **92GDL12W** | C | round | G9 | 100 | 180 | 90 | white | 1/20 | A++→E |
| **92GDL15W** | C | round | E27 | 300 | 165 | 120 | white | 1/12 | A++→E |

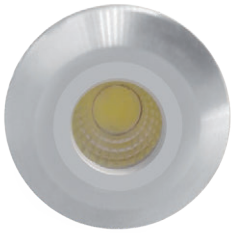


92GDL07W 92GDL08W 92GDL12W

**Material:** Plaster | Lamp not included
With the purchase of additional lampholder GU10/G9, spotlights can be used with 230V GU10/G9 lamps.

~230V | 50/60 Hz | max. 20W | IP 20 | RoHS | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

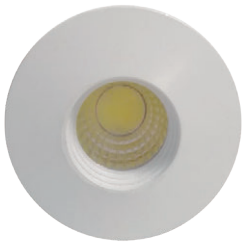
***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



BOUTIQUES MINI LED DOWNLIGHTS
99JR1201WW/SN
99JR1201CW/SN



BOUTIQUES MINI LED DOWNLIGHTS
99JR1202WW/GL
99JR1202CW/GL



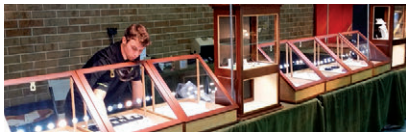
BOUTIQUES MINI LED DOWNLIGHTS
99JR1203WW/WH
99JR1203CW/WH



LED | WARM WHITE 2700K | COOL WHITE 6400K | IP20 | 12V DC

## BOUTIQUES MINI LED DOWNLIGHTS

| Catalogue number | Product category | Wattage (W) | Whole fixture lumens (lm) | Colour temp. (K) | Beam angle | Colour body | Body material | Diameter (mm) | Height (mm) | Diameter1 (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **99JR1201WW/SN** | C | 3 | 150 | 2700-3000 | 30° | satin nickel | aluminium | 48 | 22 | 32 | 1/100 | A+ |
| **99JR1201CW/SN** | C | 3 | 150 | 6000-6400 | 30° | satin nickel | aluminium | 48 | 22 | 32 | 1/100 | A+ |
| **99JR1202WW/GL** | C | 3 | 150 | 2700-3000 | 30° | transparent | PMMA+ aluminium | 45 | 41 | 32 | 1/100 | A+ |
| **99JR1202CW/GL** | C | 3 | 150 | 6000-6400 | 30° | transparent | PMMA+ aluminium | 45 | 41 | 32 | 1/100 | A+ |
| **99JR1203WW/WH** | C | 3 | 150 | 2700-3000 | 30° | white | aluminium | 50 | 43 | 32 | 1/100 | A+ |
| **99JR1203CW/WH** | C | 3 | 150 | 6000-6400 | 30° | white | aluminium | 50 | 43 | 32 | 1/100 | A+ |



Residences, Jewelry, Showrooms, Hotels & Boutiques etc.
**Light source:** LED COB
Easy installation due to handy clips.

12V DC | 50/60 Hz | COB | Ra>80 | >15000 | INSTANT 100% | 30000h | Hg | RoHS COMPLIANT | EMC | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



SA-71
9271/SN-CH



SA-71
9271/PCH-CH



SA-71
9271/GR-CH



SA-91
9291/SN-CH



SA-91
9291/GR-CH



SA-91
9291/PCH-CH

**IP20**

## SA

| Catalogue number | Product category | Model | Fitting | Diameter (mm) | Height (mm) | Diameter1 (mm) | Colour body | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **9271/SN-CH** | C | SA-71 | Fixed | 78 | 25 | 58 | satin nickel/chrome | 1/100 | A++→E |
| **9271/PCH-CH** | C | SA-71 | Fixed | 78 | 25 | 58 | pearl chrome/chrome | 1/100 | A++→E |
| **9271/GR-CH** | C | SA-71 | Fixed | 78 | 25 | 58 | graphite/chrome | 1/100 | A++→E |
| **9291/SN-CH** | C | SA-91 | Movable | 80 | 25 | 72 | satin nickel/chrome | 1/100 | A++→E |
| **9291/PCH-CH** | C | SA-91 | Movable | 80 | 25 | 72 | pearl chrome/chrome | 1/100 | A++→E |
| **9291/GR-CH** | C | SA-91 | Movable | 80 | 25 | 72 | graphite/chrome | 1/100 | A++→E |

**Body:** aluminium alloy
With the purchase of additional lampholder GU10, spotlights can be used with 230V GU10 lamps.

12V | 50/60 Hz | MR-16 | GU5.3 | max. 50W | IP 20 | RoHS COMPLIANT | F | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



SA-70
9270/W



SA-70
9270/CH



SA-70
9270/SN



SA-70
9270/AB



SA-90
9290/W



SA-90
9290/CH



SA-90
9290/SN



SA-90
9290/AB



## IP20

### SA

| Catalogue number | Product category | Model | Fitting | Diameter (mm) | Height (mm) | Diameter1 (mm) | Colour body | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **9270/W** | C | SA-70 | Fixed | 78 | 25 | 58 | white | 1/100 | A++→E |
| **9270/CH** | C | SA-70 | Fixed | 78 | 25 | 58 | chrome | 1/100 | A++→E |
| **9270/SN** | C | SA-70 | Fixed | 78 | 25 | 58 | satin nickel | 1/100 | A++→E |
| **9270/AB** | C | SA-70 | Fixed | 78 | 25 | 58 | antique brass | 1/100 | A++→E |
| **9290/W** | C | SA-90 | Movable | 85 | 25 | 70 | white | 1/100 | A++→E |
| **9290/CH** | C | SA-90 | Movable | 85 | 25 | 70 | chrome | 1/100 | A++→E |
| **9290/SN** | C | SA-90 | Movable | 85 | 25 | 70 | satin nickel | 1/100 | A++→E |
| **9290/AB** | C | SA-90 | Movable | 85 | 25 | 70 | antique brass | 1/100 | A++→E |

**Body:** aluminium alloy
With the purchase of additional lampholder GU10, spotlights can be used with 230V GU10 lamps.

12V | 50/60 Hz | MR-16 | GU5.3 | max. 50W | IP 20 | RoHS COMPLIANT | F | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



SA-702
92702/CH



SA-702H
92702H/G



SA-702H
92702H/SN



**IP20**

UNTIL SUPPLY LAST

## SA

| Catalogue number | Product category | Model | Fitting | Diameter (mm) | Height (mm) | Diameter1 (mm) | Colour body | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **92702/CH** | F | SA-702 | Fixed | 78 | 40 | 58 | chrome | 1/50 | A++→E |
| **92702H/SN** | F | SA-702H | Movable | 78 | 40 | 58 | satin nickel | 1/50 | A++→E |
| **92702H/G** | F | SA-702H | Movable | 78 | 40 | 58 | gold | 1/50 | A++→E |

**Body:** aluminium alloy
With the purchase of additional lampholder GU10, spotlights can be used with 230V GU10 lamps.

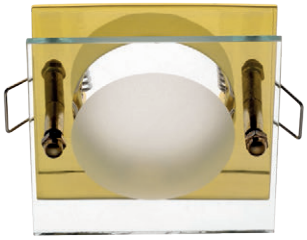
12V | 50/60 Hz | MR-16 | GU5.3 | max. 50W | IP 20 | RoHS COMPLIANT | F | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY



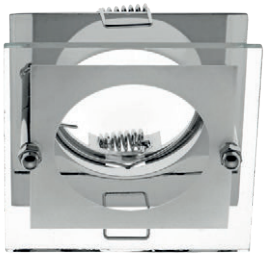
SA-712
92712/CH



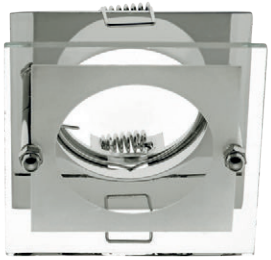
SA-712H
92712/SN



SA-712
92712/G



SA-712H
92712H/CH



SA-712H
92712H/SN



SA-712H
92712H/G



**IP20**

UNTIL SUPPLY LAST

## SA

| Catalogue number | Product category | Model | Fitting | Diameter (mm) | Height (mm) | Diameter1 (mm) | Colour body | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **92712/CH** | F | SA-712 | Fixed | 78 | 40 | 56 | chrome | 1/50 | A++→E |
| **92712/SN** | F | SA-712 | Fixed | 78 | 40 | 56 | satin nickel | 1/50 | A++→E |
| **92712/G** | F | SA-712 | Fixed | 78 | 40 | 56 | gold | 1/50 | A++→E |
| **92712H/CH** | F | SA-712H | Movable | 78 | 40 | 56 | chrome | 1/50 | A++→E |
| **92712H/SN** | F | SA-712H | Movable | 78 | 40 | 56 | satin nickel | 1/50 | A++→E |
| **92712H/G** | F | SA-712H | Movable | 78 | 40 | 56 | gold | 1/50 | A++→E |

**Body:** aluminium alloy
With the purchase of additional lampholder GU10, spotlights can be used with 230V GU10 lamps.

12V | 50/60 Hz | MR-16 | GU5.3 | max. 50W | IP 20 | RoHS COMPLIANT | F | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY



SA-710
9271/G



SA-910
9291/G



SIM-5
9205/G



SIM-55
9255/G



**IP20**

UNTIL SUPPLY LAST

## SIM / SA

| Catalogue number | Product category | Model | Diameter (mm) | Height (mm) | Diameter1 (mm) | Colour body | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **9205/G** | F | SIM-5 | 70 | 20 | 56 | gold | 1/100 | A++→E |
| **9255/G** | F | SIM-55 | 70 | 23 | - | gold | 1/100 | A++→E |
| **9271/G** | F | SA-710 | 78 | 30 | 60 | gold | 1/100 | A++→E |
| **9291/G** | F | SA-910 | 84 | 23 | 66 | gold | 1/100 | A++→E |

**Body:** aluminium alloy

12V | 50/60 Hz | JC | G4 | max. 20W | IP 20 | RoHS COMPLIANT | III | F | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY



89144



89147



89151



89152



**IP20**

UNTIL SUPPLY LAST

## PLASTIC DOWNLIGHTS

| Catalogue number | Product category | Model | Diameter -Length (mm) | Height (mm) | Diameter1 (mm) | Colour body | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **89151** | F | PLM- 92W | 90 | 32 | 70 | white | 1/1 | A++→E |
| **89152** | F | PLS- 92W | 90 | 30 | 70 | white | 1/1 | A++→E |
| **89147** | F | PSQ- 92W | 92/92 | 25 | 74 | white | 1/1 | A++→E |
| **89144** | F | PLW- 92W | 92/172 | 27 | 2X73 | white | 1/1 | A++→E |

**Body:** Plastic | **Lamp not included**

~230V | 12V | 50/60 Hz | max. 20W | IP 20 | RoHS COMPLIANT | F | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY


89153


89145


89154


89156


89155



**IP20**

UNTIL SUPPLY LAST

## DOWNLIGHTS

| Catalogue number | Product category | Material | Model | Diameter -Length (mm) | Height (mm) | Diameter1 (mm) | Colour body | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **89145** | F | Plastic | PLQQ- 92W | 93/93 | 30 | 70 | white | 1/1 | A++→E |
| **89153** | F | Metal | MS- 92CH | 85/85 | 26 | 70 | chrome | 1/1 | |
| **89155** | F | Metal | MR- 92CH | 79 | 33 | 69 | chrome | 1/1 | |
| **89154** | F | Metal | MS- 92SN | 85/85 | 27 | 70 | satin nickel | 1/1 | |
| **89156** | F | Metal | MR- 92SN | 80 | 30 | 70 | satin nickel | 1/1 | |

Lamp not included

~230V 12V 50/60 Hz max. 20W IP 20 RoHS F CE 2+0 standard +extended 2 YEAR TOTAL WARRANTY



SAS-11
9211/G



SAS-12
9212/G



SAS-12
9212/AB



**IP20**

UNTIL SUPPLY LAST

## SAS

| Catalogue number | Product category | Model | Diameter (mm) | Height (mm) | Diameter1 (mm) | Colour body | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **9211/G** | F | SAS-11 | 32 | 33 | 25 | gold | 1/1 | A++→E |
| **9212/G** | F | SAS-12 | 27 | 27 | 24 | gold | 1/1 | A++→E |
| **9212/AB** | F | SAS-12 | 27 | 27 | 24 | antique brass | 1/1 | A++→E |

**Body:** aluminium alloy

12V 50/60 Hz JC G4 max. 20W IP 20 RoHS F CE 2+0 standard +extended 2 YEAR TOTAL WARRANTY



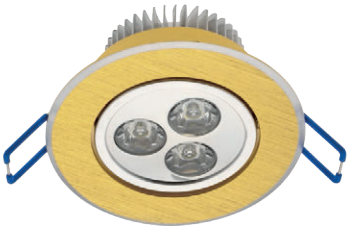
SA-914
92914WW/SN



SA-914
92914WH/G
92914WW/G



SA-914
92914WH/GR
92914WW/GR



SA-913
92913WH/G
92913WW/G



SAS-14
9214WH/G
9214WW/G

LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | IP40

UNTIL SUPPLY LAST

## SAS

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter (mm) | Height (mm) | Diameter1 (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **9214WH/G** | F | 1 | 80 | 4000-4300 | gold | 60 | 21 | 50 | 1/100 | A++→A |
| **9214WW/G** | F | 1 | 80 | 2700-3000 | gold | 60 | 21 | 50 | 1/100 | A++→A |
| **92913WH/G** | F | 3 | 240 | 4000-4300 | gold | 88 | 40 | 65 | 1/100 | A++→A |
| **92913WW/G** | F | 3 | 240 | 2700-3000 | gold | 88 | 40 | 65 | 1/100 | A++→A |
| **92914WW/SN** | F | 3 | 240 | 2700-3000 | satin nickel | 90 | 41 | 70 | 1/100 | A++→A |
| **92914WH/G** | F | 3 | 240 | 4000-4300 | gold | 90 | 41 | 70 | 1/100 | A++→A |
| **92914WW/G** | F | 3 | 240 | 2700-3000 | gold | 90 | 41 | 70 | 1/100 | A++→A |
| **92914WH/GR** | F | 3 | 240 | 4000-4300 | graphite | 90 | 41 | 70 | 1/100 | A++→A |
| **92914WW/GR** | F | 3 | 240 | 2700-3000 | graphite | 90 | 41 | 70 | 1/100 | A++→A |

**Body:** aluminium alloy | **Light source:** Epistar
LED recessed round spotlight. Easy installation due to handy clips.

~230V | 50/60 Hz | High power | 60° | Ra>80 | >15000 | INSTANT 100% | 30000h | Hg | IP 20 | RoHS COMPLIANT | EMC | F | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY



92DL840/WH



92DL1240/WH



LED NEUTRAL WHITE 4000K **IP40**

## INDIRECT LED DOWNLIGHTS

| Catalogue number | Catalogue number with Emergency kit | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter (mm) | Height (mm) | Diameter1 (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **92DL840/WH** | **92DL840/WHE** | C | 8 | 320 | 4000K | white | 111 | 35 | 92 | 1/1 | A+⁺→A |
| **92DL1240/WH** | **92DL1240/WHE** | C | 12 | 480 | 4000K | white | 149 | 45 | 130 | 1/1 | A+⁺→A |

**Body:** aluminium



FRONT



BACK



**Emergency kit** with a possibility for work in an emergency regime more than two hours.

~230V 50/60 Hz SMD 60° Ra≥80 >20000 INSTANT 100% 30000h Hg RoHS EMC F CE 4+1 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



92FLD1530/WH
92FLD1540/WH
92FLD1565/WH



92FLD2530/WH
92FLD2540/WH
92FLD2565/WH



92FLD3530/WH
92FLD3540/WH
92FLD3565/WH

LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | **IP44**

## DEEP RECESSED LED DOWNLIGHT, IP44

| Catalogue number | Catalogue number with Emergency kit | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter (mm) | Height (mm) | Diameter1 (mm) | Packing/ Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **92FLD1530/WH** | **92FLD1530/WHE** | C | 15 | 1350 | 3000 | white | 128 | 70 | 108 | 1/40 | A++→A |
| **92FLD1540/WH** | **92FLD1540/WHE** | C | 15 | 1350 | 4000 | white | 128 | 70 | 108 | 1/40 | A++→A |
| **92FLD1565/WH** | **92FLD1565/WHE** | C | 15 | 1350 | 6500 | white | 128 | 70 | 108 | 1/40 | A++→A |
| **92FLD2530/WH** | **92FLD2530/WHE** | C | 25 | 2250 | 3000 | white | 183 | 97 | 165 | 1/20 | A++→A |
| **92FLD2540/WH** | **92FLD2540/WHE** | C | 25 | 2250 | 4000 | white | 183 | 97 | 165 | 1/20 | A++→A |
| **92FLD2565/WH** | **92FLD2565/WHE** | C | 25 | 2250 | 6500 | white | 183 | 97 | 165 | 1/20 | A++→A |
| **92FLD3530/WH** | **92FLD3530/WHE** | C | 35 | 3150 | 3000 | white | 220 | 100 | 195 | 1/20 | A++→A |
| **92FLD3540/WH** | **92FLD3540/WHE** | C | 35 | 3150 | 4000 | white | 220 | 100 | 195 | 1/20 | A++→A |
| **92FLD3565/WH** | **92FLD3565/WHE** | C | 35 | 3150 | 6500 | white | 220 | 100 | 195 | 1/20 | A++→A |

**Body:** aluminium | **Reflector:** plastic



FRONT



BACK



**Emergency kit** with a possibility for work in an emergency regime more than two hours.

~230V | 50/60 Hz | SMD | 100° | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | IP 44 | RoHS COMPLIANT | EMC | F | CE | 4+1 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



SIM-1552



SIM-155



SIM-1553



SIM-255

**IP20**

UNTIL SUPPLY LAST

## SIM

| Catalogue number | Product category | Model | Length (mm) | Width (mm) | Height (mm) | Colour body | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **92255/CH** | F | SIM-255 | 130 | 130 | 40 | chrome | 1/50 | A++→E |
| **92255/AB** | F | SIM-255 | 130 | 130 | 40 | antique brass | 1/50 | A++→E |
| **92255/G** | F | SIM-255 | 130 | 130 | 40 | gold | 1/50 | A++→E |
| **92255K/G** | F | SIM-255 with key | 130 | 130 | 40 | gold | 1/50 | A++→E |
| **92155/CH** | F | SIM-155 | 82 | 132 | 85 | chrome | 1/50 | A++→E |
| **92155/SN** | F | SIM-155 | 82 | 132 | 85 | satin nickel | 1/50 | A++→E |
| **92155/AB** | F | SIM-155 | 82 | 132 | 85 | antique brass | 1/50 | A++→E |
| **92155/G** | F | SIM-155 | 82 | 132 | 85 | gold | 1/50 | A++→E |
| **92155K/SN** | F | SIM-155 with key | 82 | 132 | 85 | satin nickel | 1/50 | A++→E |
| **921552K/SN** | F | SIM-1552 with key | 450 | 130 | 80 | satin nickel | 1/50 | A++→E |
| **921553K/SN** | F | SIM-1553 with key | 600 | 130 | 80 | satin nickel | 1/50 | A++→E |



SIM-255 with key



SIM-155 with key

**Body:** stainless steel | **Model SIM-255K** - with switch

12V | 50/60 Hz | JC | G4 | max. 20W | IP 20 | RoHS | F | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY



GL 222



GL 221



GL FILM



RDL60COB

LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | IP40

UNTIL SUPPLY LAST

## GL

| Catalogue number | Product category | Model | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter (mm) | Height (mm) | Diameter1 (mm) | Packing/ Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **92LED221WW** | F | GL 221 | 12X1W | 960 | 2700-3000 | aluminium | 135 | 66 | 120 | 1/20 | A++→A |
| **92LED222WH** | F | GL 222 | 18X1W | 1260 | 4000-4300 | aluminium | 160 | 95 | 145 | 1/12 | A++→A |
| **92LED222WW** | F | GL 222 | 18X1W | 1260 | 2700-3000 | aluminium | 160 | 95 | 145 | 1/12 | A++→A |
| **92LED215WH** | F | GL FILM | 5 | 375 | 4000-5000 | white | 125 | 70 | 110 | 1/20 | A++→A |
| **92LED215WW** | F | GL FILM | 5 | 375 | 2700-3000 | white | 125 | 70 | 110 | 1/20 | A++→A |
| **92LED216WH** | F | GL FILM | 10 | 750 | 4000-5000 | white | 165 | 70 | 140 | 1/20 | A++→A |
| **92DL62040** | F | RDL 60 COB | 20 | 1800 | 4000-4300 | white | 140 | 97 | 120 | 1/12 | A++→A |

**Body:** aluminium | **Diffuser:** glass | **Light source:** Epistar
**Power factor:** λ>0.9 | **Starting time:** <0.5s | LED recessed round downlight COB. Easy installation due to handy clips.

~230V | 50/60 Hz | COB | 90° | Ra>80 | 30000h | >20000 | INSTANT 100% | Hg | IP 40 | RoHS COMPLIANT | EMC | F | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY



GL 201E
satin nickel / white



GL 202E
satin nickel / white



GL 203E
satin nickel / white



GL205E
satin nickel / white



GL 204E
satin nickel / white



GL103E
satin nickel / white

LED WARM WHITE 2700K NEUTRAL WHITE 4000K **IP44**

UNTIL SUPPLY LAST

## DOWNLIGHT SET WITH LED STICK LAMPS

| Catalogue number 4000K | Catalogue number 2700K | Product category | Type | Watt (W) | LED lamp lumens (lm) | Socket type | Colour body | Diameter (mm) | Height (mm) | Diameter1 (mm) | Packing/ Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **92201LEDW/SN** | **92201LEDWW/SN** | F | GL201E | 2X9 | 2x750 | E27 | satin nickel | 226 | 110 | 210 | 1/12 | A+ A++→A |
| **92201LEDW/W** | **92201LEDWW/W** | F | GL201E | 2X9 | 2x750 | E27 | white | 226 | 110 | 210 | 1/12 | A+ A++→A |
| **92202LEDW/SN** | **92202LEDWW/SN** | F | GL202E | 2X9 | 2x750 | E27 | satin nickel | 226 | 110 | 210 | 1/12 | A+ A++→A |
| **92202LEDW/W** | **92202LEDWW/W** | F | GL202E | 2X9 | 2x750 | E27 | white | 226 | 110 | 210 | 1/12 | A+ A++→A |
| **92203LEDW/SN** | **92203LEDWW/SN** | F | GL203E | 2X9 | 2x750 | E27 | satin nickel | 235 | 110 | 210 | 1/12 | A+ A++→A |
| **92203LEDW/W** | **92203LEDWW/W** | F | GL203E | 2X9 | 2x750 | E27 | white | 235 | 110 | 210 | 1/12 | A+ A++→A |
| **92204LEDW/SN** | **92204LEDWW/SN** | F | GL204E | 2X9 | 2x750 | E27 | satin nickel | 230 | 110 | 210 | 1/12 | A+ A++→A |
| **92204LEDW/W** | **92204LEDWW/W** | F | GL204E | 2X9 | 2x750 | E27 | white | 230 | 110 | 210 | 1/12 | A+ A++→A |
| **92205LEDW/SN** | **92205LEDWW/SN** | F | GL205E | 2X9 | 2x750 | E27 | satin nickel | 225 | 110 | 210 | 1/12 | A+ A++→A |
| **92205LEDW/W** | **92205LEDWW/W** | F | GL205E | 2X9 | 2x750 | E27 | white | 225 | 110 | 210 | 1/12 | A+ A++→A |
| **92103LEDW/TCH** | **92103LEDWW/TCH** | F | GL103E | 2X9 | 2x750 | E27 | satin nickel | 190 | 100 | 170 | 1/12 | A+ A++→A |
| **92103LEDW/W** | **92103LEDWW/W** | F | GL103E | 2X9 | 2x750 | E27 | white | 190 | 100 | 170 | 1/12 | A+ A++→A |



Downlight



LED STICKS LAMP



LED STICKS LAMP



White

Satin nickel

~230V | 50/60 Hz | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | IP 44 | RoHS | EMC | F | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY



GL 206E
satin nickel / white



GL 210E
satin nickel / white



GL 213E
satin nickel / white



GL 214E
satin nickel / white



GL 211E
satin nickel / white



GL 120E
satin nickel / white

LED WARM WHITE 2700K NEUTRAL WHITE 4000K **IP44**

UNTIL SUPPLY LAST

## DOWNLIGHT SET WITH LED STICK LAMPS

| Catalogue number 4000K | Catalogue number 2700K | Product category | Type | Watt (W) | LED lamp lumens (lm) | Socket type | Colour body | Diameter (mm) | Height (mm) | Diameter1 (mm) | Packing/ Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **92206LEDW/GH** | **92206LEDWW/GH** | F | GL206E | 2X9 | 2x750 | E27 | graphite/chrome | 225 | 110 | 210 | 1/12 | A+ A++→A |
| **92206LEDW/SH** | **92206LEDWW/SH** | F | GL206E | 2X9 | 2x750 | E27 | satin nickel/chrome | 225 | 110 | 210 | 1/12 | A+ A++→A |
| **92210LEDW/SN** | **92210LEDWW/SN** | F | GL210E | 2X9 | 2x750 | E27 | satin nickel | 228 | 110 | 210 | 1/12 | A+ A++→A |
| **92210LEDW/W** | **92210LEDWW/W** | F | GL210E | 2X9 | 2x750 | E27 | white | 228 | 110 | 210 | 1/12 | A+ A++→A |
| **92211LEDW/SN** | **92211LEDWW/SN** | F | GL211E | 2X9 | 2x750 | E27 | white | 230 | 110 | 210 | 1/12 | A+ A++→A |
| **92211LEDW/W** | **92211LEDWW/W** | F | GL211E | 2X9 | 2x750 | E27 | satin nickel | 230 | 110 | 210 | 1/12 | A+ A++→A |
| **92213LEDW/SN** | **92213LEDWW/SN** | F | GL213E* | 2X9 | 2x750 | E27 | satin nickel | 266 | 65 | - | 1/12 | A+ A++→A |
| **92213LEDW/W** | **92213LEDWW/W** | F | GL213E* | 2X9 | 2x750 | E27 | white | 266 | 65 | - | 1/12 | A+ A++→A |
| **92214LEDW/SN** | **92214LEDWW/SN** | F | GL214E* | 2X9 | 2x750 | E27 | satin nickel | 240 | 60 | - | 1/12 | A+ A++→A |
| **92214LEDW/W** | **92214LEDWW/W** | F | GL214E* | 2X9 | 2x750 | E27 | white | 240 | 60 | - | 1/12 | A+ A++→A |
| **92120LED6W/TCH** | **92120LED6WW/TCH** | F | GL120E | 1X9 | 750 | E27 | satin nickel | 190 | 200 | 170 | 1/12 | A+ A++→A |
| **92120LED6W/W** | **92120LED6WW/W** | F | GL120E | 1X9 | 750 | E27 | white | 190 | 200 | 170 | 1/12 | A+ A++→A |
| **92120LED4W/TCH** | **92120LED4WW/TCH** | F | GL120E | 1X9 | 750 | E27 | satin nickel | 140 | 160 | 120 | 1/12 | A+ A++→A |
| **92120LED4W/W** | **92120LED4WW/W** | F | GL120E | 1X9 | 750 | E27 | white | 140 | 160 | 120 | 1/12 | A+ A++→A |



Downlight



LED STICKS LAMP



LED STICKS LAMP



White

Satin nickel

*surface mounting

~230V 50/60 Hz Ra≥80 >20000 INSTANT 100% 30000h Hg IP 44 RoHS EMC F CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY



## QUAD612
92Q61240WH
92Q61227WH
92Q61240DGR
92Q61227DGR



## QUAD312
92Q31240WH
92Q31227WH



## QUAD412
92Q41240WH
92Q41227WH
92Q41240DGR
92Q41227DGR

LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | **IP20**

UNTIL SUPPLY LAST

## QUAD

| Catalogue number | Product category | Watt | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **92Q31240WH** | F | 3X15W | 3825 | 4000K | white | 490 | 192 | 143 | | A+ A++→A |
| **92Q31227WH** | F | 3X15W | 3825 | 2700K | white | 490 | 192 | 143 | | A+ A++→A |
| **92Q41240WH** | F | 4X15W | 5100 | 4000K | white | 342 | 342 | 160 | | A+ A++→A |
| **92Q41227WH** | F | 4X15W | 5100 | 2700K | white | 342 | 342 | 160 | | A+ A++→A |
| **92Q41240DGR** | F | 4X15W | 5100 | 4000K | dark grey | 342 | 342 | 160 | | A+ A++→A |
| **92Q41227DGR** | F | 4X15W | 5100 | 2700K | dark grey | 342 | 342 | 160 | | A+ A++→A |
| **92Q61240WH** | F | 6X15W | 7650 | 4000K | white | 490 | 340 | 140 | | A+ A++→A |
| **92Q61227WH** | F | 6X15W | 7650 | 2700K | white | 490 | 340 | 140 | | A+ A++→A |
| **92Q61240DGR** | F | 6X15W | 7650 | 4000K | dark grey | 490 | 340 | 140 | | A+ A++→A |
| **92Q61227DGR** | F | 6X15W | 7650 | 2700K | dark grey | 490 | 340 | 140 | | A+ A++→A |





white



dark grey

**Body:** aluminium | **Light source:** LED lamp PAR30 LED recessed downlight. Easy installation due to handy clips.

~230V | 50/60 Hz | LED PAR30 | E27 | 38° | Ra>80 | 30000h | >20000 | INSTANT 100% | Hg | IP 20 | RoHS COMPLIANT | EMC | F | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY



SKY TLOM

LED WARM WHITE 2700K NEUTRAL WHITE 4000K COOL WHITE 6400K **IP40**

UNTIL SUPPLY **LAST**

## SKY TLR / SKY TLOM

| Catalogue number WHITE | Catalogue number BLACK | Catalogue number GREY | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Body material | Diameter (mm) | Height (mm) | Beam angle | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **93TLOM180W/BL** | **93TLOM180W/GR** | F | 20 | 1800 | 4000 | aluminium | 130 | 98 | 24° | 1/24 | A++→A |
| **93TLOM180WW/WH** | | **93TLOM180WW/GR** | F | 20 | 1800 | 2700 | aluminium | 130 | 98 | 24° | 1/24 | A++→A |
| **93TLOM180CW/WH** | **93TLOM180CW/BL** | **93TLOM180CW/GR** | F | 20 | 1800 | 6400 | aluminium | 130 | 98 | 24° | 1/24 | A++→A |
| **93TLOM190W/WH** | **93TLOM190W/BL** | **93TLOM190W/GR** | F | 30 | 2700 | 4000 | aluminium | 163 | 145 | 24° | 1/12 | A++→A |
| **93TLOM190WW/WH** | | **93TLOM190WW/GR** | F | 30 | 2700 | 2700 | aluminium | 163 | 145 | 24° | 1/12 | A++→A |
| **93TLOM190CW/WH** | **93TLOM190CW/BL** | **93TLOM190CW/GR** | F | 30 | 2700 | 6400 | aluminium | 163 | 145 | 24° | 1/12 | A++→A |


SKY TLOM


SKY TLOM


white colour


black colour


grey colour

~230V | 50/60 Hz | COB | Ra>80 | 30000h | >20000 | INSTANT 100% | Hg | IP 40 | RoHS | EMC | F | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY



DL-044 SQUARE
92DL044S1/BL



DL-044 SQUARE
92DL044S1/BLWH



DL-044 SQUARE
92DL044S1/GDWH



DL-044 SQUARE
92DL044S1/GDBL



**IP20**

## DL-044 SQUARE

| Catalogue number | Product category | Description | Colour | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **92DL044S1/BL** | C | Downlight | black | 108 | 108 | 100 | 1/30 | A++→E |
| **92DL044S1/BLWH** | C | Downlight | black & white | 108 | 108 | 100 | 1/30 | A++→E |
| **92DL044S1/GDWH** | C | Downlight | gold & white | 108 | 108 | 100 | 1/30 | A++→E |
| **92DL044S1/GDBL** | C | Downlight | gold & black | 108 | 108 | 100 | 1/30 | A++→E |

**Body:** Aluminium | **Lamps Not Included** | **Lamp holder:** GU10

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



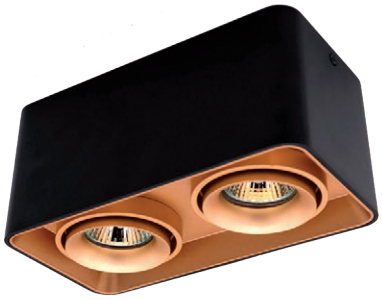
DL-044 SQUARE
92DL044S2/BL



DL-044 SQUARE
92DL044S2/BLWH



DL-044 SQUARE
92DL044S2/GDWH



DL-044 SQUARE
92DL044S2/GDBL

**IP20**

## DL-044 SQUARE

| Catalogue number | Product category | Description | Colour | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **92DL044S2/BL** | C | Downlight | black | 205 | 205 | 100 | 1/10 | A++→E |
| **92DL044S2/BLWH** | C | Downlight | black & white | 205 | 205 | 100 | 1/10 | A++→E |
| **92DL044S2/GDWH** | C | Downlight | gold & white | 205 | 205 | 100 | 1/10 | A++→E |
| **92DL044S2/GDBL** | C | Downlight | gold & black | 205 | 205 | 100 | 1/10 | A++→E |

**Body:** Aluminium | **Lamps Not Included** | **Lamp holder:** GU10

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



SKY TLR



LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | IP40

UNTIL SUPPLY LAST

## SKY TLR / SKY TLOM

| Catalogue number WHITE | Catalogue number BLACK | Catalogue number GREY | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Body material | Diameter (mm) | Height (mm) | Beam angle | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **93TLR503W/WH** | **93TLR503W/BL** | | F | 10 | 900 | 4000 | aluminium | 142 | 105 | 24° | 1/12 | A++→A |
| | **93TLR503WW/BL** | **93TLR503WW/GR** | F | 10 | 900 | 2700 | aluminium | 142 | 105 | 24° | 1/12 | A++→A |
| **93TLR503CW/WH** | **93TLR503CW/BL** | **93TLR503CW/GR** | F | 10 | 900 | 6400 | aluminium | 142 | 105 | 24° | 1/12 | A++→A |
| **93TLR504W/WH** | **93TLR504W/BL** | **93TLR504W/GR** | F | 15 | 1350 | 4000 | aluminium | 142 | 105 | 24° | 1/12 | A++→A |
| **93TLR504WW/WH** | | **93TLR504WW/GR** | F | 15 | 1350 | 2700 | aluminium | 142 | 105 | 24° | 1/12 | A++→A |
| **93TLR504CW/WH** | **93TLR504CW/BL** | **93TLR504CW/GR** | F | 15 | 1350 | 6400 | aluminium | 142 | 105 | 24° | 1/12 | A++→A |


SKY TLR


SKY TLR


white colour


black colour


grey colour

~230V | 50/60 Hz | COB | Ra>80 | 30000h | >20000 | 100% | Hg | IP 40 | RoHS | EMC | F | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



DL-044 ROUND
92DL044R1/WH



DL-044 ROUND
92DL044R1/BL



**IP20**

## DL-044 ROUND

| Catalogue number | Product category | Description | Colour | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|
| **92DL044R1/WH** | C | Downlight | white | 100 | 125 | 1/20 | A++→E |
| **92DL044R1/BL** | C | Downlight | black | 100 | 125 | 1/20 | A++→E |

**Body:** Aluminium | **Lamps Not Included** | **Lamp holder:** GU10

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



FLCOM COB
White



FLCOM COB
Black



LED NEUTRAL WHITE 4000K **IP44**

## FLCOM COB

| Catalogue number WHITE | Catalogue number BLACK | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **92FLCOM1040/WH** | **92FLCOM1040/BL** | C | 10 | 800 | 4000 | 90 | 90 | 1/8 | A++→A |
| **92FLCOM2040/WH** | **92FLCOM2040/BL** | C | 20 | 1600 | 4000 | 110 | 125 | 1/8 | A++→A |
| **92FLCOM3040/WH** | **92FLCOM3040/BL** | C | 30 | 2400 | 4000 | 130 | 155 | 1/8 | A++→A |
| **92FLCOM4040/WH** | **92FLCOM4040/BL** | C | 40 | 3200 | 4000 | 170 | 185 | 1/8 | A++→A |

**Voltage:** 85-265V AC| **Body:** Aluminium | **Beam angle:** 60°| **Mounting:** surface

~230V | 50/60 Hz | COB | 60° | Ra>80 | 30000h | >20000 | INSTANT 100% | Hg | RoHS COMPLIANT | EMC | F | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



RDLOMCOB
92DLOM1040/S
92DLOM1027/S



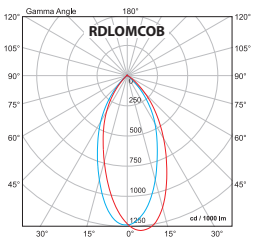
RDLOMCOB
92DLOM2040/S
92DLOM2027/S

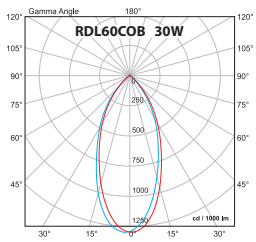
LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | IP40

UNTIL SUPPLY LAST

## RDLOMCOB

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter (mm) | Length (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **92DLOM1040/S** | F | 10 | 800 | 4000-4300 | silver | 95 | 70 | 1/24 | A++→A |
| **92DLOM1027/S** | F | 10 | 800 | 2700-3000 | silver | 95 | 70 | 1/24 | A++→A |
| **92DLOM2040/S** | F | 20 | 1600 | 4000-4300 | silver | 95 | 110 | 1/12 | A++→A |
| **92DLOM2027/S** | F | 20 | 1600 | 2700-3000 | silver | 95 | 110 | 1/12 | A++→A |




**Body:** aluminium | **Light source:** Epistar | **Power factor:** λ>0.9 | **Starting time:** <0.5s
LED surface round downlight COB.

~230V | 50/60 Hz | COB | 60° | Ra>80 | 30000h | >20000 | INSTANT 100% | Hg | IP 40 | RoHS COMPLIANT | EMC | F | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY



FRANCA 90
96FRANCA90/GR



FRANCA 90
96FRANCA90/BL



LED IP55 Resin

## FRANCA

| Catalogue number BLACK body | Product category | Description | Colour | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **96FRANCA90/BL** | C | Ceiling fixtures | black | 3.5 | 400 | 4000 | 95 | 115 | 1xGU10 | 1/30 | A+ A++→A |
| **96FRANCA90/GR** | C | Ceiling fixtures | gray | 3.5 | 400 | 4000 | 95 | 115 | 1xGU10 | 1/30 | A+ A++→A |

**Body material:** Resin| UV resistant | Lamp included







The product is accomplished with a LED bulb which parameters are noted in the chart. If you need any other color temperature or power, we suggest you to purchase the variants compatible to this fixtures separately as follows:

**99XLED727** GU10 LED SMD 3.5W 4000K | **99XLED728** GU10 LED SMD 3.5W 2700K | **99XLED731** GU10 LED SMD 3.5W 6400K

**99LED729** GU10 LED SMD 6.5W 4000K | **99LED730** GU10 LED SMD 6.5W 2700K | **99LED796** GU10 LED SMD 6.5W 6400K

~230V 50/60 Hz 1.5mm² RoHS 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 60 days.***



## RECESED FIXTURES GLOM 222

92GLOM222WH
92GLOM222WW



## RECESED FIXTURES GLOM 223

92GLOM223WW



LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | IP40

UNTIL SUPPLY LAST

## RECESED FIXTURES GLOM

| Catalogue number | Product category | Watt (W) | Whole fixtures lumens (lm) | Colour temp. (K) | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **92GLOM222WH** | F | 18X1 | 1260 | 4000-4300K | 165 | 115 | 1/1 | A++→A |
| **92GLOM222WW** | F | 18X1 | 1260 | 2700-3000K | 165 | 115 | 1/1 | A++→A |

**Body:** Aluminium | **Light source:** Epistar | **Mounting:** surface

~230V | 50/60 Hz | COB | 60° | Ra>80 | 30000h | >20000 | INSTANT 100% | Hg | IP 40 | RoHS COMPLIANT | EMC | F | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY



# TRACK LIGHTING



# NOT FOLDING LED FLOODLIGHT, MINI SERIES

93MFL2230/BL
93MFL2240/BL



LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | IP20 | Ra≥85 | 48V DC

## FOUR POLES MAGNETIC LED FLOODLIGHT, MINI SERIES

| Catalogue number WHITE | Product category Type | | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **93MFL2230/BL** | C | Not folding | 22 | 1672 | 3000 | 120° | 585 | 118 | 1 | A++→A |
| **93MFL2240/BL** | C | Not folding | 22 | 1672 | 4000 | 120° | 585 | 118 | 1 | A++→A |

**Input Voltage:** 48V | PF≥ 0.9 | **LED Source:** OSRAM | **Body material:** Aluminium | **Diffuser material:** PC | **Body colour:** Black

COB | 30000h | >20000 | INSTANT 100% | Hg | RoHS COMPLIANT | EMC | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



# FOLDING LED FLOODLIGHT, MINI SERIES

93MFFL1230/BL
93MFFL1240/BL
93MFFL1830/BL
93MFFL1840/BL



LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | **IP20** | **Ra≥85** | **48V DC**

## FOUR POLES MAGNETIC LED FLOODLIGHT, MINI SERIES

| Catalogue number WHITE | Product category Type | | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **93MFFL1230/BL** | C | Folding | 12 | 856 | 3000 | 120° | 200 | 118 | 1 | A++→A |
| **93MFFL1240/BL** | C | Folding | 12 | 856 | 4000 | 120° | 200 | 118 | 1 | A++→A |
| **93MFFL1830/BL** | C | Folding | 18 | 1317 | 3000 | 120° | 305 | 118 | 1 | A++→A |
| **93MFFL1840/BL** | C | Folding | 18 | 1317 | 4000 | 120° | 305 | 118 | 1 | A++→A |

**Input Voltage:** 48V | PF≥ 0.9 | **LED Source:** OSRAM | **Body material:** Aluminium | **Diffuser material:** PC | **Body colour:** Black

COB | 30000h | >20000 | INSTANT 100% | Hg | RoHS COMPLIANT | EMC | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



## FOUR POLES MAGNETIC LED GRILL LIGHT, MINI SERIES

93MFGL1230/BL
93MFGL1240/BL



## FOUR POLES MAGNETIC LED GRILL LIGHT, MINI SERIES

93MFGL1830/BL
93MFGL1840/BL

LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | IP20 | Ra≥85 | 48V DC

## FOUR POLES MAGNETIC LED GRILL LIGHT, MINI SERIES

| Catalogue number WHITE | Product category | Type | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **93MFGL1230/BL** | C | Folding | 12 | 835 | 3000 | 30° | 200 | 118 | 1 | A++→A |
| **93MFGL1240/BL** | C | Folding | 12 | 835 | 4000 | 30° | 200 | 118 | 1 | A++→A |
| **93MFGL1830/BL** | C | Folding | 18 | 1507 | 3000 | 30° | 305 | 118 | 1 | A++→A |
| **93MFGL1840/BL** | C | Folding | 18 | 1507 | 4000 | 30° | 305 | 118 | 1 | A++→A |

**Input Voltage:** 48V | **LED Source:** OSRAM | **Body material:** Aluminium | **Body colour:** Black

COB | 30000h | >20000 | INSTANT 100% | RoHS COMPLIANT | EMC | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



FOUR POLES MAGNETIC LED LIGHT, MINI SERIES
93MTL0530/BL
93MTL0540/BL



FOUR POLES MAGNETIC LED LIGHT, MINI SERIES
93MTL1030/BL
93MTL1040/BL



FOUR POLES MAGNETIC LED LIGHT, MINI SERIES
93MTL1530/BL
93MTL1540/BL



LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | IP20 | Ra≥85 | 48V DC

## FOUR POLES MAGNETIC LED LIGHT, MINI SERIES

| Catalogue number WHITE | Product category Type | | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **93MTL0530/BL** | C | Folding | 5 | 286 | 3000 | 38° | 125 | 26 | 1 | A++→A |
| **93MTL0540/BL** | C | Folding | 5 | 286 | 4000 | 38° | 125 | 26 | 1 | A++→A |
| **93MTL1030/BL** | C | Folding | 10 | 1230 | 3000 | 38° | 160 | 55 | 1 | A++→A |
| **93MTL1040/BL** | C | Folding | 10 | 1230 | 4000 | 38° | 160 | 55 | 1 | A++→A |
| **93MTL1530/BL** | C | Folding | 15 | 1692 | 3000 | 38° | 200 | 45 | 1 | A++→A |
| **93MTL1540/BL** | C | Folding | 15 | 1692 | 4000 | 38° | 200 | 45 | 1 | A++→A |

**Input Voltage:** 48V | PF≥ 0.9 | **LED Source:** CREE | **Body material:** Aluminium | **Body colour:** Black

COB | 30000h | >20000 | INSTANT 100% | Hg | RoHS COMPLIANT | EMC | CE | 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



# FOUR POLES MAGNETIC LED HANGING LIGHT, MINI SERIES

93MPL1530/BL
93MPL1540/BL

LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | IP20 | Ra≥85 | 48V DC

## FOUR POLES MAGNETIC LED HANGING LIGHT, MINI SERIES

| Catalogue number WHITE | Product category Type | | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **93MPL1530/BL** | C | Hanging | 15 | 1894 | 3000 | 38° | 200 | 45 | 1 | A++→A |
| **93MPL1540/BL** | C | Hanging | 15 | 1894 | 4000 | 38° | 200 | 45 | 1 | A++→A |

**Input Voltage:** 48V | PF≥ 0.9 | **LED Source:** CREE | **Body material:** Aluminium | **Body colour:** Black

COB | 30000h | >20000 | INSTANT 100% | Hg | RoHS COMPLIANT | EMC | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***


93MRBM1/BL


93MROM1/BL


93MA015
93MA011


93MA001


93MA002


93MA003



## FOUR POLES 48V TRACK RAILS AND ACCESSORIES FOR MAGNETIC LIGHTS MINI SERIES

| Catalogue number WHITE | Product category | Type | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) |
|---|---|---|---|---|---|---|
| **93MROM1/BL** | C | track rail OM | 1000 | 30 | 53 | 1 |
| **93MRBM1/BL** | C | track rail BM | 1000 | 30 | 53 | 1 |
| **93MA015** | C | end cap for MRBM | | | | 1 |
| **93MA011** | C | end cap for MROM | | | | 1 |
| **93MA001** | C | L ceiling corner BM | | | | 1 |
| **93MA002** | C | L wall ceiling corner BM | | | | 1 |
| **93MA003** | C | L ceiling corner OM | | | | 1 |
| **93MA004** | C | L wall ceiling corner OM | | | | 1 |
| **93MA013** | C | T ceiling connector BM | | | | 1 |
| **93MA014** | C | T ceiling connector OM | | | | 1 |

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



93MA006



93MA007



93MA008



93MA005



93MA010



93MA012



93MA009

## FOUR POLES ACCESSORIES FOR MAGNETIC LIGHTS MINI SERIES

| Catalogue number WHITE | Product category Type | | Packing/Box (pcs) |
|---|---|---|---|
| **93MA005** | C | I-flexible connector | 1 |
| **93MA007** | C | I-connector | 1 |
| **93MA006** | C | Input adapter | 1 |
| **93MA008** | C | fixture adaptor | 1 |
| **93MA009** | C | Inside connector | 1 |
| **93MA010** | C | mouting plate | 1 |
| **93MA012** | C | hanging wire | 1 |

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



# TWO & FOUR LINES TRACK LIGHTS SKY TLS



LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | **IP40**

UNTIL SUPPLY LAST

## TWO & FOUR LINES TRACK LIGHTS SKY TLS

| Catalogue number WHITE | Catalogue number BLACK | Catalogue number GREY | Product category | Type | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Body material | Diameter (mm) | Height (mm) | Beam angle | Packing/ Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **93TLS503W/WH** | **93TLS503W/BL** | | F | 2 LINES | 10 | 900 | 4000 | aluminium | 142 | 105 | 24° | 1/12 | A++→A |
| | **93TLS503WW/BL** | **93TLS503WW/GR** | F | 2 LINES | 10 | 900 | 2700 | aluminium | 142 | 105 | 24° | 1/12 | A++→A |
| **93TLS503CW/WH** | **93TLS503CW/BL** | **93TLS503CW/GR** | F | 2 LINES | 10 | 900 | 6400 | aluminium | 142 | 105 | 24° | 1/12 | A++→A |
| **93TLS504W/WH** | **93TLS504W/BL** | **93TLS504W/GR** | F | 2 LINES | 15 | 1350 | 4000 | aluminium | 142 | 105 | 24° | 1/12 | A++→A |
| **93TLS504WW/WH** | | **93TLS504WW/GR** | F | 2 LINES | 15 | 1350 | 2700 | aluminium | 142 | 105 | 24° | 1/12 | A++→A |
| **93TLS504CW/WH** | **93TLS504CW/BL** | **93TLS504CW/GR** | F | 2 LINES | 15 | 1350 | 6400 | aluminium | 142 | 105 | 24° | 1/12 | A++→A |
| **934TLS503W/WH** | **934TLS503W/BL** | | F | 4 LINES | 10 | 900 | 4000 | aluminium | 142 | 105 | 24° | 1/12 | A++→A |
| | **934TLS503WW/BL** | | F | 4 LINES | 10 | 900 | 2700 | aluminium | 142 | 105 | 24° | 1/12 | A++→A |
| **934TLS503CW/WH** | **934TLS503CW/BL** | | F | 4 LINES | 10 | 900 | 6400 | aluminium | 142 | 105 | 24° | 1/12 | A++→A |
| **934TLS504W/WH** | **934TLS504W/BL** | | F | 4 LINES | 15 | 1350 | 4000 | aluminium | 142 | 105 | 24° | 1/12 | A++→A |
| **934TLS504WW/WH** | | | F | 4 LINES | 15 | 1350 | 2700 | aluminium | 142 | 105 | 24° | 1/12 | A++→A |
| **934TLS504CW/WH** | **934TLS504CW/BL** | | F | 4 LINES | 15 | 1350 | 6400 | aluminium | 142 | 105 | 24° | 1/12 | A++→A |



SKY TLR



SKY TLR

~230V | 50/60 Hz | COB | Ra>80 | 30000h | >20000 | INSTANT 100% | Hg | IP 40 | RoHS COMPLIANT | EMC | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY



## TWO & FOUR LINES SKY TL5

White / Black

LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | IP40

## TWO & FOUR LINES SKY TL5

| Catalogue number WHITE | Catalogue number BLACK | Product category | Watt (W) | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Diameter (mm) | Height (mm) | Beam angle | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **93TL5LEDW/WH** | **93TL5LEDW/BL** | C | 2 LINES | 6,5 | 500 | 4000 | 57 | 147 | 40° | 1/100 | A+ A++→E |
| **93TL5LEDWW/WH** | **93TL5LEDWW/BL** | C | 2 LINES | 6,5 | 500 | 2700 | 57 | 147 | 40° | 1/100 | A+ A++→E |
| **93TL5** | **93TL5LEDBL** | C | Empty | | | | 57 | 147 | | 1/100 | A++→E |
| **94TL5LEDW/WH** | **94TL5LEDW/BL** | C | 4 LINES | 6,5 | 500 | 4000 | 57 | 147 | 40° | 1/100 | A+ A++→E |
| **94TL5LEDWW/WH** | **94TL5LEDWW/BL** | C | 4 LINES | 6,5 | 500 | 2700 | 57 | 147 | 40° | 1/100 | A+ A++→E |
| **94TL5** | **94TL5LEDBL** | C | Empty | | | | 57 | 147 | | 1/100 | A++→E |

Body: aluminium

~230V | 50/60 Hz | COB | Ra>80 | 30000h | >20000 | INSTANT 100% | IP 40 | RoHS COMPLIANT | EMC | F | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



## TWO LINES SKY TL5016

White / Black / Grey



LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | IP40

UNTIL SUPPLY LAST

## TWO LINES SKY TL5016

| Catalogue number WHITE | Catalogue number BLACK | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Diameter (mm) | Height (mm) | Beam angle | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **93TL5016CW/WH** | **93TL5016CW/BL** | F | 30 | 2400 | 6400 | 120 | 140 | 36° | 1/34 | A++→A |

**Body:** aluminium

~230V | 50/60 Hz | COB | Ra>80 | 30000h | >20000 | INSTANT 100% | Hg | IP 40 | RoHS COMPLIANT | EMC | F | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY



TWO & FOUR LINES SKY FTL
black



TWO & FOUR LINES SKY FTL
white

LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | IP40

## TWO AND FOUR LINES SKY FTL

| Catalogue number WHITE | Catalogue number BLACK | Product category | Type | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Diameter (mm) | Length (mm) | Height (mm) | Beam angle | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **93FTL25WW/WH** | **93FTL25WW/BL** | C | 2 LINES | 25 | 2250 | 3000K | 100 | 140 | 235 | 38° | 1/20 | A++→A |
| **93FTL25W/WH** | **93FTL25W/BL** | C | 2 LINES | 25 | 2250 | 4000K | 100 | 140 | 235 | 38° | 1/20 | A++→A |
| **93FTL25CW/WH** | **93FTL25CW/BL** | C | 2 LINES | 25 | 2250 | 6000K | 100 | 140 | 235 | 38° | 1/20 | A++→A |
| **93FTL35WW/WH** | **93FTL35WW/BL** | C | 2 LINES | 35 | 3150 | 3000K | 100 | 140 | 235 | 38° | 1/20 | A++→A |
| **93FTL35W/WH** | **93FTL35W/BL** | C | 2 LINES | 35 | 3150 | 4000K | 100 | 140 | 235 | 38° | 1/20 | A++→A |
| **93FTL35CW/WH** | **93FTL35CW/BL** | C | 2 LINES | 35 | 3150 | 6000K | 100 | 140 | 235 | 38° | 1/20 | A++→A |
| **934FTL25WW/WH** | **934FTL25WW/BL** | C | 4 LINES | 25 | 2250 | 3000K | 100 | 140 | 235 | 38° | 1/20 | A++→A |
| **934FTL25W/WH** | **934FTL25W/BL** | C | 4 LINES | 25 | 2250 | 4000K | 100 | 140 | 235 | 38° | 1/20 | A++→A |
| **934FTL25CW/WH** | **934FTL25CW/BL** | C | 4 LINES | 25 | 2250 | 6000K | 100 | 140 | 235 | 38° | 1/20 | A++→A |
| **934FTL35WW/WH** | **934FTL35WW/BL** | C | 4 LINES | 35 | 3150 | 3000K | 100 | 140 | 235 | 38° | 1/20 | A++→A |
| **934FTL35W/WH** | **934FTL35W/BL** | C | 4 LINES | 35 | 3150 | 4000K | 100 | 140 | 235 | 38° | 1/20 | A++→A |
| **934FTL35CW/WH** | **934FTL35CW/BL** | C | 4 LINES | 35 | 3150 | 6000K | 100 | 140 | 235 | 38° | 1/20 | A++→A |

**Body:** aluminium



side view black



back view black



side view white



back view white



93SKY01/W

CONNECTOR
TWO LINES RAILS
**White: 93SKY01/W**
**Black: 93SKY01/BL**
**Grey: 93SKY01/G**



93SKY03/W

CONNECTOR
FOUR LINES RAILS
**White: 93SKY03/W**
**Black: 93SKY03/BL**

~230V | 50/60 Hz | COB | Ra>80 | 30000h | >20000 | INSTANT 100% | Hg | IP 40 | RoHS COMPLIANT | EMC | F | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



TWO LINES SKY TL5030
White / Black / Grey



TWO LINES SKY TL5020
White / Black / Grey



LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | IP40

## TWO LINES SKY TL 20W

| Catalogue number WHITE | Catalogue number BLACK | Catalogue number GREY* | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Diameter (mm) | Height (mm) | Beam angle | Packing/ Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **93TL5020W/WH** | **93TL5020W/BL** | | C | 20 | 1800 | 4000 | 93 | 125 | 36° | 1/20 | A++→A |
| **93TL5020WW/WH** | **93TL5020WW/BL** | **93TL5020WW/GR** | C | 20 | 1800 | 2700 | 93 | 125 | 36° | 1/20 | A++→A |
| **93TL5020CW/WH** | **93TL5020CW/BL** | **93TL5020CW/GR** | C | 20 | 1800 | 6400 | 93 | 125 | 36° | 1/20 | A++→A |

LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | IP40

UNTIL SUPPLY LAST

## TWO LINES SKY TL 30W

| Catalogue number WHITE | Catalogue number BLACK | Catalogue number GREY | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Diameter (mm) | Height (mm) | Beam angle | Packing/ Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **93TL5030W/WH** | **93TL5030W/BL** | **93TL5030W/GR** | F | 30 | 2700 | 4000 | 93 | 125 | 36° | 1/20 | A++→A |
| **93TL5030WW/WH** | **93TL5030WW/BL** | **93TL5030WW/GR** | F | 30 | 2700 | 2700 | 93 | 125 | 36° | 1/20 | A++→A |
| **93TL5030CW/WH** | **93TL5030CW/BL** | **93TL5030CW/GR** | F | 30 | 2700 | 6400 | 93 | 125 | 36° | 1/20 | A++→A |

**Body:** aluminium | * Until Supply Last- Product Category F

~230V | 50/60 Hz | COB | Ra>80 | 30000h | >20000 | INSTANT 100% | Hg | IP 40 | RoHS COMPLIANT | EMC | F | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



SKY TL809
White / Black / Grey



SKY TL808
White / Black / Grey

LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | IP40

## TWO AND FOUR LINES SKY TL

| Catalogue number WHITE | Catalogue number BLACK | Product category | Type | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Length (mm) | Diameter (mm) | Height (mm) | Beam angle | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **93SKY164*** | **93SKY264*** | F | 2L TL809 | 12 | 1080 | 6400 | 130 | 95 | 180 | 38° | 1/1 | A+ A++→E |
| **93TL809/WH** | **93TL809/BL** | C | 2L TL809 | | | empty fixture | 130 | 95 | 180 | | 1/1 | A++→E |
| **93SKY364*** | **93SKY464*** | F | 2L TL808 | 12 | 1080 | 6400 | 150 | 100 | 210 | 38° | 1/1 | A+ A++→E |
| **93SKY1540** | | C | 2L TL809 | 15 | 1275 | 4000 | 130 | 95 | 180 | 90° | 1/1 | A+ A++→E |
| **93SKY1527** | | C | 2L TL809 | 15 | 1275 | 2700 | 130 | 95 | 180 | 90° | 1/1 | A+ A++→E |
| **93SKY1564** | | C | 2L TL809 | 15 | 1275 | 6400 | 130 | 95 | 180 | 90° | 1/1 | A+ A++→E |
| **93SKY3540** | **93SKY4540** | C | 2L TL808 | 15 | 1275 | 4000 | 150 | 100 | 210 | 90° | 1/1 | A+ A++→E |
| **93SKY3527** | **93SKY4527** | C | 2L TL808 | 15 | 1275 | 2700 | 150 | 100 | 210 | 90° | 1/1 | A+ A++→E |
| **93SKY3564** | **93SKY4564** | C | 2L TL808 | 15 | 1275 | 6400 | 150 | 100 | 210 | 90° | 1/1 | A+ A++→E |
| **94SKY1540** | | C | 4L TL809 | 15 | 1275 | 4000 | 130 | 95 | 180 | 90° | 1/1 | A+ A++→E |
| **94SKY1527** | | C | 4L TL809 | 15 | 1275 | 2700 | 130 | 95 | 180 | 90° | 1/1 | A+ A++→E |
| **94SKY1564** | | C | 4L TL809 | 15 | 1275 | 6400 | 130 | 95 | 180 | 90° | 1/1 | A+ A++→E |
| **94SKY3540** | **94SKY4540** | C | 4L TL808 | 15 | 1275 | 4000 | 150 | 100 | 210 | 90° | 1/1 | A+ A++→E |
| **94SKY3527** | **94SKY4527** | C | 4L TL808 | 15 | 1275 | 2700 | 150 | 100 | 210 | 90° | 1/1 | A+ A++→E |
| **94SKY3564** | **94SKY4564** | C | 4L TL808 | 15 | 1275 | 6400 | 150 | 100 | 210 | 90° | 1/1 | A+ A++→E |



15 W Lamp



white colour



12 W Lamp



black colour



12 W Lamp

**Body:** aluminium | **Light source:** LED lamp PAR30 | **Power factor:** λ>0.9 | **Starting time:** <1s

* Until Supply Last

~230V | 50/60 Hz | COB | Ra>80 | 30000h | >20000 | INSTANT 100% | Hg | IP 40 | RoHS COMPLIANT | EMC | F | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



TWO & FOUR LINES CINEMA SKY
White / Black / Grey



TWO & FOUR LINES CINEMA SKY
White / Black / Grey

LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | **IP40**

## TWO AND FOUR LINES CINEMA SKY

| Catalogue number WHITE | Catalogue number BLACK | Catalogue number GREY | Product category | Type | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Diameter (mm) | Height (mm) | Beam angle | Packing/ Box | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **955CINEMACW/WH** | **955CINEMACW/BL** | **955CINEMACW/GR** | F | 2L extendible* | 12 | 1080 | 6400 | 145 | 220 | 38° | 1/6 | A+ A++→E |
| **955CINEMA1CW/WH** | **955CINEMA1CW/BL** | **955CINEMA1CW/GR** | F | 2L fixed* | 12 | 1080 | 6400 | 145 | 220 | 38° | 1/6 | A+ A++→E |
| **955CINEMA15W/WH** | **955CINEMA15W/BL** | **955CINEMA15W/GR** | C | 2L extendible | 15 | 1275 | 4000 | 145 | 220 | 90° | 1/6 | A+ A++→E |
| **955CINEMA15WW/WH** | **955CINEMA15WW/BL** | **955CINEMA15WW/GR** | C | 2L extendible | 15 | 1275 | 2700 | 145 | 220 | 90° | 1/6 | A+ A++→E |
| **955CINEMA15CW/WH** | **955CINEMA15CW/BL** | **955CINEMA15CW/GR** | C | 2L extendible | 15 | 1275 | 6400 | 145 | 220 | 90° | 1/6 | A+ A++→E |
| **955CINEMA115W/WH** | **955CINEMA115W/BL** | **955CINEMA115W/GR** | C | 2L fixed | 15 | 1275 | 4000 | 145 | 220 | 90° | 1/6 | A+ A++→E |
| **955CINEMA115WW/WH** | **955CINEMA115WW/BL** | **955CINEMA115WW/GR** | C | 2L fixed | 15 | 1275 | 2700 | 145 | 220 | 90° | 1/6 | A+ A++→E |
| **955CINEMA115CW/WH** | **955CINEMA115CW/BL** | **955CINEMA115CW/GR** | C | 2L fixed | 15 | 1275 | 6400 | 145 | 220 | 90° | 1/6 | A+ A++→E |
| **94CINEMA15W/WH** | **94CINEMA15W/BL** | | C | 4L extendible | 15 | 1275 | 4000 | 145 | 220 | 90° | 1/6 | A+ A++→E |
| **94CINEMA15WW/WH** | **94CINEMA15WW/BL** | | C | 4L extendible | 15 | 1275 | 2700 | 145 | 220 | 90° | 1/6 | A+ A++→E |
| **94CINEMA15CW/WH** | **94CINEMA15CW/BL** | | C | 4L extendible | 15 | 1275 | 6400 | 145 | 220 | 90° | 1/6 | A+ A++→E |
| **94CINEMA115W/WH** | **94CINEMA115W/BL** | | C | 4L fixed | 15 | 1275 | 4000 | 145 | 220 | 90° | 1/6 | A+ A++→E |
| **94CINEMA115WW/WH** | **94CINEMA115WW/BL** | | C | 4L fixed | 15 | 1275 | 2700 | 145 | 220 | 90° | 1/6 | A+ A++→E |
| **94CINEMA115CW/WH** | **94CINEMA115CW/BL** | | C | 4L fixed | 15 | 1275 | 6400 | 145 | 220 | 90° | 1/6 | A+ A++→E |


15 W Lamp


white colour


12 W Lamp


grey colour


12 W Lamp


black colour


12 W Lamp

**Body:** aluminium | **Light source:** LED lamp PAR30 | **Power factor:** λ>0.9 | **Starting time:** <1s | * Until Supply Last

~230V | 50/60 Hz | COB | Ra>80 | 30000h | >20000 | INSTANT 100% | Hg | IP 40 | RoHS | EMC | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



TWO & FOUR LINES SKY
TL 2211
White / Black



TWO & FOUR LINES SKY
TL 2211
White / Black

LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | **IP40**

## TWO AND FOUR LINES SKY TL 2211

| Catalogue number WHITE | Catalogue number BLACK | Product category | Type | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Length (mm) | Diameter (mm) | Height (mm) | Beam angle | Packing/ Box | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **93SKY2211CW/WH** | **93SKY2211CW/BL** | F | 2 LINES* | 12 | 1080 | 6400 | 235 | 100 | 160 | 38° | 1/6 | A+ A++→E |
| **93SKY2215WW/WH** | **93SKY2215WW/BL** | C | 2 LINES | 15 | 1275 | 2700 | 235 | 100 | 160 | 90° | 1/6 | A+ A++→E |
| **93SKY2215W/WH** | **93SKY2215W/BL** | C | 2 LINES | 15 | 1275 | 4000 | 235 | 100 | 160 | 90° | 1/6 | A+ A++→E |
| **93SKY2215CW/WH** | **93SKY2215CW/BL** | C | 2 LINES | 15 | 1275 | 6400 | 235 | 100 | 160 | 90° | 1/6 | A+ A++→E |
| **94SKY2215WW/WH** | **94SKY2215WW/BL** | C | 4 LINES | 15 | 1275 | 2700 | 230 | 100 | 160 | 90° | 1/1 | A+ A++→E |
| **94SKY2215W/WH** | **94SKY2215W/BL** | C | 4 LINES | 15 | 1275 | 4000 | 230 | 100 | 160 | 90° | 1/1 | A+ A++→E |
| **94SKY2215CW/WH** | **94SKY2215CW/BL** | C | 4 LINES | 15 | 1275 | 6400 | 230 | 100 | 160 | 90° | 1/1 | A+ A++→E |



15 W Lamp



12 W Lamp



12 W Lamp



93SKY01/W

CONNECTOR
TWO LINES RAILS
**White: 93SKY01/W**
**Black: 93SKY01/BL**
**Grey: 93SKY01/G**



93SKY03/W

CONNECTOR
FOUR LINES RAILS
**White: 93SKY03/W**
**Black: 93SKY03/BL**

**Body:** aluminium | **Light source:** LED lamp PAR30 | **Power factor:** λ>0.9 | **Starting time:** <1s | *Until Supply Last

~230V | 50/60 Hz | SMD 2835 | Ra>80 | 30000h | >20000 | INSTANT 100% | Hg | IP 40 | RoHS | EMC | F | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



SKY FIXTURES TLOM
White / Black



SKY FIXTURES TLBM
White / Black



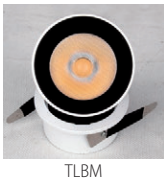
LED NEUTRAL WHITE 4000K **IP40**

## SKY FIXTURES TLOM / TLBM

| Catalogue number WHITE | Catalogue number BLACK | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Body material | Diameter (mm) | Height (mm) | Beam angle | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **93TLOM1540/WH** | **93TLOM1540/BL** | C | 15 | 1350 | 4000K | Aluminum | 55 | 145 | 24° | 1/24 | A++→A |
| **93TLOM3040/WH** | **93TLOM3040/BL** | C | 30 | 2700 | 4000K | Aluminum | 90 | 240 | 24° | 1/15 | A++→A |
| **93TLBM1540/WH** | **93TLBM1540/BL** | C | 15 | 1350 | 4000K | Aluminum | 73 | 118 | 30° | 1/50 | A++→A |



TLBM



TLBM

~230V 50/60 Hz COB Ra>80 30000h >20000 INSTANT 100% Hg IP 40 RoHS COMPLIANT EMC F CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



MH 2000
982000150



MH 2001
98200170
98200170FSCH



**IP21**

UNTIL SUPPLY LAST

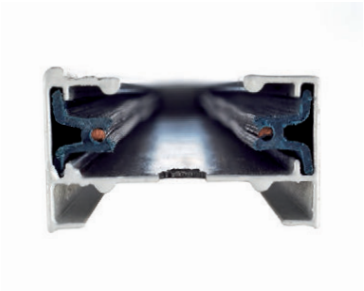
## MH 2000/2001

| Catalogue number | Product category | Model | Watt (W) | Lamp | Colour body | Length (mm) | Width (mm) | Diameter/Height (mm) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **982000150** | F | MH 2000 | - | - | white | 370 | 185 | 190 | A++→C |
| **98200170** | F | MH 2001 | - | - | white | 190 | 215 | 240 | A++→C |
| **98200170FSCH** | F | MH 2001 | 70 | MHL | white | 190 | 215 | 240 | A++→C |

**Body:** aluminium casting | **Ambient Temperature:** -30°C÷ +65°C | **Diffuser:** Tempered glass | Lamp not included

~230V | 50/60 Hz | Rx7s | IP 21 | RoHS | F | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

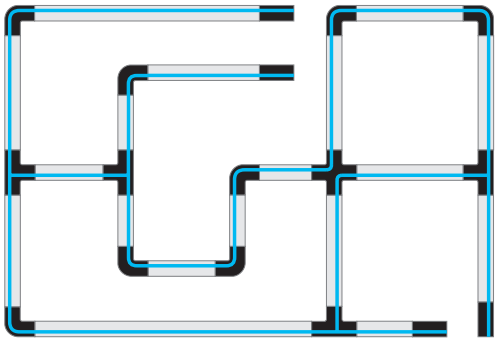




SINGLE-PHASE RAILS

ADAPTER POWER SUPPLY





I - TYPE



L - TYPE



T - TYPE



X - TYPE





**IP20**

## TWO LINES TRACK RAILS AND ADAPTERS

| Catalogue number WHITE | Catalogue number BLACK | Catalogue number GREY* | Product category | Type | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) |
|---|---|---|---|---|---|---|---|---|
| **93101** | **93301** | **93501** | C | SKYWAY 101 track rails | 1000 | 40 | 20 | 1/20 |
| **93102** | **93302** | | C | SKYWAY 102 track rails | 2000 | 40 | 20 | 1/20 |
| **93110** | **93310** | **93510** | C | SKYWAY 110 I-type adapter | 80 | 40 | 20 | 1/100 |
| **93120** | **93320** | **93520** | C | SKYWAY 120 L-type adapter | 70 | 40 | 20 | 1/100 |
| **93130** | **93330** | **93530** | C | SKYWAY 130 T-type adapter | 106 | 40 | 20 | 1/100 |
| **93140** | **93340** | **93540** | C | SKYWAY 140 X-type adapter | 106 | 40 | 20 | 1/100 |

**Body material:** aluminium
* Until Supply Last: Product category F

~230V | 50/60 Hz | max. 10A | IP 20 | RoHS COMPLIANT | F | CE

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



POWER SUPPLY



I - TYPE



L - TYPE



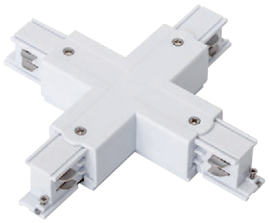
SOFT L - TYPE



FOUR LINES TRACK RAILS



T - TYPE



X - TYPE

**IP20**

## FOUR LINES TRACK RAILS AND ADAPTERS

| Catalogue number WHITE | Catalogue number BLACK | Product category | Type | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) |
|---|---|---|---|---|---|---|---|
| **94101** | **94301** | C | four lines track rails* | 1000 | 33.5 | 42 | 1/10 |
| **94102** | **94302** | C | four lines track rails* | 2000 | 33.5 | 42 | 1/10 |
| **94110** | **94310** | C | four line I-type connector | 160 | 30 | 42 | 1/50 |
| **94120** | **94320** | C | four line L-type connector | 100 | 30 | 100 | 1/70 |
| **94120M** | **94320M** | C | four line soft L-type connector | 100 | 30 | 100 | 1/70 |
| **94130** | **94330** | C | four line T-type connector | 160 | 30 | 100 | 1/50 |
| **94140** | **94340** | C | four line X-type connector | 160 | 30 | 160 | 1/25 |
| **94150** | **94350** | C | four line power supply | 160 | 30 | 42 | 1/100 |
| **94160** | **94360** | C | end cap | | | | 1/100 |

**Material:** track rails- aluminium | **Accessories:** ABS antiflaming + cooper sheet

*four lines track rails come without power supply

~230V | 50/60 Hz | max. 10A | IP 20 | RoHS COMPLIANT | F | CE

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***





NEUTRAL WHITE 4000K

**IP44**

## COMERCIAL LED FIXTURES TRITON

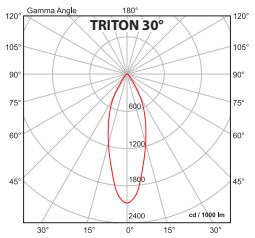
| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Beam angle | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **99TR602640/GR** | C | 26 | 3120 | 4000 | 90° | grey | 600 | 90 | 57,6 | 1/1 | A++→A |
| **99TR903840/GR** | C | 38 | 4560 | 4000 | 90° | grey | 900 | 90 | 57,6 | 1/1 | A++→A |
| **99TR1205040/GR** | C | 50 | 6000 | 4000 | 90° | grey | 1200 | 90 | 57,6 | 1/1 | A++→A |
| **99TR1506440/GR** | C | 64 | 7680 | 4000 | 90° | grey | 1500 | 90 | 57,6 | 1/1 | A++→A |



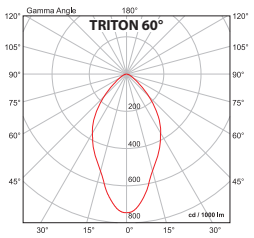


**INSTALATION ACCESSORIES FOR LED PROFILES**
**Suspension wire**
Catalogue number: **99ACC54**

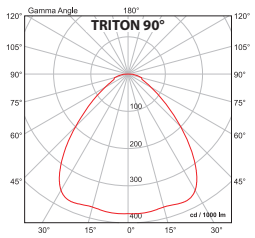
As per personal request, COMERCIAL LED FIXTURES TRITON can be produced with beam angle of 30°, 60° , 25°/25°.



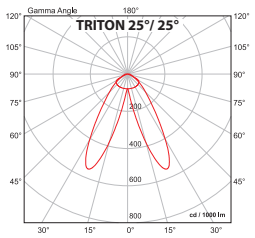

Sharp distribution apply to focusing on objects with tight gap.
Mount up to 20 meters



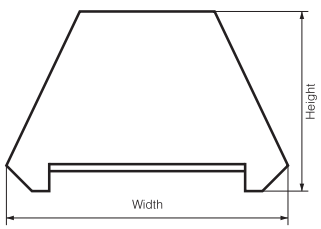

Narrow distribution apply to narrow passageway.
Mount up to 10 meters




Wide distribution apply to wider passageway.
Mount up to 6 meters




Double asymmetric distribution apply to large gap between shelves.
Mount up to 3 meters




**Body:** aluminium | **Reflector:** polycarbonate (PC)

~230V | 50/60 Hz | SMD | 90° | Ra≥80 | >15000 | INSTANT 100% | 50000h | Hg | IP 44 | RoHS COMPLIANT | EMC | F | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days.***



COMMERCIAL LED FIXTURES
95204518



COMMERCIAL LED FIXTURES
95204609
95204550



LED NEUTRAL WHITE 4000K **IP40**

## COMMERCIAL LED FIXTURES

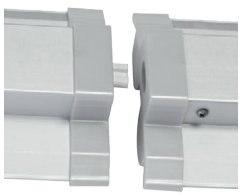
| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Beam angle | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **95204609** | F | 9* | 820 | 4000 | aluminium | 90° | 610 | 65 | 40 | 1/10 | A++→A |
| **95204518** | F | 18* | 1640 | 4000 | aluminium | 120° | 605 | 100 | 43 | 1/10 | A++→A |
| **95204550** | C | 50 | 4800 | 4000 | aluminium | 120° | 1200 | 75 | 35 | 1/10 | A++→A |

**Body:** Alu+PC | **Light source:** SMD2835| **Input voltage:** 220-240V | **Mounting:** Surface

* Until Supply Last - 3 year standard + extended warranty







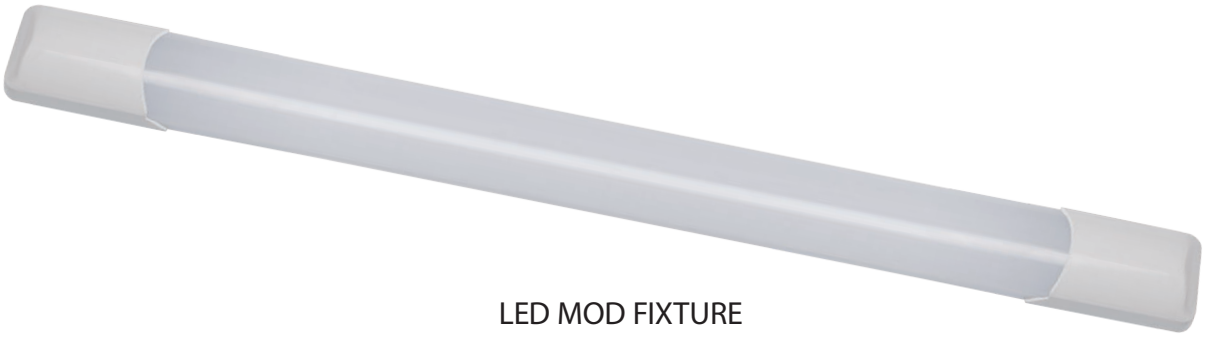


Wire and fittings for hanging mounting 2,5m
2 pcs/ pack
92ACC03

**Body:** Alu+PC | **Light source:** SMD2835| **Input voltage:** 220-240V | **Mounting:** Surface

~230V | 50/60 Hz | SMD | Ra≥80 | >20000 | INSTANT 100% | 20000h | Hg | IP 40 | RoHS COMPLIANT | EMC | CE | 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



## LED MOD FIXTURE
9MOD18W
9MOD36W



### CONNECTOR 90° L-TYPE
9MODL



### COUPLING 180° I-TYPE
9MODI



### T-JOINT
9MODT

LED NEUTRAL WHITE 4000K **IP40**

## MOD FIXTURE

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **9MOD18W** | C | 18 | 1100 | 4000 | white | 615 | 54 | 34 | 1/20 | A++>A |
| **9MOD36W** | C | 36 | 2200 | 4000 | white | 1215 | 54 | 34 | 1/20 | A++>A |



Connector 90° L-type

Catalogue number
9MODL
135x135x45mm



Coupling 180° I-type

Catalogue number
9MODI
210x58x45mm



T-joint

Catalogue number
9MODT
210x135x45mm

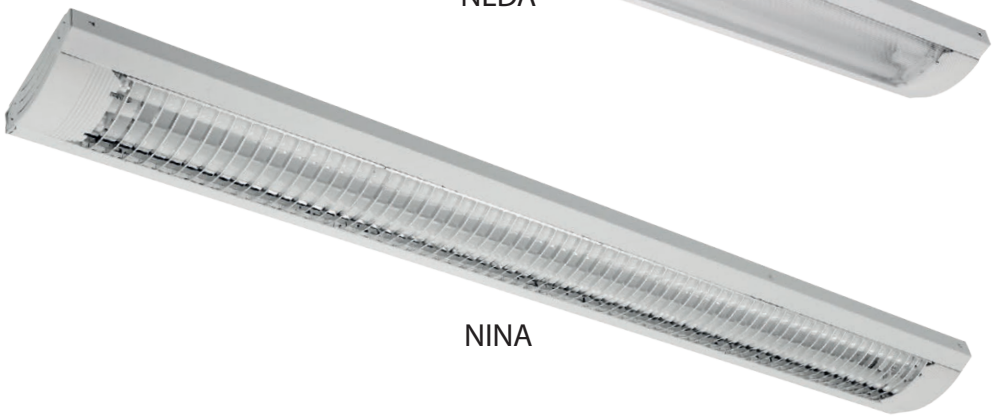
**Body:** PC+Iron | **Clips:** inox | **Light source:** Sanan 2835 SMD| **Starting time:** <1s

~230V | 50/60 Hz | SMD | 120° | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | IP 40 | RoHS COMPLIANT | EMC | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



NEDA



NINA



LED | NEUTRAL WHITE 4000K | COOL WHITE 6400K | **IP21**

UNTIL SUPPLY LAST

## NEDA / NINA Luminaire with LED Tubes T8 STELLAR

| Catalogue number | Product category | Model | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **95LED109CW** | F | Neda | 1X9 | 585 | 6400 | white | 740 | 118 | 48 | 1/12 | A+ A++→A |
| **95LED109W** | F | Neda | 1X9 | 585 | 4000 | white | 740 | 118 | 48 | 1/12 | A+ A++→A |
| **95LED209CW** | F | Neda | 2X9 | 1170 | 6400 | white | 740 | 160 | 55 | 1/6 | A+ A++→A |
| **95LED209W** | F | Neda | 2X9 | 1170 | 4000 | white | 740 | 160 | 55 | 1/6 | A+ A++→A |
| **920118LED** | F | Nina | 1X9 | 585 | 4000 | white | 740 | 118 | 48 | 1/12 | A+ A++→A |
| **920118LEDCW** | F | Nina | 1X9 | 585 | 6400 | white | 740 | 118 | 48 | 1/12 | A+ A++→A |

with LED tubes STELLAR



**Body:** white powder painted steel | **Reflector:** plastic cover (Neda); ABS plastic grid (Nina) | **Light source:** LED tubes

~230V | 50/60 Hz | LED T8 | G13 | Ra≥80 | >20000 | INSTANT 100% | 15000h | Hg | IP 21 | RoHS | EMC | F | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY



# REMY STELLAR

9XREMY18LED
9XREMY36LED



LED NEUTRAL WHITE 4000K **IP40**

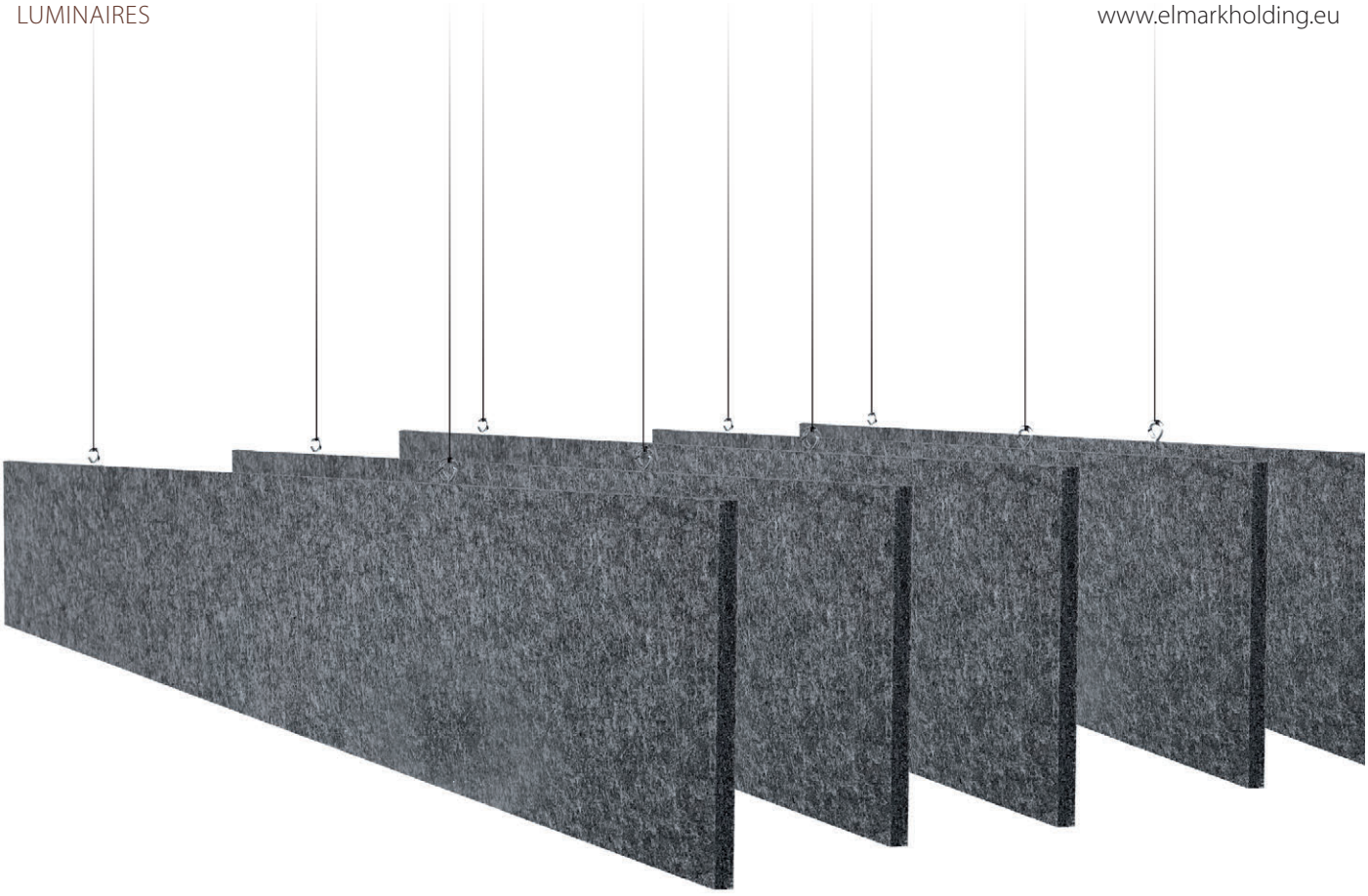
## REMY LUMINAIRE STELLAR

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **9XREMY18LED** | C | 18 | 1300 | 4000K | white | 600 | 75 | 46 | 1/20 | A++→A |
| **9XREMY36LED** | C | 36 | 2600 | 4000K | white | 1200 | 75 | 46 | 1/20 | A++→A |

**Body:** PP+PC | **LED driver:** mounted in the body | **Light source:** SMD2835 | **Input voltage:** 220-240V | **Beam angle:** 115°

~230V | 50/60 Hz | SMD | Ra≥80 | >20000 | INSTANT 100% | 15000h | Hg | IP 40 | RoHS COMPLIANT | EMC | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***





## ACOUSTIC BAFFLES

| Catalogue number | Product category | Colour | Material | Acoustic rating | Length (mm) | Height (mm) | Depth (mm) |
|---|---|---|---|---|---|---|---|
| **99ACOUSTIC1200/BL** | C | Black | Polyester | 0.90 NRC | 1200 | 200 | 9 |
| **99ACOUSTIC1200/WH** | C | White | Polyester | 0.90 NRC | 1200 | 200 | 9 |
| **99ACOUSTIC1200/GR** | C | Grey | Polyester | 0.90 NRC | 1200 | 200 | 9 |
| **99ACOUSTIC2400/BL** | C | Black | Polyester | 0.90 NRC | 2400 | 200 | 9 |
| **99ACOUSTIC2400/WH** | C | White | Polyester | 0.90 NRC | 2400 | 200 | 9 |
| **99ACOUSTIC2400/GR** | C | Grey | Polyester | 0.90 NRC | 2400 | 200 | 9 |



Acoustic sound baffle find application in many work and office spaces, conference and presentation halls, meeting rooms, retails, institutional and more. They significantly reduce noise pollution, minimizing reverberation and echo in the room, absorbing any reflect sounds from other surfaces, thereby increasing speech intelligibility and communication. They are mounted on the ceiling in rows or columns.

**Features:** High quality and easy mounting | Lightweight | Safe and non-toxic | Available in three colours | Possibilty to create custom design

**Mounting:** Hanging. Attach one piece of wire/cord onto each of the 2 eye hooks on the baffle.Then attach the other end of the wire to two equally-spaced hooks in the ceiling

RoHS COMPLIANT CE

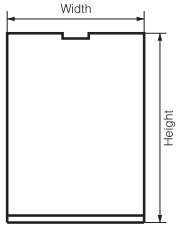
***The products are not held on stock and are supplied only by a customer`s request.***



LED NEUTRAL WHITE 4000K **IP40** **HIGH POWER**

## ACOUSTIC HIGH POWER LED PROFILES S36 SERIES FOR HANGING MOUNTING

| Catalogue number BLACK | Catalogue number WHITE | Catalogue number GREY | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Length (mm) | Height (mm) | Width (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **99SM36S4020A/BL** | **99SM36S4020A/WH** | **99SM36S4020A/GR** | C | 20 | 1600 | 4000 | 600 | 200 | 55 | 1/1 | A++→A |
| **99SM36S4040A/BL** | **99SM36S4040A/WH** | **99SM36S4040A/GR** | C | 40 | 3200 | 4000 | 1200 | 200 | 55 | 1/1 | A++→A |
| **99SM36S4050A/BL** | **99SM36S4050A/WH** | **99SM36S4050A/GR** | C | 50 | 4000 | 4000 | 1500 | 200 | 55 | 1/1 | A++→A |







**INSTALATION ACCESSORIES FOR LED PROFILES**
**Suspension wire**
Catalogue number: **99ACC51**
**Suspension wire with console**
Catalogue number: **99ACC52**

**Body:** aluminium | **Reflector:** polycarbonate (PC) | **Driver:** 42V SELV driver | **Light Source:** SAMSUNG

~230V 50/60 Hz SMD 90° Ra≥80 >15000 INSTANT 100% 20000h Hg IP 40 RoHS EMC F CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***The products are not held on stock and are supplied only by a customer`s request.***



LED NEUTRAL WHITE 4000K **IP40**

## ACOUSTIC LED RINGS

| Catalogue number BLACK | Catalogue number WHITE | Catalogue number GREY | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **99RING6004035A/BL** | **99RING6004035A/WH** | **99RING6004035A/GR** | C | 35 | 3500 | 4000 | 600 | 25 | 1/1 | A++→A |
| **99RING8004060A/BL** | **99RING8004060A/WH** | **99RING8004060A/GR** | C | 60 | 6000 | 4000 | 800 | 25 | 1/1 | A++→A |
| **99RING10004075A/BL** | **99RING10004075A/WH** | **99RING10004075A/GR** | C | 75 | 7500 | 4000 | 1000 | 25 | 1/1 | A++→A |
| **99RING11504096A/BL** | **99RING11504096A/WH** | **99RING11504096A/GR** | C | 96 | 9600 | 4000 | 1150 | 25 | 1/1 | A++→A |



99ACC52 99ACC51



**Body:** aluminium | **Reflector:** polycarbonate (PC) | **Driver:** 42V SELV driver

~230V 50/60 Hz SMD 90° Ra≥80 >15000 INSTANT 100% 20000h Hg IP 40 RoHS COMPLIANT EMC F CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***The products are not held on stock and are supplied only by a customer`s request.***



LED RINGS
99RING8004060/GR



LED RINGS
99RING6004035/BL

NEUTRAL WHITE 4000K

**IP40**

## LED RINGS

| Catalogue number BLACK | Catalogue number WHITE | Catalogue number GREY | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **99RING6004035/BL** | **99RING6004035/WH** | **99RING6004035/GR** | C | 35 | 3500 | 4000 | 600 | 25 | 1/1 | A++→A |
| **99RING8004060/BL** | **99RING8004060/WH** | **99RING8004060/GR** | C | 60 | 6000 | 4000 | 800 | 25 | 1/1 | A++→A |
| **99RING10004075/BL** | **99RING10004075/WH** | **99RING10004075/GR** | C | 75 | 7500 | 4000 | 1000 | 25 | 1/1 | A++→A |
| **99RING11504096/BL** | **99RING11504096/WH** | **99RING11504096/GR** | C | 96 | 9600 | 4000 | 1150 | 25 | 1/1 | A++→A |

**Body:** aluminium | **Reflector:** polycarbonate (PC) | **Driver:** 42V SELV driver





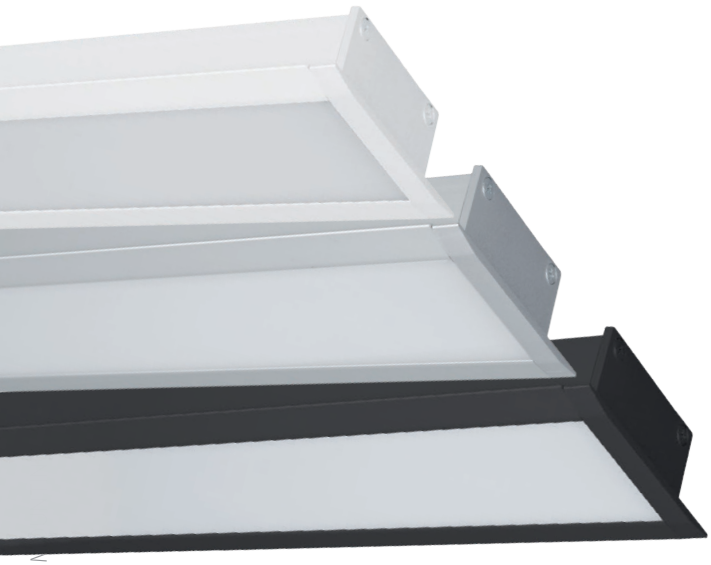


99ACC52 99ACC51



~230V | 50/60 Hz | SMD | 90° | Ra≥80 | >15000 | INSTANT 100% | 20000h | Hg | IP 40 | RoHS COMPLIANT | EMC | F | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days.*

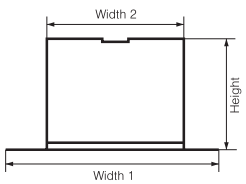




LED | NEUTRAL WHITE 4000K | **IP40** | **ULTRA THIN**

## ULTRA THIN LED PROFILES S36 SERIES, RECESSED MOUNTING

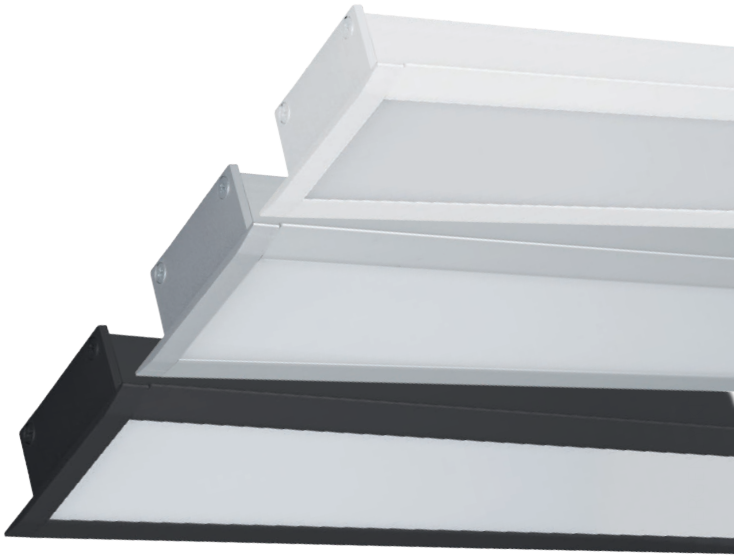
| Catalogue number BLACK | Catalogue number WHITE | Catalogue number GREY | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Length (mm) | Width 1 (mm) | Width 2 (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **99FM36S4009/BL** | **99FM36S4009/WH** | **99FM36S4009/GR** | C | 9 | 630 | 4000 | 600 | 47.74 | 35.33 | 13.5 | 1/1 | A++→A |
| **99FM36S4018/BL** | **99FM36S4018/WH** | **99FM36S4018/GR** | C | 18 | 1260 | 4000 | 1200 | 47.74 | 35.33 | 13.5 | 1/1 | A++→A |
| **99FM36S40225/BL** | **99FM36S40225/WH** | **99FM36S40225/GR** | C | 22.5 | 1575 | 4000 | 1500 | 47.74 | 35.33 | 13.5 | 1/1 | A++→A |




**Body:** aluminium | **Reflector:** polycarbonate (PC) | **Clamps:** inox | **Driver:** 24V | **Light Source:** SAMSUNG

~230V | 50/60 Hz | SMD | 90° | Ra≥80 | >15000 | INSTANT 100% | 20000h | Hg | IP 40 | RoHS COMPLIANT | EMC | 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days.***



LED NEUTRAL WHITE 4000K **IP40**

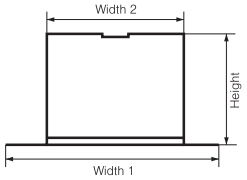
## LED PROFILES S48 SERIES RECESSED MOUNTING WITH EMERGENCY KIT

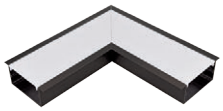
| Catalogue number BLACK | Catalogue number WHITE | Catalogue number GREY | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Length (mm) | Width 1 (mm) | Width 2 (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **99FM604012/BLE** | **99FM604012/WHE** | **99FM604012/GRE** | C | 12 | 1140 | 4000 | 600 | 70 | 47.8 | 22.4 | 1/1 | A++→A |
| **99FM1204024/BLE** | **99FM1204024/WHE** | **99FM1204024/GRE** | C | 24 | 2280 | 4000 | 1200 | 70 | 47.8 | 22.4 | 1/1 | A++→A |
| **99FM1504032/BLE** | **99FM1504032/WHE** | **99FM1504032/GRE** | C | 32 | 3040 | 4000 | 1500 | 70 | 47.8 | 22.4 | 1/1 | A++→A |

LED NEUTRAL WHITE 4000K **IP40**

## LED PROFILES S48 SERIES RECESSED MOUNTING

| Catalogue number BLACK | Catalogue number WHITE | Catalogue number GREY | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Length (mm) | Width 1 (mm) | Width 2 (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **99FM604012/BL** | **99FM604012/WH** | **99FM604012/GR** | C | 12 | 1140 | 4000 | 600 | 70 | 47.8 | 22.4 | 1/1 | A++→A |
| **99FM1204024/BL** | **99FM1204024/WH** | **99FM1204024/GR** | C | 24 | 2280 | 4000 | 1200 | 70 | 47.8 | 22.4 | 1/1 | A++→A |
| **99FM1504032/BL** | **99FM1504032/WH** | **99FM1504032/GR** | C | 32 | 3040 | 4000 | 1500 | 70 | 47.8 | 22.4 | 1/1 | A++→A |



**L-corner for LED profiles S48series recessed**
White: **99FML/WH**
Black: **99FML/BL**
Grey: **99FML/GR**
**size: 420x420mm**



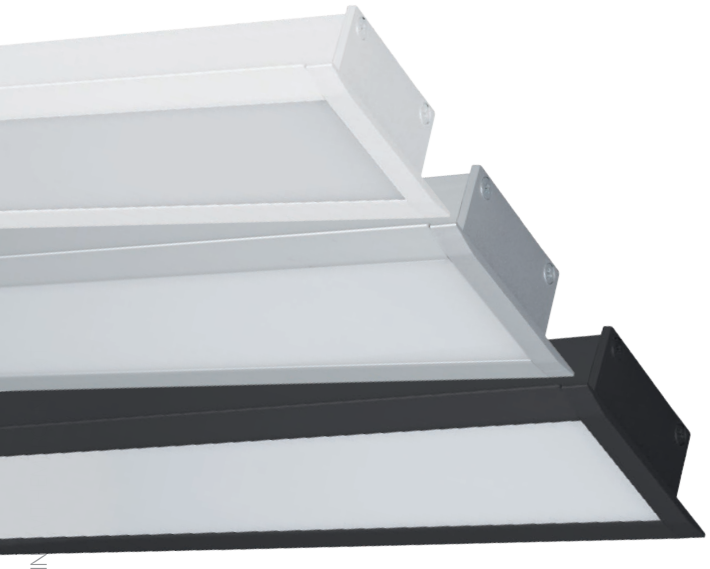
**Inside corner for LED profiles S48 series recessed**
White: **99FMI/WH**
Black: **99FMI/BL**
Grey: **99FMI/GR**
**size: 420x420mm**

**Body:** aluminium | **Reflector:** polycarbonate (PC) | **Clamps:** inox | **Driver:** 42V SELV driver | **Light Source:** SAMSUNG

L- corner and Inside corners are ordered within 30 days term, after a preliminary specification of power and colour temperature of LED profiles.

~230V 50/60 Hz SMD 90° Ra≥80 >15000 INSTANT 100% 20000h Hg IP 40 RoHS COMPLIANT EMC F CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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NEUTRAL WHITE 4000K **IP40** **HIGH POWER**

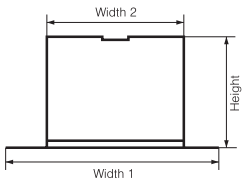
## HIGH POWER LED PROFILES S48 SERIES FOR RECESSED MOUNTING WITH EMERGENCY KIT

| Catalogue number BLACK | Catalogue number WHITE | Catalogue number GREY | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Length (mm) | Width 1 (mm) | Width 2 (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **99FM604020/BLE** | **99FM604020/WHE** | **99FM604020/GRE** | C | 20 | 1600 | 4000 | 600 | 70 | 47.8 | 22.4 | 1/1 | A++→A |
| **99FM1204040/BLE** | **99FM1204040/WHE** | **99FM1204040/GRE** | C | 40 | 3200 | 4000 | 1200 | 70 | 47.8 | 22.4 | 1/1 | A++→A |

NEUTRAL WHITE 4000K **IP40** **HIGH POWER**

## HIGH POWER LED PROFILES S48 SERIES FOR RECESSED MOUNTING WITH EMERGENCY KIT

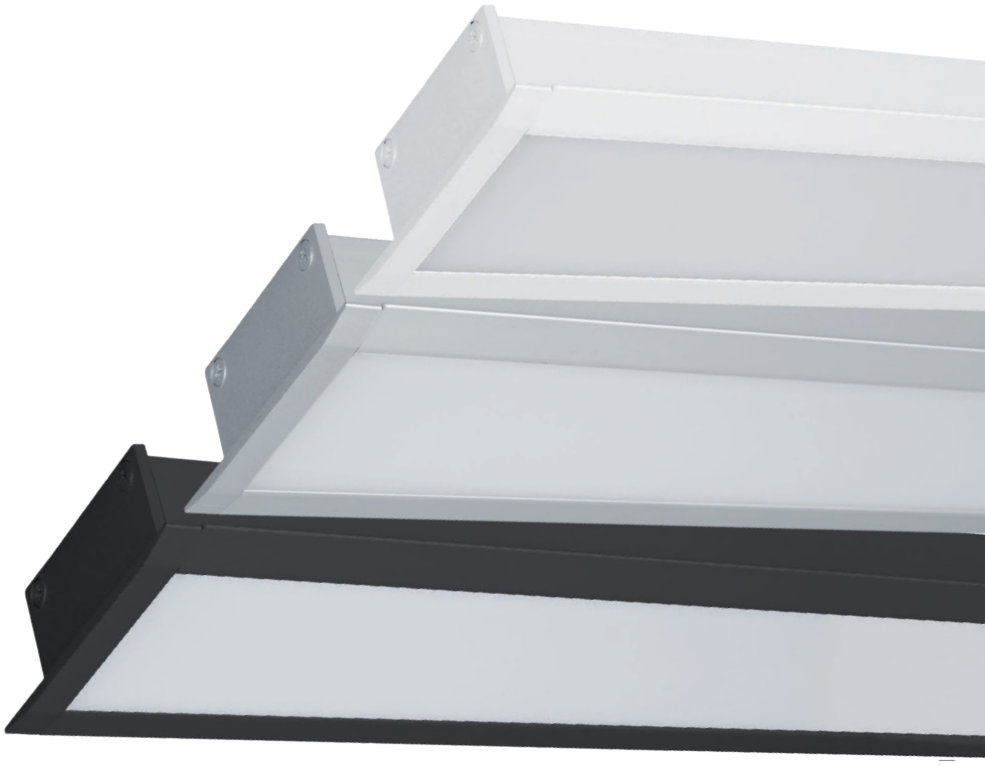
| Catalogue number BLACK | Catalogue number WHITE | Catalogue number GREY | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Length (mm) | Width 1 (mm) | Width 2 (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **99FM604020/BL** | **99FM604020/WH** | **99FM604020/GR** | C | 20 | 1600 | 4000 | 600 | 70 | 47.8 | 22.4 | 1/1 | A++→A |
| **99FM1204040/BL** | **99FM1204040/WH** | **99FM1204040/GR** | C | 40 | 3200 | 4000 | 1200 | 70 | 47.8 | 22.4 | 1/1 | A++→A |
| **99FM1504050/BL** | **99FM1504050/WH** | **99FM1504050/GR** | C | 50 | 4000 | 4000 | 1500 | 70 | 47.8 | 22.4 | 1/1 | A++→A |




**Body:** aluminium | **Reflector:** polycarbonate (PC) | **Clamps:** inox | **Driver:** 42V SELV driver | **Light Source:** SAMSUNG

~230V 50/60 Hz SMD 90° Ra≥80 >15000 INSTANT 100% 20000h Hg IP 40 RoHS EMC F CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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LED NEUTRAL WHITE 4000K **IP40**

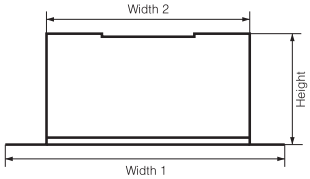
## LED PROFILES S77 SERIES RECESSED MOUNTING WITH EMERGENCY KIT

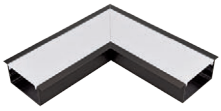
| Catalogue number BLACK | Catalogue number WHITE | Catalogue number GREY | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Length (mm) | Width 1 (mm) | Width 2 (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **99BM604024/BLE** | **99BM604024/WHE** | **99BM604024/GRE** | C | 24 | 2280 | 4000 | 600 | 98.5 | 77.5 | 27 | 1/1 | A++→A |
| **99BM1204048/BLE** | **99BM1204048/WHE** | **99BM1204048/GRE** | C | 48 | 4560 | 4000 | 1200 | 98.5 | 77.5 | 27 | 1/1 | A++→A |

LED NEUTRAL WHITE 4000K **IP40**

## LED PROFILES S77 SERIES RECESSED MOUNTING

| Catalogue number BLACK | Catalogue number WHITE | Catalogue number GREY | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Length (mm) | Width 1 (mm) | Width 2 (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **99BM604024/BL** | **99BM604024/WH** | **99BM604024/GR** | C | 24 | 2280 | 4000 | 600 | 98.5 | 77.5 | 27 | 1/1 | A++→A |
| **99BM1204048/BL** | **99BM1204048/WH** | **99BM1204048/GR** | C | 48 | 4560 | 4000 | 1200 | 98.5 | 77.5 | 27 | 1/1 | A++→A |
| **99BM1504064/BL** | **99BM1504064/WH** | **99BM1504064/GR** | C | 64 | 6080 | 4000 | 1500 | 98.5 | 77.5 | 27 | 1/1 | A++→A |



**L-corner for LED profiles S77series recessed**
White: **99BML/WH**
Black: **99BML/BL**
Grey: **99BML/GR**
**size: 450x450mm**



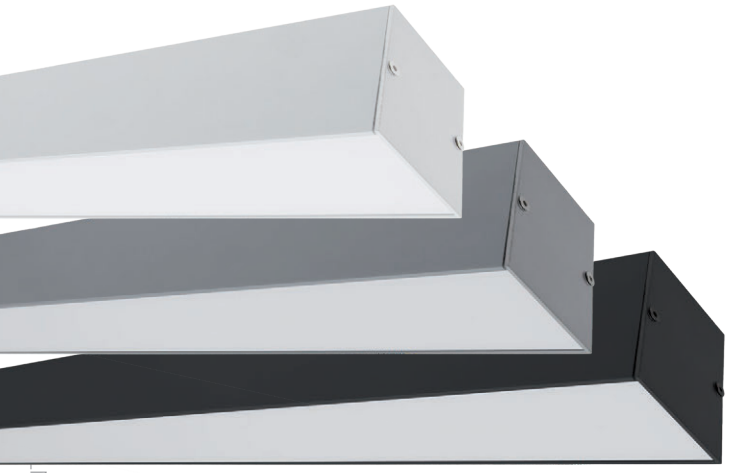
**Inside corner for LED profiles S77 series recessed**
White: **99BMI/WH**
Black: **99BMI/BL**
Grey: **99BMI/GR**
**size: 450x450mm**

**Body:** aluminium | **Reflector:** polycarbonate (PC) | **Clamps:** inox | **Driver:** 42V SELV driver

L- corner and Inside corners are ordered within 30 days term, after a preliminary specification of power and colour temperature of LED profiles.

~230V | 50/60 Hz | SMD | 90° | Ra≥80 | >15000 | INSTANT 100% | 20000h | Hg | IP 40 | RoHS COMPLIANT | EMC | F | CE | 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days.***

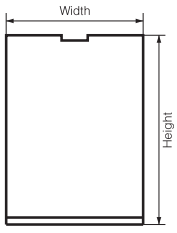




LED NEUTRAL WHITE 4000K **IP40** **HIGH POWER**

## HIGH POWER LED PROFILES S36 SERIES FOR SURFACE MOUNTING

| Catalogue number BLACK | Catalogue number WHITE | Catalogue number GREY | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Length (mm) | Height (mm) | Width (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **99SM36S4020/BL** | **99SM36S4020/WH** | **99SM36S4020/GR** | C | 20 | 1600 | 4000 | 600 | 65.64 | 35.6 | 1/1 | A++→A |
| **99SM36S4040/BL** | **99SM36S4040/WH** | **99SM36S4040/GR** | C | 40 | 3200 | 4000 | 1200 | 65.64 | 35.6 | 1/1 | A++→A |
| **99SM36S4050/BL** | **99SM36S4050/WH** | **99SM36S4050/GR** | C | 50 | 4000 | 4000 | 1500 | 65.64 | 35.6 | 1/1 | A++→A |





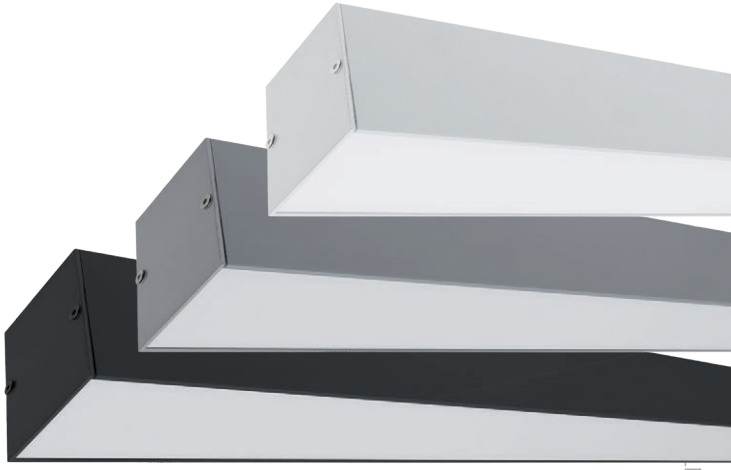


**INSTALATION ACCESSORIES FOR LED PROFILES**
**Connector**
Catalogue number: **99ACC50**
**Suspension wire**
Catalogue number: **99ACC51**
**Suspension wire with console**
Catalogue number: **99ACC52**

**Body:** aluminium | **Reflector:** polycarbonate (PC) | **Driver:** 42V SELV driver | **Light Source:** SAMSUNG

~230V | 50/60 Hz | SMD | 90° | Ra≥80 | >15000 | INSTANT 100% | 20000h | Hg | IP 40 | RoHS COMPLIANT | EMC | F | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days.***



LED NEUTRAL WHITE 4000K **IP40** **HIGH POWER**

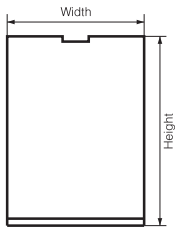
## HIGH POWER LED PROFILES S48 SERIES FOR SURFACE MOUNTING

| Catalogue number BLACK | Catalogue number WHITE | Catalogue number GREY | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Length (mm) | Height (mm) | Width (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **99SM604020/BL** | **99SM604020/WH** | **99SM604020/GR** | C | 20 | 1600 | 4000 | 600 | 70 | 47.8 | 1/1 | A++→A |
| **99SM1204040/BL** | **99SM1204040/WH** | **99SM1204040/GR** | C | 40 | 3200 | 4000 | 1200 | 70 | 47.8 | 1/1 | A++→A |
| **99SM1504050/BL** | **99SM1504050/WH** | **99SM1504050/GR** | C | 50 | 4000 | 4000 | 1500 | 70 | 47.8 | 1/1 | A++→A |

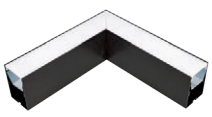
LED NEUTRAL WHITE 4000K **IP40**

## LED PROFILES S48 SERIES FOR SURFACE MOUNTING

| Catalogue number BLACK | Catalogue number WHITE | Catalogue number GREY | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Length (mm) | Height (mm) | Width (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **99SM604012/BL** | **99SM604012/WH** | **99SM604012/GR** | C | 12 | 1140 | 4000 | 600 | 70 | 47.8 | 1/1 | A++→A |
| **99SM1204024/BL** | **99SM1204024/WH** | **99SM1204024/GR** | C | 24 | 2280 | 4000 | 1200 | 70 | 47.8 | 1/1 | A++→A |
| **99SM1504032/BL** | **99SM1504032/WH** | **99SM1504032/GR** | C | 32 | 3040 | 4000 | 1500 | 70 | 47.8 | 1/1 | A++→A |




**L-corner for LED profiles**
**S48series surface**
White: **99SML/WH**
Black: **99SML/BL**
Grey: **99SML/GR**
**size: 420x420mm**



99ACC50



99ACC52



99ACC51



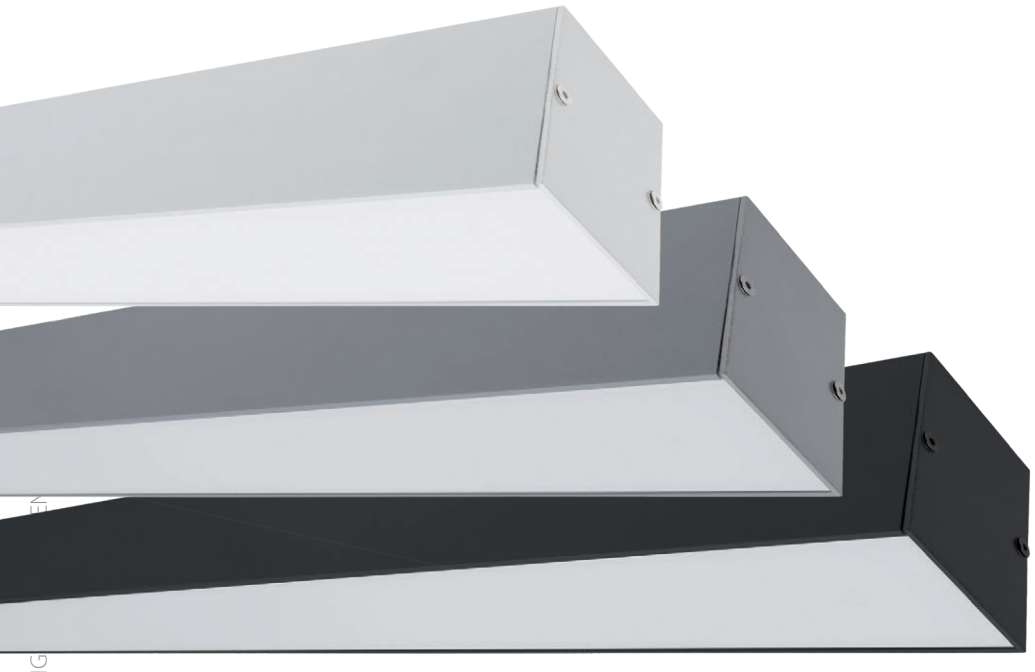
**INSTALATION ACCESSORIES FOR LED PROFILES**
**Connector**
Catalogue number: **99ACC50**
**Suspension wire**
Catalogue number: **99ACC51**
**Suspension wire with console**
Catalogue number: **99ACC52**

**Body:** aluminium | **Reflector:** polycarbonate (PC) | **Driver:** 42V SELV driver | **Light Source:** SAMSUNG

L- corner and Inside corners are ordered within 30 days term, after a preliminary specification of power and colour temperature of LED profiles.

~230V 50/60 Hz SMD 90° Ra≥80 >15000 INSTANT 100% 20000h Hg IP 40 RoHS COMPLIANT EMC F CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days.***



LED NEUTRAL WHITE 4000K **IP40**

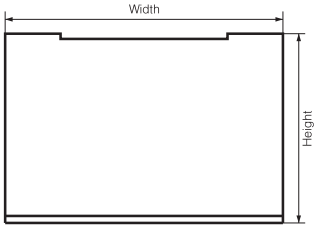
## LED PROFILES S77 SERIES FOR SURFACE MOUNTING WITH EMERGENCY KIT

| Catalogue number BLACK | Catalogue number WHITE | Catalogue number GREY | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Length (mm) | Height (mm) | Width (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **99OM604024/BLE** | **99OM604024/WHE** | **99OM604024/GRE** | C | 24 | 2280 | 4000 | 600 | 100 | 77 | 1/1 | A++→A |
| **99OM1204048/BLE** | **99OM1204048/WHE** | **99OM1204048/GRE** | C | 48 | 4560 | 4000 | 1200 | 100 | 77 | 1/1 | A++→A |

LED NEUTRAL WHITE 4000K **IP40**

## LED PROFILES S77 SERIES FOR SURFACE MOUNTING

| Catalogue number BLACK | Catalogue number WHITE | Catalogue number GREY | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Length (mm) | Height (mm) | Width (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **99OM604024/BL** | **99OM604024/WH** | **99OM604024/GR** | C | 24 | 2280 | 4000 | 600 | 100 | 77 | 1/1 | A++→A |
| **99OM1204048/BL** | **99OM1204048/WH** | **99OM1204048/GR** | C | 48 | 4560 | 4000 | 1200 | 100 | 77 | 1/1 | A++→A |
| **99OM1504064/BL** | **99OM1504064/WH** | **99OM1504064/GR** | C | 64 | 6080 | 4000 | 1500 | 100 | 77 | 1/1 | A++→A |




**L-corner for LED profiles S77series surface**
White: **99OML/WH**
Black: **99OML/BL**
Grey: **99OML/GR**
**size: 450x450mm**



99ACC55


99ACC52


99ACC51


**INSTALATION ACCESSORIES FOR LED PROFILES**
**Connector**
Catalogue number: **99ACC55**
**Suspension wire**
Catalogue number: **99ACC51**
**Suspension wire with console**
Catalogue number: **99ACC52**

**Body:** aluminium | **Reflector:** polycarbonate (PC) | **Driver:** 42V SELV driver | **Light Source:** SAMSUNG

L- corner and Inside corners are ordered within 30 days term, after a preliminary specification of power and colour temperature of LED profiles.

~230V | 50/60 Hz | SMD | 90° | Ra≥80 | >15000 | INSTANT 100% | 20000h | Hg | IP 40 | RoHS COMPLIANT | EMC | 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days.***



LED **IP20**

## RAINBOW LED SMD

| Catalogue number | Product category | Watt (W) | Colou | LED lamp lumens (lm) | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **9RT5300/WH** | C | 5 | White | 400 | 320 | 22 | 35 | 1/25 | A++>A |
| **9RT5300/WW** | C | 5 | Warm white | 400 | 320 | 22 | 35 | 1/25 | A++>A |
| **9RT5300/R** | F | 5 | Red* | - | 320 | 22 | 35 | 1/25 | A++>A |
| **9RT5300/G** | F | 5 | Green* | - | 320 | 22 | 35 | 1/25 | A++>A |
| **9RT5300/B** | F | 5 | Blue* | - | 320 | 22 | 35 | 1/25 | A++>A |
| **9RT5600/WH** | C | 9 | White | 720 | 555 | 22 | 35 | 1/25 | A++>A |
| **9RT5600/WW** | C | 9 | Warm white | 720 | 555 | 22 | 35 | 1/25 | A++>A |
| **9RT5600/R** | F | 9 | Red* | - | 555 | 22 | 35 | 1/25 | A++>A |
| **9RT5600/G** | F | 9 | Green* | - | 555 | 22 | 35 | 1/25 | A++>A |
| **9RT5900/WH** | C | 14 | White | 1120 | 860 | 22 | 35 | 1/25 | A++>A |
| **9RT5900/WW** | C | 14 | Warm white | 1120 | 860 | 22 | 35 | 1/25 | A++>A |
| **9RT5900/R** | F | 14 | Red* | - | 860 | 22 | 35 | 1/25 | A++>A |
| **9RT5900/G** | F | 14 | Green* | - | 860 | 22 | 35 | 1/25 | A++>A |
| **9RT51200/WH** | C | 18 | White | 1440 | 1165 | 22 | 35 | 1/25 | A++>A |
| **9RT51200/WW** | C | 18 | Warm white | 1440 | 1165 | 22 | 35 | 1/25 | A++>A |
| **9RT51200/R** | F | 18 | Red* | - | 1165 | 22 | 35 | 1/25 | A++>A |
| **9RT51200/G** | F | 18 | Green* | - | 1165 | 22 | 35 | 1/25 | A++>A |







**9RT505**

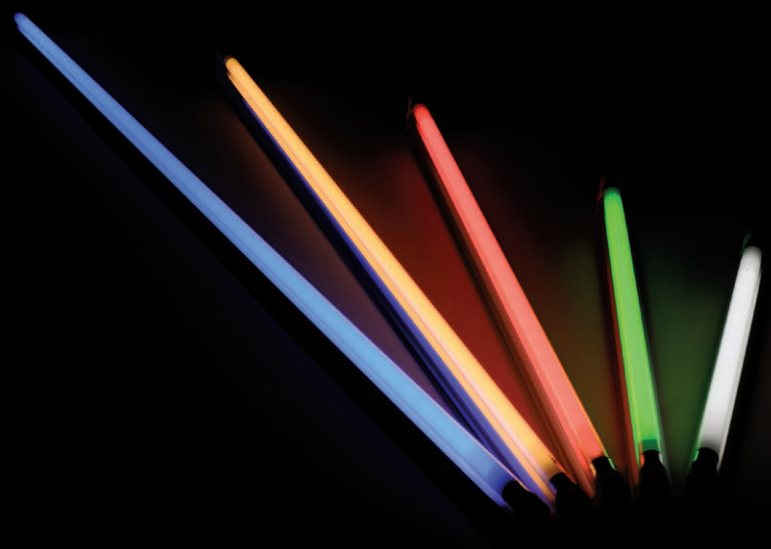
**Body:** PVC | **Diffuser:** Glass | **Light source:** SMD 2835 | ***Until Supply Last**

~230V | 50/60 Hz | SMD 2835 | 270° | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | IP 20 | RoHS COMPLIANT | EMC | 3+2 standard +extended 5 YEAR TOTAL WARRANTY

Light is one of the most important space-shaping elements. Therefore it is worth to consider the quality of the selected lighting fittings.

The SMD LED series of modern fittings is an innovative solution of lighting that is functional and decorative at the same time. The fittings emit high quality light and their compact form, matching contemporary furniture, enables a multitude of arrangements. The fittings can be connected in order to achieve the lighting line of the desired length, and the energy-efficient LED light makes it possible to achieve a spectacular effect in any interior.

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



**IP20**

UNTIL SUPPLY LAST

## FLUORESCENT LIGHT FIXTURES RAINBOW

| Catalogue number | Product category | Type | Watt (W) | Colour body | Ballast | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **9RT513/W** | F | RAINBOW | 13 | white | electronic | 545 | 24 | 35 | 1/30 | B |
| **9RT521/W** | F | RAINBOW | 21 | white | electronic | 875 | 24 | 35 | 1/30 | B |
| **9RT508/B** | F | RAINBOW | 8 | blue | electronic | 315 | 24 | 35 | 1/30 | B |
| **9RT513/B** | F | RAINBOW | 13 | blue | electronic | 545 | 24 | 35 | 1/30 | B |
| **9RT521/B** | F | RAINBOW | 21 | blue | electronic | 875 | 24 | 35 | 1/30 | B |
| **9RT528/B** | F | RAINBOW | 28 | blue | electronic | 1174 | 24 | 35 | 1/30 | B |
| **9RT508/G** | F | RAINBOW | 8 | green | electronic | 315 | 24 | 35 | 1/30 | B |
| **9RT513/G** | F | RAINBOW | 13 | green | electronic | 545 | 24 | 35 | 1/30 | B |
| **9RT521/G** | F | RAINBOW | 21 | green | electronic | 875 | 24 | 35 | 1/30 | B |
| **9RT528/G** | F | RAINBOW | 28 | green | electronic | 1174 | 24 | 35 | 1/30 | B |
| **9RT508/Y** | F | RAINBOW | 8 | yellow | electronic | 315 | 24 | 35 | 1/30 | B |
| **9RT513/Y** | F | RAINBOW | 13 | yellow | electronic | 545 | 24 | 35 | 1/30 | B |
| **9RT521/Y** | F | RAINBOW | 21 | yellow | electronic | 875 | 24 | 35 | 1/30 | B |
| **9RT528/Y** | F | RAINBOW | 28 | yellow | electronic | 1174 | 24 | 35 | 1/30 | B |
| **9RT508/R** | F | RAINBOW | 8 | red | electronic | 315 | 24 | 35 | 1/30 | B |
| **9RT513/R** | F | RAINBOW | 13 | red | electronic | 545 | 24 | 35 | 1/30 | B |
| **9RT521/R** | F | RAINBOW | 21 | red | electronic | 875 | 24 | 35 | 1/30 | B |
| **9RT528/R** | F | RAINBOW | 28 | red | electronic | 1174 | 24 | 35 | 1/30 | B |

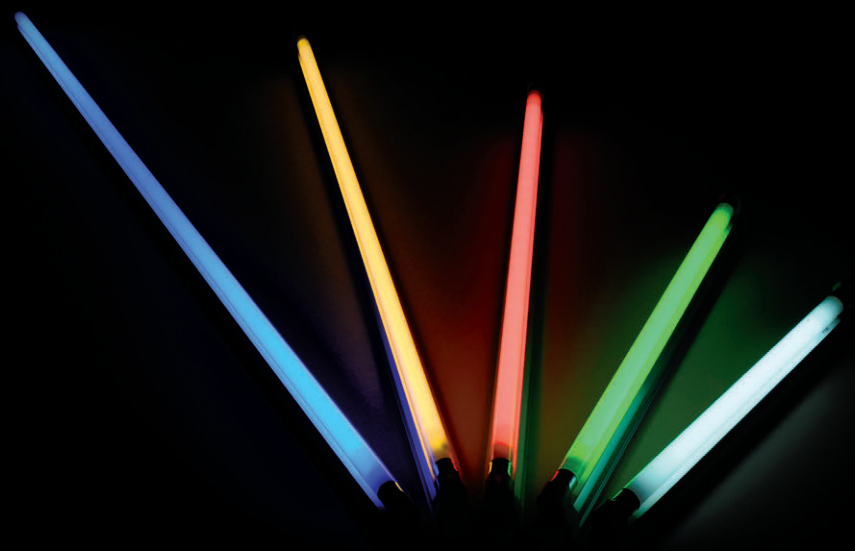




This lighting fixture is compatible with lamps from energy classes: B A A+ A++.

This lighting fixture comes with lamp from energy class: B

~230V | 50/60 Hz | G5 | 270° | >20000 | INSTANT 100% | 30000h | Hg | IP 20 | RoHS COMPLIANT | EMC | F | CE | 2+0 standard +extended 2 YEAR TOTAL WARRANTY



**IP20**

UNTIL SUPPLY LAST

## COLOUR LIGHTING TUBES T5

| Catalogue number | Product category | Type | Watt (W) | Colour | Length (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|
| **99217177** | F | FLUORESCENT TUBE | 8 | blue | 303 | 1/100 | B |
| **99217181** | F | FLUORESCENT TUBE | 8 | green | 303 | 1/100 | B |
| **99217182** | F | FLUORESCENT TUBE | 13 | green | 531 | 1/100 | B |
| **99217183** | F | FLUORESCENT TUBE | 21 | green | 863 | 1/100 | B |
| **99217184** | F | FLUORESCENT TUBE | 28 | green | 1160 | 1/100 | B |
| **99217185** | F | FLUORESCENT TUBE | 8 | yellow | 303 | 1/100 | B |
| **99217187** | F | FLUORESCENT TUBE | 21 | yellow | 863 | 1/100 | B |
| **99217188** | F | FLUORESCENT TUBE | 28 | yellow | 1160 | 1/100 | B |
| **99217190** | F | FLUORESCENT TUBE | 13 | red | 531 | 1/100 | B |
| **99217191** | F | FLUORESCENT TUBE | 21 | red | 863 | 1/100 | B |
| **99217192** | F | FLUORESCENT TUBE | 28 | red | 1160 | 1/100 | B |

~230V | 50/60 Hz | G5 | 270° | >20000 | INSTANT 100% | 30000h | Hg | IP 20 | RoHS COMPLIANT | EMC | F | CE | 2+0 standard +extended 2 YEAR TOTAL WARRANTY



SHINA WITH LED TUBE



LED | NEUTRAL WHITE 4000K | COOL WHITE 6400K | **IP21**

## Shina with LED tubes T8 STELLAR

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **910109LCW** | C | 9 | 630 | 6400 | white | 612 | 33 | 44 | 1/12 | A A++→A |
| **910109LW** | C | 9 | 630 | 4000 | white | 612 | 33 | 44 | 1/12 | A A++→A |
| **910118LCW** | C | 18 | 1260 | 6400 | white | 1218 | 33 | 44 | 1/8 | A A++→A |
| **910118LW** | C | 18 | 1260 | 4000 | white | 1218 | 33 | 44 | 1/8 | A A++→A |

with LED tubes STELLAR



~230V | 50/60 Hz | LED T8 | G13 | Ra≥80 | Hg | IP 21 | RoHS COMPLIANT | EMC | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



SHINA
910218



SHINA EB
910218EB



**IP20**

UNTIL SUPPLY LAST

## SHINA

| Catalogue number | Product category | Watt (W) | Colour body | Length (mm) | Width (mm) | Height (mm) | Ballast | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **910218** | F | 2X18 | white | 618 | 89 | 70 | magnetic | 1/8 | A++→B |
| **910218EB** | F | 2X18 | white | 690 | 100 | 50 | electronic | 1/8 | A++→B |

~230V | 50/60 Hz | G13 | IP 20 | F | CE | 2+0 standard +extended 2 YEAR TOTAL WARRANTY



LENA-V OM
9LOM260LEDCW
9LOM260LED
9LOM460LEDCW
9LOM460LED
9LOM2120LEDCW
9LOM2120LED



LENA-V BM
9LBM260LEDCW
9LBM260LED
9LBM460LEDCW
9LBM460LED
9LBM2120LEDCW
9LBM2120LED

LED | NEUTRAL WHITE 4000K | COOL WHITE 6400K | **IP21**

## LENA-V BM/OM with LED Tubes T8 STELLAR

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **9LBM260LEDCW** | C | 2X9 | 1170 | 6400 | white | 595 | 295 | 70 | 1/1 | A+ A++→A |
| **9LBM260LED** | C | 2X9 | 1170 | 4000 | white | 595 | 295 | 70 | 1/1 | A+ A++→A |
| **9LBM460LEDCW** | C | 4X9 | 2340 | 6400 | white | 595 | 595 | 70 | 1/1 | A+ A++→A |
| **9LBM460LED** | C | 4X9 | 2340 | 4000 | white | 595 | 595 | 70 | 1/1 | A+ A++→A |
| **9LBM2120LEDCW** | C | 2X18 | 2340 | 6400 | white | 1195 | 295 | 70 | 1/1 | A+ A++→A |
| **9LBM2120LED** | C | 2X18 | 2340 | 4000 | white | 1195 | 295 | 70 | 1/1 | A+ A++→A |
| **9LOM260LEDCW** | C | 2X9 | 1170 | 6400 | white | 630 | 330 | 70 | 1/1 | A+ A++→A |
| **9LOM260LED** | C | 2X9 | 1170 | 4000 | white | 630 | 330 | 70 | 1/1 | A+ A++→A |
| **9LOM460LEDCW** | C | 4X9 | 2340 | 6400 | white | 630 | 630 | 70 | 1/1 | A+ A++→A |
| **9LOM460LED** | C | 4X9 | 2340 | 4000 | white | 630 | 630 | 70 | 1/1 | A+ A++→A |
| **9LOM2120LEDCW** | C | 2X18 | 2340 | 6400 | white | 1230 | 330 | 70 | 1/1 | A+ A++→A |
| **9LOM2120LED** | C | 2X18 | 2340 | 4000 | white | 1230 | 330 | 70 | 1/1 | A+ A++→A |

with LED tubes STELLAR



**Body:** white powder painted steel | **Reflector:** aluminium mirror double parabolic grid - type V | **BM** - recessed mounted luminaire | **OM** - surface mounted luminaire | **Light source:** LED tubes

~230V | 50/60 Hz | LED T8 | G13 | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | IP 21 | RoHS COMPLIANT | EMC | 2+0 standard +extended 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days.***





## LENA-V OM

9LOM260LEDCWE
9LOM260LEDWE
9LOM460LEDCWE
9LOM460LEDWE
9LOM2120LEDCWE
9LOM2120LEDWE

## LENA-V BM

9LBM260LEDCWE
9LBM260LEDWE
9LBM460LEDCWE
9LBM460LEDWE
9LBM2120LEDCWE
9LBM2120LEDWE

LED | NEUTRAL WHITE 4000K | COOL WHITE 6400K | **IP21**

## LENA-V BM/OM with LED Tubes T8 and emergency kit

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **9LBM260LEDCWE** | C | 2X9 | 1170 | 6400K | white | 595 | 295 | 70 | 1/1 | A+ A++→A |
| **9LBM260LEDWE** | C | 2X9 | 1170 | 4000K | white | 595 | 295 | 70 | 1/1 | A+ A++→A |
| **9LBM460LEDCWE** | C | 4X9 | 2340 | 6400K | white | 595 | 595 | 70 | 1/1 | A+ A++→A |
| **9LBM460LEDWE** | C | 4X9 | 2340 | 4000K | white | 595 | 595 | 70 | 1/1 | A+ A++→A |
| **9LBM2120LEDCWE** | C | 2X18 | 2340 | 6400K | white | 1195 | 295 | 70 | 1/1 | A+ A++→A |
| **9LBM2120LEDWE** | C | 2X18 | 2340 | 4000K | white | 1195 | 295 | 70 | 1/1 | A+ A++→A |
| **9LOM260LEDCWE** | C | 2X9 | 1170 | 6400K | white | 630 | 330 | 70 | 1/1 | A+ A++→A |
| **9LOM260LEDWE** | C | 2X9 | 1170 | 4000K | white | 630 | 330 | 70 | 1/1 | A+ A++→A |
| **9LOM460LEDCWE** | C | 4X9 | 2340 | 6400K | white | 630 | 630 | 70 | 1/1 | A+ A++→A |
| **9LOM460LEDWE** | C | 4X9 | 2340 | 4000K | white | 630 | 630 | 70 | 1/1 | A+ A++→A |
| **9LOM2120LEDCWE** | C | 2X18 | 2340 | 6400K | white | 1230 | 330 | 70 | 1/1 | A+ A++→A |
| **9LOM2120LEDWE** | C | 2X18 | 2340 | 4000K | white | 1230 | 330 | 70 | 1/1 | A+ A++→A |

with LED tubes STELLAR





We offer the fixtures as per personal request with a fixed block and battery with a possibility for work in an emergency regime 60-180min

**Body:** white powder painted steel | **Reflector:** aluminium mirror double parabolic grid - type V | **BM** - recessed mounted luminaire | **OM** - surface mounted luminaire | **Light source:** LED tubes

~230V | 50/60 Hz | LED T8 | G13 | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | IP 21 | RoHS COMPLIANT | EMC | F | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



## VIKI

9VBM214LEDW
9VOM214LEDW



LED | NEUTRAL WHITE 4000K | **IP21**

UNTIL SUPPLY LAST

## VIKI luminaire with LED tubes T5 ELMARK

| Catalogue number | Product category | Watt (W) | Mounting type | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **9VBM214LEDW** | F | 2X10 | recessed | 1800 | 4000 | white | 595 | 295 | 55 | 1/1 | A++→A |
| **9VOM214LEDW** | F | 2X10 | surface | 1800 | 4000 | white | 600 | 300 | 55 | 1/1 | A++→A |

**Body:** white powder painted steel | **Reflector:** prismatic lens | **Ballast:** fixed inside the body | **BM** - recessed fixture for mounting in suspended ceiling Armstrong type | **OM** - surface mounted fixture

with LED tubes ELMARK



~230V | 50/60 Hz | LED T5 | G5 | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | IP 21 | RoHS COMPLIANT | EMC | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY



POLA
9PBME255LEDCW



POLA
9PMBME255LEDCW



LED COOL WHITE 6400K **IP21**

UNTIL SUPPLY LAST

## POLA luminaire with LED PLL ELMARK

| Catalogue number | Product category | Watt (W) | Mounting type | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **9PMBME255LEDCW** | F | recessed | 2x20 | 3600 | 5500 | white | 595 | 595 | 80 | 1/1 | A++→A |
| **9PBME255LEDCW** | F | recessed | 2x20 | 3700 | 5500 | white | 595 | 595 | 80 | 1/1 | A++→A |

with LED PLL ELMARK



~230V | 50/60 Hz | PLL | 2G11 | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | IP 21 | RoHS COMPLIANT | EMC | 3+0 standard +extended 3 YEAR TOTAL WARRANTY



PRISMATIC T5



**IP21**

UNTIL SUPPLY LAST

## PRISMATIC T5

| Catalogue number | Product category | Watt (W) | Colour body | Ballast | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **9PROM235** | F | 2X35 | white | electronic | 1500 | 300 | 70 | 1/1 | A++→B |
| **9PROM249** | F | 2X49 | white | electronic | 1500 | 300 | 70 | 1/1 | A++→B |

**Body:** white powder painted steel | **Reflector:** prismatic lens | **Ballast:** fixed inside the body | **BM** - recessed fixture for mounting in suspended ceiling Armstrong type | **OM** - surface mounted fixture

~230V | 50/60 Hz | T5 | RoHS | EMC | F | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY



PRISMATIC
9PRBME214LEDW



PRISMATIC
9PROM214LEDW
9PROM414LEDW

LED

UNTIL SUPPLY LAST

## PRISMATIC luminaire with LED tubes T5 ELMARK

| Catalogue number | Product category | Watt (W) | Mounting type | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **9PRBME214LEDW** | F | 2X10 | recessed | 1700 | 4000 | white | 595 | 295 | 70 | 1/1 | A++→A |
| **9PROM214LEDW** | F | 2X10 | surface | 1700 | 4000 | white | 608 | 308 | 70 | 1/1 | A++→A |
| **9PROM414LEDW** | F | 4X10 | surface | 3400 | 4000 | white | 595 | 595 | 70 | 1/1 | A++→A |

with LED tubes ELMARK



~230V | 50/60 Hz | LED T5 | G5 | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | IP 21 | RoHS COMPLIANT | EMC | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY



PRISMATIC
9PROME209LEDW
9PROME209LEDCW



PRISMATIC
9PRBME209LEDW
9PRBME209LEDCW
9PRBME218LEDW
9PRBME218LEDCW



UNTIL SUPPLY LAST

## PRISMATIC luminaire with LED tubes T8 STELLAR

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **9PRBME209LEDW** | F | 2X9 | 1080 | 4000K | white | 595 | 295 | 70 | 1/1 | A+ A++→A |
| **9PRBME209LEDCW** | F | 2X9 | 1080 | 6400K | white | 595 | 295 | 70 | 1/1 | A+ A++→A |
| **9PRBME218LEDW** | F | 2X18 | 2160 | 4000K | white | 1195 | 295 | 70 | 1/1 | A+ A++→A |
| **9PRBME218LEDCW** | F | 2X18 | 2160 | 6400K | white | 1195 | 295 | 70 | 1/1 | A+ A++→A |
| **9PROME209LEDW** | F | 2X9 | 1080 | 4000K | white | 608 | 308 | 70 | 1/1 | A+ A++→A |
| **9PROME209LEDCW** | F | 2X9 | 1080 | 6400K | white | 608 | 308 | 70 | 1/1 | A+ A++→A |

with LED tubes STELLAR



~230V | 50/60 Hz | LED T8 | G13 | Ra≥80 | >20000 | INSTANT 100% | 15000h | Hg | IP 21 | RoHS COMPLIANT | EMC | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY



## CAB-20
920LED011
920LED111



## CAB-19
919LED010
919LED110



LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | **IP20**

UNTIL SUPPLY **LAST**

## CAB

| Catalogue number | Product category | Watt (W) | Lumen (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **920LED011** | F | 12 | 1050 | 4000 | grey | 500 | 42 | 15 | 1/60 | A++→A |
| **920LED111** | F | 12 | 1050 | 2700 | grey | 500 | 42 | 15 | 1/60 | A++→A |
| **919LED010** | F | 2,8 | 185 | 4000 | grey | 160 | 50 | 9 | 1/10 | A++→A |
| **919LED110** | F | 2,8 | 185 | 2700 | grey | 160 | 50 | 9 | 1/10 | A++→A |

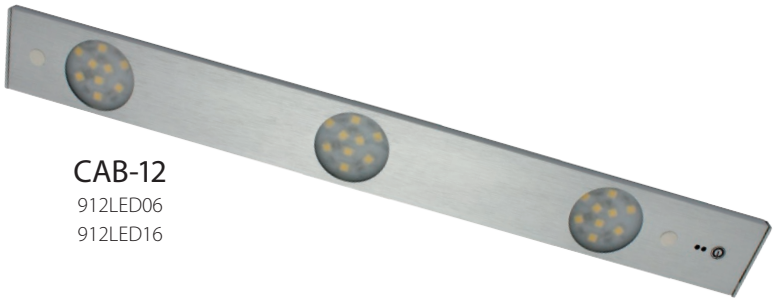
**Body:** Aluminium | **Diffuser:** PMMA | **Sensor:** NO | w/o driver | **Light source:** Epistar | **Assemble:** Surface Mounted

**Starting time:** <0.01s | **With integrated door sensor(CAB-19)** - The lamp will switch on when the door is open and switch off when the door is closed. Reaction distance is 50mm - 100mm. | w/o driver

12V DC | SMD 5050 | 120° | Ra≥80 | >10000 | INSTANT 100% | 30000h | Hg | IP 20 | RoHS COMPLIANT | EMC | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY



CAB-11
911LED04
911LED14



CAB-12
912LED06
912LED16



LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | IP20

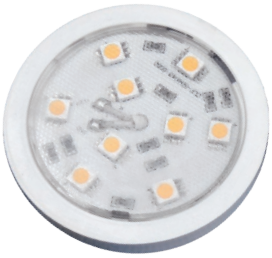
UNTIL SUPPLY LAST

## CAB

| Catalogue number | Product category | Watt (W) | Lumen (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **911LED04** | F | 3,5 | 270 | 4000 | grey | 450 | 23 | 7 | 1/10 | A++→A |
| **911LED14** | F | 3,5 | 270 | 2700 | grey | 450 | 23 | 7 | 1/10 | A++→A |
| **912LED06** | F | 7 | 480 | 4000 | grey | 450 | 50 | 9 | 1/10 | A++→A |
| **912LED16** | F | 7 | 480 | 2700 | grey | 450 | 50 | 9 | 1/10 | A++→A |

**Body:** Aluminium | **Diffuser:** PMMA | **With integrated motion sensor** - The lamp will switch on when you move your hand in front of the sensor, and switch off when you move your hands again. | w/o driver | **Light source:** Epistar | **Assemble:** Surface Mounted | **Starting time:** <0.01s

12V DC | SMD 5050 | 120° | Ra≥80 | >10000 | INSTANT 100% | 30000h | Hg | IP 20 | RoHS COMPLIANT | EMC | 3+0 standard +extended 3 YEAR TOTAL WARRANTY



CAB-13
913LED11



CAB-14
914LED02
914LED12



CAB-15
915LED03
915LED13



CAB-16
916LED05
916LED15

LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | IP20

UNTIL SUPPLY LAST

## CAB

| Catalogue number | Product category | Watt (W) | Voltage (V) | Lumen (lm) | Colour temp. (K) | Colour body | Beam angle | Length (mm) | Width (mm) | Height (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **914LED12** | F | 2,4 | 12 DC | 210 | 2700 | silver | 120° | 57 | 57 | 10 | - | 1/100 | A++→A |
| **915LED03** | F | 1,8 | 12 DC | 160 | 4000 | silver | 120° | 57 | 57 | 10 | - | 1/100 | A++→A |
| **915LED13** | F | 1,8 | 12 DC | 160 | 2700 | silver | 120° | 57 | 57 | 10 | - | 1/100 | A++→A |
| **916LED05** | F | 1 | 12 DC | 90 | 4000 | chrome | 120° | 52 | 52 | 10 | - | 1/100 | A++→A |
| **916LED15** | F | 1 | 12 DC | 90 | 2700 | chrome | 120° | 52 | 52 | 10 | - | 1/100 | A++→A |



**JUNCTION BOX FOR CAB-18**
3 mouths with 10 cm wire - **99LED456**
6 mouths with 10 cm wire - **99LED457**
12 mouths with 10 cm wire - **99LED458**

**Body:** ABS | **Diffuser:** PC | **Sensor:** NO | w/o driver | **Light source:** Epistar | **Assemble:** Surface Mounted | **Starting time:** <0.01s

12V DC | Ra≥80 | >10000 | INSTANT 100% | 30000h | Hg | IP 20 | RoHS COMPLIANT | EMC | F | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY



CAB-08
908508
908521



CAB-01A
902521
902506



**IP21**

UNTIL SUPPLY LAST

## CAB

| Catalogue number | Product category | Model | Watt (W) | Colour body | Body | Length (mm) | Width (mm) | Height (mm) | Ballast | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **9A01506** | F | CAB-01A | 6 | white | PVC | 268 | 23 | 44 | electronic | 1/40 | B A++→B |
| **9A01508** | F | CAB-01A | 8 | white | PVC | 345 | 23 | 44 | electronic | 1/40 | B A++→B |
| **908508** | F | CAB-08 | 8 | grey | Aluminium | 365 | 58 | 70 | electronic | 1/16 | B A++→B |
| **908521** | F | CAB-08 | 21 | grey | Aluminium | 935 | 58 | 70 | electronic | 1/12 | B A++→B |

~230V 50/60 Hz T5 G5 6500K Ra≥80 IP 21 RoHS F CE 2+0 standard +extended 2 YEAR TOTAL WARRANTY



CAB-07
907521



CAB-03
903508
903513
903521



**IP21**

UNTIL SUPPLY LAST

## CAB

| Catalogue number | Product category | Model | Watt (W) | Colour body | Body | Length (mm) | Width (mm) | Height (mm) | Ballast | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **903508** | F | CAB-03 | 8 | grey | Aluminium | 363 | 88 | 45 | electronic | 1/20 | B A++→B |
| **903513** | F | CAB-03 | 13 | grey | Aluminium | 592 | 88 | 45 | electronic | 1/20 | B A++→B |
| **903521** | F | CAB-03 | 21 | grey | Aluminium | 925 | 88 | 45 | electronic | 1/20 | B A++→B |
| **903528** | F | CAB-03 | 28 | grey | Aluminium | 1225 | 88 | 45 | electronic | 1/20 | B A++→B |
| **907521** | F | CAB-07 | 21 | grey | Aluminium | 895 | 70 | 135 | electronic | 1/12 | B A++→B |

~230V · 50/60 Hz · T5 · G5 · 6500K · Ra≥80 · IP 21 · RoHS COMPLIANT · F · CE · 2+0 standard +extended · 2 YEAR TOTAL WARRANTY


EXIT



EL3LED
92EL3LED



XL102
9XL102LED



LED COOL WHITE 6400K **IP21**

## EMERGENCY FIXTURE XL102 / EL3LED

| Catalogue number | Product category | Model | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Discharge time (h) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **92EL3LED** | C | EL3LED | 5 W | 150 | 6000 | 3 | white | 140 | 140 | 20 | 1/1 | A++→A |
| **9XL102LED** | C | XL102LED | 30X0,067W | 100 | 6000 | 5 | white | 200 | 54 | 32 | 1/60 | A++→A |

XL102LED - **Voltage:** 127-220V/50HZ | **Battery:** Lithium 3.7V/1000mAh | **Charging:** 220V- 12h; 120V- 24h | **Light source:** SMD 2835 | Two files dimming | Over charge protection | **Body:** PVC

~230V | 50/60 Hz | 20000h | IP 21 | RoHS COMPLIANT | EMC | 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock for EL3LED, the delivery time after order confirmation will be 45 days, and for XL102 will be 90 days.***




XL101
9XL101BLED
9XL101CLED



LED COOL WHITE 6400K **IP21**

## XL101

| Catalogue number | Product category | Model | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **9XL101BLED** | C | XL101BLED | 18X0,1W | 60 | 6200-6500 | white | 246 | 76 | 41 | 1/10 | A++→A |
| **9XL101CLED** | C | XL101CLED | 24X0,1W | 75 | 6200-6500 | white | 327 | 76 | 43 | 1/10 | A++→A |




**Body:** PVC | **Diffuser:** PVC | Duration time approx 4 hours | **Battery:** 3,6V / 800mAh Ni-Cd

**Note:** with stickers

~230V | 50/60 Hz | Ra>70 | 20000h | Hg | IP 21 | RoHS | EMC | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***




XL88
9XL88 LED




XL88
9XL88A LED

LED IP21

XL88

| Catalogue number | Product category | Model | Watt (W) | Whole fixture lumens (lm) | Lamp | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **9XL88LED** | C | XL88 LED / DOUBLE FACE | 3 | 35 | LED | 360 | 150 | 25 | 1/10 | A++→A |
| **9XL88A LED** | C | XL88A LED / ONE FACE ONLY | 3 | 35 | LED | 360 | 150 | 25 | 1/10 | A++→A |

**Frame:** aluminium | **Diffuser:** glass | Duration time approx 3 hours | **battery:** 2,4V / 800mAh Ni-Cd

~230V | 50/60 Hz | IP 21 | RoHS | EMC | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



9XL3114



9XL5113




9XL3115



9XL5114



9AL3116
Plasterboard Mounting



9AL3117
Plasterboard Mounting



LED **IP21**

## XL/AL EMERGENCY LIGHT

| Catalogue number | Product category | Model | LED Type | Discharge time (h) | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **9XL5113** | C | XL5113 | 6 super bright SMD LED | 3 | 220 | 260 | 22 | 1/20 | A++→A |
| **9XL5114** | C | XL5114 | 6 super bright SMD LED | 3 | 220 | 260 | 22 | 1/20 | A++→A |
| **9XL3114** | C | XL3114 | 6 super bright SMD LED | 3 | 220 | 260 | 22 | 1/20 | A++→A |
| **9XL3115** | C | XL3115 | 6 super bright SMD LED | 3 | 220 | 260 | 22 | 1/20 | A++→A |
| **9AL3116** | C | AL3116 Plasterboard | 6 pieces D5 LED | 3 | 380 | 210 | 50 | 1/20 | A++→A |
| **9AL3117** | C | AL3117 Plasterboard | 6 pieces D5 LED | 3 | 380 | 210 | 50 | 1/20 | A++→A |

XL Models
**Frame:** PVC | **Diffuser:** PVC | **Battery:** 3,6V/300mAh | **Charge time:** 8-12h | **Conversion time:** <0.2sek | **Ambient temperature:** -10+40°C | With test button

AL Model
**Frame:** Aluminium alloy | **Power:** 1,5W | **Battery:** 1,2V/800mAh | **Conversion time:** <0.2sek | **Ambient temperature:** -10+40°C | **Mounting:** Plasterboard

~230V | 50/60 Hz | 20000h | Hg | IP 21 | RoHS | EMC | F | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



# BATHROOM



POSEIDON
955POSEIDON12
955POSEIDON18
955POSEIDON24



TRITON
955TRITON7



LED NEUTRAL WHITE 4000K **IP44**

## POSEIDON / TRITON

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Width/Diameter (mm) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **955TRITON7** | C | 7 | 576 | 4000 | Chrome | 60 | 480 | 125 | 1/20 | A++→A |
| **955POSEIDON12** | C | 12 | 960 | 4000 | Chrome | 60 | 420 | 40 | 1/10 | A++→A |
| **955POSEIDON18** | C | 18 | 1440 | 4000 | Chrome | 60 | 655 | 40 | 1/10 | A++→A |
| **955POSEIDON24** | C | 24 | 1920 | 4000 | Chrome | 60 | 965 | 40 | 1/10 | A++→A |

**Body:** aluminium alloy | LED Bath Light.

~230V 50/60 Hz SMD 30° Ra>80 >50000 INSTANT 100% 30000h Hg IP 44 RoHS EMC F CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



MIRROR LIGHT
95IP4411/2
over cabinet



MIRROR LIGHT
95IP4411
95IP4414



MIRROR LIGHT
95IP4413



MIRROR LIGHT
95IP4412

LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | IP44

## LED MIRROR LIGHT

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Height (mm) | Width (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **95IP4411** | C | 8 | 504 | 4000 | 120° | 400 | 121 | 42 | 1/20 | A++→A |
| **95IP4414** | C | 8 | 504 | 2700 | 120° | 400 | 121 | 42 | 1/20 | A++→A |
| **95IP4411/2** | C | 8 | 504 | 4000 | 120° | 400 | 121 | 42 | 1/20 | A++→A |
| **95IP4412** | C | 15 | 1200 | 4000 | 133° | 600 | 65 | 53 | 1/12 | A++→A |
| **95IP4413** | C | 20 | 1600 | 4000 | 133° | 900 | 65 | 53 | 1/12 | A++→A |

**Body:** Aluminium + PC | **Light source:** SMD 2835

~230V | 50/60 Hz | SMD | 120° | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | IP 44 | RoHS COMPLIANT | EMC | 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



ALEXA
955ALEXA10/AB



ALEXA
955ALEXA10/CH



LED NEUTRAL WHITE 4000K **IP44**

## ALEXA

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **955ALEXA10/AB** | C | 10 | 600 | 4000 | Antique brass | 400 | 50 | 1/1 | A++→A |
| **955ALEXA10/CH** | C | 10 | 600 | 4000 | Chrome | 400 | 50 | 1/1 | A++→A |

**Body:** Metal

~230V 50/60 Hz SMD Ra≥80 >20000 INSTANT 100% 30000h Hg IP 44 RoHS EMC F CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



RODA
95IP4403



NILOS
95IP4405



OCEAN
95IP4409



OCEAN
95IP4410



**IP44**

UNTIL SUPPLY LAST

## MIRROR LIGHT

| Catalogue number | Product category | Description | Body | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **95IP4403** | F | Wall lamp | Metal and glass | Satin nickel | 275 | 70 | 120 | 1 x E14 | 1/1 | A++→A |
| **95IP4405** | F | Wall lamp | Metal and glass | Chrome | 310 | 80 | 80 | 1 x E14 | 1/1 | A++→A |
| **95IP4409** | F | Wall lamp | Metal and glass | Chrome | 55 | 421 | 67 | 1 x T5 / 8W | 1/1 | A++→A |
| **95IP4410** | F | Wall lamp | Metal and glass | Chrome | 55 | 650 | 67 | 1 x T5 / 14W | 1/1 | A++→A |

~230V | 50/60 Hz | IP 44 | RoHS | 2+0 standard +extended 2 YEAR TOTAL WARRANTY



LED PANEL ROUND IP44
99LED609IP44
99LED609IP44CW



LED PANEL ROUND IP44
99LED611IP44
99LED611IP44CW



LED PANEL ROUND IP44
99LED617IP44
99LED617IP44CW

LED NEUTRAL WHITE 4000K COOL WHITE 6400K **IP44**

## LED PANEL ROUND IP44

| Catalogue number | Catalogue number with Emergency kit | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **99LED609IP44** | **99LED609IP44E** | C | 5 | 400 | 4000 | white | 90 | 21 | 40 | A++→A |
| **99LED609IP44CW** | **99LED609IP44CWE** | C | 5 | 400 | 6500 | white | 90 | 21 | 40 | A++→A |
| **99LED611IP44** | **99LED611IP44E** | C | 12 | 960 | 4000 | white | 175 | 21 | 20 | A++→A |
| **99LED611IP44CW** | **99LED611IP44CWE** | C | 12 | 960 | 6500 | white | 175 | 21 | 20 | A++→A |
| **99LED617IP44** | **99LED617IP44E** | C | 18 | 1440 | 4000 | white | 225 | 21 | 20 | A++→A |
| **99LED617IP44CW** | **99LED617IP44CWE** | C | 18 | 1440 | 6500 | white | 225 | 21 | 20 | A++→A |



**Emergency kit** with a possibility for work in an emergency regime more than two hours.

**Body:** aluminium | **Light source:** SMD 2835 | **Recessed mounted luminaire** | **Beam angle:** 120°| **Driver:** Isolated
Easy installation due to handy clips | Recessed mounted luminaire.

~230V | 50/60 Hz | SMD | 120° | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | RoHS COMPLIANT | EMC | F | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



WATERPROOF LED PANEL ROUND
99LED609IP65
99LED609IP65CW



WATERPROOF LED PANEL ROUND
99LED611IP65
99LED611IP65CW



WATERPROOF LED PANEL ROUND
99LED617IP65
99LED617IP65CW

LED | NEUTRAL WHITE 4000K | COOL WHITE 6400K | **IP65**

## WATERPROOF LED PANEL ROUND

| Catalogue number | Catalogue number with Emergency kit | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **99LED609IP65** | **99LED609IP65E** | C | 5 | 400 | 4000 | white | 90 | 27 | 1/40 | A++→A |
| **99LED609IP65CW** | **99LED609IP65CWE** | C | 5 | 400 | 6500 | white | 90 | 27 | 1/40 | A++→A |
| **99LED611IP65** | **99LED611IP65E** | C | 10 | 800 | 4000 | white | 150 | 27 | 1/40 | A++→A |
| **99LED611IP65CW** | **99LED611IP65CWE** | C | 10 | 800 | 6500 | white | 150 | 27 | 1/40 | A++→A |
| **99LED617IP65** | **99LED617IP65E** | C | 18 | 1440 | 4000 | white | 225 | 27 | 1/20 | A++→A |
| **99LED617IP65CW** | **99LED617IP65CWE** | C | 18 | 1440 | 6500 | white | 225 | 27 | 1/20 | A++→A |



**Emergency kit** with a possibility for work in an emergency regime more than two hours.

**Body:** policarbonate (pc) | **Reflector:** policarbonate (pc) | **Light source:** Epistar | **Starting time:** <0.5s | **Power factor:** λ>0.8
Easy installation due to handy clips | Recessed mounted luminaire.

~230V | 50/60 Hz | SMD | 120° | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | IP 65 | RoHS COMPLIANT | EMC | F | CE | 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



ELR627
92627/W



ELR627
92627/SN



ELR627
92627/CH



ELR627
92627/AB



**IP44**

## ELR627 - BATHROOM, IP44

| Catalogue number | Product category | Model | Diameter (mm) | Height (mm) | Diameter1 (mm) | Colour body | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **92627/W** | C | ELR627 | 90 | 33 | 60 | white | 1/100 | A++→E |
| **92627/SN** | C | ELR627 | 90 | 33 | 60 | satin nickel | 1/100 | A++→E |
| **92627/CH** | C | ELR627 | 90 | 33 | 60 | chrome | 1/100 | A++→E |
| **92627/AB** | C | ELR627 | 90 | 33 | 60 | antique brass | 1/100 | A++→E |

**Body:** steel | **Diffuser:** glass

~230V | 12V | 50/60 Hz | max. 50W | IP 44 | RoHS COMPLIANT | III | F | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



SA-044
92044/G



SA-144
92144/CH



SA-144
92144/RAB



**IP44**

UNTIL SUPPLY LAST

## SA

| Catalogue number | Product category | Model | Diameter (mm) | Length (mm) | Height (mm) | Diameter1 (mm) | Colour body | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **92144/CH** | F | SA-144 | - | 85 | 48 | 72 | chrome | 1/50 | A++→E |
| **92144/RAB** | F | SA-144 | - | 85 | 48 | 72 | red antique brass | 1/50 | A++→E |
| **92044/G** | F | SA-044 | 80 | - | 37 | 71 | gold | 1/50 | A++→E |

**Body:** steel | **Diffuser:** glass | **Ring:** aluminium alloy

With the purchase of additional lampholder GU10, spotlights can be used with 230V GU10 lamps.

12V | 50/60 Hz | MR-16 | GU5.3 | max. 50W | IP 20 IP 44 | RoHS COMPLIANT | F | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY



# OUTDOOR



# BELT LIGHT

961527



**IP44**

## BELT LIGHT

| Catalogue number | Product category | Cable length (m) | Cable specification | Lamp holder | QTY of lamp holder | IP | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **961527** | C | 5 | H05RN-F 2x1.0mm² | E27 | 15 | 44 | 1/5 | A++→E |



Length 5m / 15 lamps holders



**Voltage:** 220-240V AC | **Conectors type:** 3 pcs male/female | **Lamps not included**

IP 44 RoHS CE 2+0 standard +extended 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



JOSH
96402WD/BK



JOSH
96403P/BK



JOSH
96404MF/BK



JOSH
96405MF/BK

**IP44**

## JOSH

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **96402WD/BK** | C | Wall lantern | Matt black | 185 | 240 | 450 | 1 x E27 | 1/6 | A++→E |
| **96403P/BK** | C | Hanging lantern | Matt black | 185 | - | 290 | 1 x E27 | 1/6 | A++→E |
| **96404MF/BK** | C | Lantern floor post | Matt black | 185 | - | 460 | 1 x E27 | 1/6 | A++→E |
| **96405MF/BK** | C | Lantern floor post | Matt black | 185 | - | 2000 | 1 x E27 | 1/20 | A++→E |



SP60 METAL POLE
Colour: black
Size (mm):
Diameter 60 x Base Ø 145
Height: 600 - **93SP60BL**
Height: 800 - **93SP80BL**
Height: 1000 - **93SP100BL**
Height: 1200 - **93SP120BL**

**Body:** Aluminium with glass

~230V | 50/60 Hz | E27 | 1,5mm² | IP 44 | RoHS | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



JOSH
96402WD/AB



JOSH
96403P/AB



JOSH
96404MF/AB



JOSH
96405MF/AB

**IP44**

## JOSH

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **96402WD/AB** | C | Wall lantern | Antique brass | 185 | 240 | 450 | 1 x E27 | 1/6 | A++→E |
| **96403P/AB** | C | Hanging lantern | Antique brass | 185 | - | 290 | 1 x E27 | 1/6 | A++→E |
| **96404MF/AB** | C | Lantern floor post | Antique brass | 185 | - | 460 | 1 x E27 | 1/6 | A++→E |
| **96405MF/AB** | C | Lantern floor post | Antique brass | 185 | - | 2000 | 1 x E27 | 1/20 | A++→E |



SP60 METAL POLE
Colour: black
Size (mm):
Diameter 60 x Base Ø 145
Height: 600 - **93SP60BL**
Height: 800 - **93SP80BL**
Height: 1000 - **93SP100BL**
Height: 1200 - **93SP120BL**

**Body:** Aluminium with glass

~230V | 50/60 Hz | E27 | 1,5mm² | IP 44 | RoHS | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



ALEK
96301WD/BK



ALEK
96301WU/BK



ALEK
96305F/BK



ALEK
96303P/BK



ALEK
96304MF/BK



**IP44**

## ALEK

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **96301WD/BK** | C | Wall lantern | Matt black | 150 | 175 | 295 | 1 x E27 | 1/6 | A++→E |
| **96301WU/BK** | C | Wall lantern | Matt black | 150 | 175 | 365 | 1 x E27 | 1/6 | A++→E |
| **96303P/BK** | C | Hanging lantern | Matt black | 150 | 150 | 230 | 1 x E27 | 1/6 | A++→E |
| **96304MF/BK** | C | Lantern floor post | Matt black | 150 | 150 | 370 | 1 x E27 | 1/6 | A++→E |
| **96305F/BK** | C | Lantern floor post | Matt black | 150 | 150 | 830 | 1 x E27 | 1/6 | A++→E |

**Body:** Aluminium with glass

~230V | 50/60 Hz | E27 | 1,5mm² | IP 44 | RoHS COMPLIANT | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



ALEK
96301WD/BRB



ALEK
96301WU/BRB



ALEK
96305F/BRB



ALEK
96303P/BRB



ALEK
96304MF/BR

**IP44**

## ALEK

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **96301WD/BRB** | C | Wall lantern | Antique copper | 150 | 175 | 295 | 1 x E27 | 1/6 | A++→E |
| **96301WU/BRB** | C | Wall lantern | Antique copper | 150 | 175 | 365 | 1 x E27 | 1/6 | A++→E |
| **96303P/BRB** | C | Hanging lantern | Antique copper | 150 | 150 | 230 | 1 x E27 | 1/6 | A++→E |
| **96304MF/BRB** | C | Lantern floor post | Antique copper | 150 | 150 | 370 | 1 x E27 | 1/6 | A++→E |
| **96305F/BRB** | C | Lantern floor post | Antique copper | 150 | 150 | 830 | 1 x E27 | 1/6 | A++→E |

**Body:** Aluminium with glass

~230V | 50/60 Hz | E27 | 1,5mm² | IP 44 | RoHS | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



ERIK
96101WU/BK



ERIK
96102WD/BK



ERIK
96105F/BK



ERIK
96103P/BK



ERIK
96104MF/BK



**IP44**

## ERIK

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **96101WU/BK** | C | Wall lantern | Matt black | 155 | 170 | 325 | 1 x E27 | 1/6 | A++→E |
| **96102WD/BK** | C | Wall lantern | Matt black | 155 | 170 | 285 | 1 x E27 | 1/6 | A++→E |
| **96103P/BK** | C | Hanging lantern | Matt black | 155 | - | 300 | 1 x E27 | 1/6 | A++→E |
| **96104MF/BK** | C | Lantern floor post | Matt black | 155 | - | 370 | 1 x E27 | 1/6 | A++→E |
| **96105F/BK** | C | Lantern floor post | Matt black | 155 | - | 775 | 1 x E27 | 1/6 | A++→E |

**Body:** Aluminium with glass

~230V | 50/60 Hz | E27 | 1,5mm² | IP 44 | RoHS | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



ERIK
96101WU/AB



ERIK
96102WD/AB



ERIK
96105F/AB



ERIK
96103P/AB



ERIK
96104MF/AB

**IP44**

## ERIK

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **96101WU/AB** | C | Wall lantern | Antique brass | 155 | 170 | 325 | 1 x E27 | 1/6 | A++→E |
| **96102WD/AB** | C | Wall lantern | Antique brass | 155 | 170 | 285 | 1 x E27 | 1/6 | A++→E |
| **96103P/AB** | C | Hanging lantern | Antique brass | 155 | - | 300 | 1 x E27 | 1/6 | A++→E |
| **96104MF/AB** | C | Lantern floor post | Antique brass | 155 | - | 370 | 1 x E27 | 1/6 | A++→E |
| **96105F/AB** | C | Lantern floor post | Antique brass | 155 | - | 775 | 1 x E27 | 1/6 | A++→E |

**Body:** Aluminium with glass

~230V | 50/60 Hz | E27 | 1,5mm² | IP 44 | RoHS | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



NICK
96501WU/BK



NICK
96504MF/BK



NICK
96503P/BK



NICK
96505F/BK



**IP44**

## NICK

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **96501WU/BK** | C | Wall lantern | Matt black | 210 | 175 | 230 | 1 x E27 | 1/12 | A++→E |
| **96503P/BK** | C | Hanging lantern | Matt black | 175 | 175 | 220 | 1 x E27 | 1/12 | A++→E |
| **96504MF/BK** | C | Lantern floor post | Matt black | 175 | 175 | 240 | 1 x E27 | 1/12 | A++→E |
| **96505F/BK** | C | Lantern floor post | Matt black | 175 | 175 | 720 | 1 x E27 | 1/6 | A++→E |

**Body:** Aluminium with PVC

~230V | 50/60 Hz | E27 | 1,5mm² | IP 44 | RoHS | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



NICK
96501WU/AB



NICK
96504MF/AB



NICK
96503P/AB



NICK
96505F/AB



**IP44**

## NICK

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **96501WU/AB** | C | Wall lantern | Antique brass | 210 | 175 | 230 | 1 x E27 | 1/12 | A++→E |
| **96503P/AB** | C | Hanging lantern | Antique brass | 175 | 175 | 220 | 1 x E27 | 1/12 | A++→E |
| **96504MF/AB** | C | Lantern floor post | Antique brass | 175 | 175 | 240 | 1 x E27 | 1/12 | A++→E |
| **96505F/AB** | C | Lantern floor post | Antique brass | 175 | 175 | 720 | 1 x E27 | 1/6 | A++→E |

**Body:** Aluminium with PVC

~230V | 50/60 Hz | E27 | 1,5mm² | IP 44 | RoHS | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



MARK
96202WD/BRB



MARK
96204MF/BRB



MARK
96201WU/BRB



MARK
96202WD/BK



MARK
96201WU/BK



**IP44**

UNTIL SUPPLY LAST

## MARK

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **96202WD/BRB** | F | Wall lantern | Antique copper | 200 | 230 | 420 | 1 x E27 | 1/6 | A++→E |
| **96201WU/BRB** | F | Wall lantern | Antique copper | 200 | 230 | 420 | 1 x E27 | 1/6 | A++→E |
| **96204MF/BRB** | F | Lantern floor post | Antique copper | 200 | - | 490 | 1 x E27 | 1/6 | A++→E |
| **96202WD/BK** | F | Wall lantern | Matt black | 200 | 230 | 420 | 1 x E27 | 1/6 | A++→E |
| **96201WU/BK** | F | Wall lantern | Matt black | 200 | 230 | 420 | 1 x E27 | 1/6 | A++→E |

**Body:** Aluminium with glass | **Lamps not included**

~230V | 50/60 Hz | E27 | 1,5mm² | IP 44 | RoHS | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY



IESSE
96IESSEWLBL



GOLIA
96GOLIAP/BL



GOLIA
96GOLIAWL/BL

**IP55** **Resin**

## GOLIA/ IESSE

| Catalogue number | Product category | Description | Colour | Width (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **96GOLIAWL/BL** | C | Wall lantern | Black | 300 | 450 | 1xE27 | 1/12 | A++→E |
| **96GOLIAP/BL** | C | Hanging lantern | Black | 230 | 800 | 1xE27 | 1/12 | A++→E |
| **96IESSEWL/BL** | C | Wall half lantern | Black | 220 | 350 | 1xE27 | 1/16 | A++→E |

**Lantern body:** Resin with clear glass| UV resistant | Lamp not included






Recommended bulbs:

**99LED588** LED PEAR A60 12W 4000K | **99LED587** LED PEAR A60 12W 2700K | **99LED821** LED PEAR A60 12W 6400K

**99LED773D** LED Vintage 8W 2700K

~230V | 50/60 Hz | E27 | RoHS | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.***



ANNA
96120WU/BL



ANNA
96120MF/BL



ANNA
96120P/BL



ANNA 6W
96120F/BL

**IP55** **Resin**

## SMALL SIZES GARDEN LANTERN ANNA

| Catalogue number | Product category | Model | Lamp included | Colour | Width (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **96120WU/BL** | C | Wall lantern- UP | no | black | 275 | 450 | E27 | 1/18 | A++→E |
| **96120P/BL** | C | Wall lantern- Hanging | no | black | 220 | 800 | E27 | 1/18 | A++→E |
| **96120MF/BL** | C | Lantern floor post | no | black | 130 | 385 | E27 | 1/18 | A++→E |
| **96120F/BL** | C | Lantern floor post | yes | black | 150/50/220 | 1100 | E27 | 1 | A++→E |

**Lantern body:** Resin with glass| UV resistant | Lamp not included

**96120F/BL:** 6W bulb included; 800 lm ; 4000K

**Post lantern body:** steel+resin | Anticorrosion | UV-rays stabilized| Not affected by chenical fertilizes





Recommended bulbs:
**99LED588** LED PEAR A60 12W 4000K | **99LED587** LED PEAR A60 12W 2700K | **99LED821** LED PEAR A60 12W 6400K
**99LED773D** LED Vintage 8W 2700K

~230V | 50/60 Hz | E27 | RoHS | F | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.***



50193
9350193AC



50023
9350023AC



50313
9350313AC
9350313WH



50073
9350073WH



50183
9350183WH
9350183AC



**IP44**

UNTIL SUPPLY LAST

## LANTERN

| Catalogue number | Product category | Model | Colour | Width (mm) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **9350023AC** | F | 50023 HANGING | oxidated copper | 255 | 340 | 255 | 1/12 | A++→E |
| **9350183WH** | F | 50183 HANGING | white | 165 | 340 | 165 | 1/12 | A++→E |
| **9350183AC** | F | 50183 HANGING | oxidated copper | 165 | 340 | 165 | 1/12 | A++→E |
| **9350073WH** | F | 50073 HANGING | white | 165 | 340 | 200 | 1/12 | A++→E |
| **9350193AC** | F | 50193 HANGING | oxidated copper | 150 | 330 | 150 | 1/12 | A++→E |
| **9350313AC** | F | 50313 HANGING | oxidated copper | 195 | 330 | 195 | 1/12 | A++→E |
| **9350313WH** | F | 50313 HANGING | white | 195 | 330 | 195 | 1/12 | A++→E |

**Body:** aluminium | **Diffuser:** glass | **Colour:** white - 93SO63WH | **Colour:** oxidized copper - 93SO63AC | **Lamps not included**

~230V | 50/60 Hz | E27 | 1,5mm² | IP 44 | RoHS | 2+0 standard +extended 2 YEAR TOTAL WARRANTY



GLOBE 250
96G250WL/BL



GLOBE 250
96G250P/BL



GLOBE 250
96G250MF/BL

**IP55** **Resin**

## GLOBE 250

| Catalogue number | Product category | Description | Colour | Width/ Diameter (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **96G250WL/BL** | C | Wall lamp | Black | 300 | 360 | 1xE27 | 1/36 | A++→E |
| **96G250MF/BL** | C | Floor lamp | Black | 250 | 350 | 1xE27 | 1/36 | A++→E |
| **96G250P/BL** | C | Hanging lamp | Black | 250 | 700 | 1xE27 | 1/36 | A++→E |

**Lantern body:** Resin with clear glass| UV resistant | Lamp not included






Recommended bulbs:

**99LED588** LED PEAR A60 12W 4000K | **99LED587** LED PEAR A60 12W 2700K | **99LED821** LED PEAR A60 12W 6400K

**99LED773D** LED Vintage 8W 2700K

~230V | 50/60 Hz | E27 | RoHS | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.***



GRF157 LED
96LEDW157



GRF157 LED
96LEDP15780



GRF968 LED
968LEDP500



LED NEUTRAL WHITE 4000K **IP54**

UNTIL SUPPLY LAST

## GRF157 LED / GRF968 LED

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **96LEDW157** | F | 10 | 800 | 4000 | dark gray | 250 | 90 | 80 | 1/9 | A++→A |
| **96LEDP15780** | F | 10 | 800 | 4000 | dark gray | 800 | | 100 | 1/9 | A++→A |
| **968LEDP500** | F | 6 | 480 | 4000-4300 | dark grey | 500 | 186 | 183 | 1/4 | A++→A |

**Material:** Alu+PC | **Chip:** 8 pcs Osram SMD3030

~230V | 50/60 Hz | SMD 2835 | 30000h | >20000 | IP 54 | Ra>80 | Hg | RoHS | F | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY



GRF206 LED
96LEDW206
96LEDW206W



GRF206 LED
96LEDP20678
96LEDP20678W



LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | IP54

## GRF206 LED

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **96LEDW206** | C | 10 | 800 | 4000 | graphite black | 164 | 80 | 263 | 1/16 | A++→A |
| **96LEDP20678** | C | 10 | 800 | 4000 | graphite black | 154 | 110 | 780 | 1/6 | A++→A |
| **96LEDW206WW** | C | 10 | 800 | 3000 | graphite black | 164 | 80 | 263 | 1/16 | A++→A |
| **96LEDP20678WW** | C | 10 | 800 | 3000 | graphite black | 154 | 110 | 780 | 1/6 | A++→A |

**Material:** Alu+PC | **Chip:** Epistar 2835 SMD | 45PCS 2835 SMD, 10W, 800lm

~230V | 50/60 Hz | SMD 2835 | 30000h | >20000 | IP 54 | Ra>80 | Hg | RoHS COMPLIANT | 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



GRF302 LED
96LEDW302



GRF302 LED
96LEDP30278



LED NEUTRAL WHITE 4000K **IP54**

## GRF302 LED

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **96LEDW302** | C | 10 | 800 | 4000 | graphite black | 82 | 284 | 126 | 1/12 | A++→A |
| **96LEDP30278** | C | 10 | 800 | 4000 | graphite black | 82 | 284 | 780 | 1/6 | A++→A |

**Material:** Alu+PC | **Chip:** Epistar 2835 SMD | 45PCS 2835 SMD, 10W, 800lm

~230V | 50/60 Hz | SMD 2835 | 30000h | >20000 | IP 54 | Ra>80 | RoHS COMPLIANT | 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



GRF506 LED
96LEDW506



GRF506 LED
96LEDP50678



LED NEUTRAL WHITE 4000K **IP54**

## GRF506 LED

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **96LEDW506** | C | 10 | 800 | 4000 | graphite black | 157 | 92 | 83 | 1/16 | A++→A |
| **96LEDP50678** | C | 10 | 800 | 4000 | graphite black | 157 | 92 | 787 | 1/6 | A++→A |

**Material:** Alu+PC | **Chip:** Epistar 2835 SMD | 45PCS 2835 SMD, 10W, 800lm

~230V | 50/60 Hz | SMD 2835 | 30000h | >20000 | IP 54 | Ra>80 | Hg | RoHS COMPLIANT | CE | 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



GRF507 LED
96LEDW507



GRF507 LED
96LEDP50778



LED NEUTRAL WHITE 4000K **IP54**

UNTIL SUPPLY LAST

## GRF507 LED

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **96LEDW507** | F | 10 | 800 | 4000 | graphite black | 160 | 112 | 170 | 1/12 | A++>A |
| **96LEDP50778** | F | 10 | 800 | 4000 | graphite black | 160 | 82 | 780 | 1/6 | A++>A |

**Material:** Alu+PC | **Chip:** Epistar 2835 SMD | 45PCS 2835 SMD, 10W, 800lm

~230V | 50/60 Hz | SMD 2835 | 30000h | >20000 | IP 54 | Ra>80 | RoHS COMPLIANT | 3+2 standard +extended 5 YEAR TOTAL WARRANTY



LUCIA
95LUCIA/BL



GABRI
96GABRI/BL



BEPPE 50W
96BEPPE40/BL

**IP66** **IP65** **Resin**

## GABRI / LUCIA / BEPPE 50W

| Catalogue number | Product category | Model | Lamp included | Colour body | Body material | IP Rating | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **96GABRI/BL** | C | Bollard | no | black | Resin | IP 66 | 750 | | 750 | 1/24 | A++→C |
| **95LUCIA/BL** | C | Bulkhead | no | black | Resin | IP 66 | 300 | 175 | 255 | 1/16 | A++→C |
| **96BEPPE40/BL** | C | Post | yes | black | Resin | IP 65 | 3065 | | 3065 | 1/1 | A++→C |

**96GABRI/BL:** UV resistant | Lamp not included

**96BEPPE40/BL:** UV resistant | Lamp included 50 W / 5000 lm / 4000K






Recommended bulbs for **96GABRI/BL** and **95LUCIA/BL**:

**99LED583** LED PEAR A60 8W 2700K | **99LED584** LED PEAR A60 8W 6400K | **99LED794** LED PEAR A60 8W 6400K

**99LED588** LED PEAR A60 12W 4000K | **99LED587** LED PEAR A60 12W 2700K | **99LED821** LED PEAR A60 12W 6400K

~230V | 50/60 Hz | E27 | 1,5mm² | RoHS | CE | 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.***



CARLO DECO
95CARLOWLD/BL



CARLO DECO
95CARLO800D/BL



CARLO DECO
95CARLO400D/BL

LED NEUTRAL WHITE 4000K | IP55 | Resin

## CARLO DECO

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **95CARLO800D/BL** | C | 3.5 | 400 | 4000 | Black | 100 | 800 | 1/6 | A+ A++→A |
| **95CARLO400D/BL** | C | 3.5 | 400 | 4000 | Black | 100 | 400 | 1/12 | A+ A++→A |
| **95CARLOWLD/BL** | C | 3.5 | 400 | 4000 | Black | 110 | 260 | 1/20 | A+ A++→A |

**Body:** Resin with clear glass | UV resistant | **Lamp holder:** G10 | **Lamp included**







The product CARLO is accomplished with a LED bulb which parameters are noted in the chart. If you need any other color temperature or power, we suggest you to purchase the variants compatible to this fixtures separately as follows:

**99XLED729** GU10 LED SMD 7W 4000K | **99XLED730** GU10 LED SMD 7W 2700K | **99XLED796** GU10 LED SMD 7W 6400K

~230V | 50/60 Hz | 1,5mm² | RoHS COMPLIANT | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.***



CARLO
95CARLOWL/BL



CARLO
95CARLO800/BL



CARLO
95CARLO400/BL



LED NEUTRAL WHITE 4000K **IP55** **Resin**

## CARLO

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **95CARLO800/BL** | C | 3.5 | 400 | 4000 | Black | 100 | 800 | 1/6 | A+ A++→A |
| **95CARLO400/BL** | C | 3.5 | 400 | 4000 | Black | 100 | 400 | 1/12 | A+ A++→A |
| **95CARLOWL/BL** | C | 3.5 | 400 | 4000 | Black | 110 | 260 | 1/20 | A+ A++→A |

**Body:** Resin with clear glass | UV resistant | **Lamp holder:** G10 | **Lamp included**







The product CARLO is accomplished with a LED bulb which parameters are noted in the chart. If you need any other color temperature or power, we suggest you to purchase the variants compatible to this fixtures separately as follows:

**99XLED729** GU10 LED SMD 7W 4000K | **99XLED730** GU10 LED SMD 7W 2700K | **99XLED796** GU10 LED SMD 7W 6400K

~230V | 50/60 Hz | 1,5mm² | RoHS | CE | 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.***



CARLO
95CARLOWL/GR



CARLO
95CARLO800/GR



CARLO
95CARLO400/GR



LED NEUTRAL WHITE 4000K | IP55 | Resin

## CARLO

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **95CARLO800/GR** | C | 3.5 | 400 | 4000 | Grey | 100 | 800 | 1/6 | A+ A++→A |
| **95CARLO400/GR** | C | 3.5 | 400 | 4000 | Grey | 100 | 400 | 1/12 | A+ A++→A |
| **95CARLOWL/GR** | C | 3.5 | 400 | 4000 | Grey | 110 | 260 | 1/20 | A+ A++→A |

**Body:** Resin with clear glass | UV resistant | **Lamp holder:** G10 | **Lamp included**







The product CARLO is accomplished with a LED bulb which parameters are noted in the chart. If you need any other color temperature or power, we suggest you to purchase the variants compatible to this fixtures separately as follows:

**99XLED729** GU10 LED SMD 7W 4000K | **99XLED730** GU10 LED SMD 7W 2700K | **99XLED796** GU10 LED SMD 7W 6400K

~230V | 50/60 Hz | 1,5mm² | RoHS COMPLIANT | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.***



ESTER
95ESTER800/BL



ESTER
95ESTER500/BL



ESTER
95ESTERWL/BL



SAURO
95SAURO800/BL

LED NEUTRAL WHITE 4000K **IP55** **Resin**

## ESTER/ SAURO

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length/ Diameter (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **95ESTER800/BL** | C | 10 | 1200 | 4000 | Black | 126 | 126 | 800 | 1/6 | A+ A++→A |
| **95ESTER500/BL** | C | 10 | 1200 | 4000 | Black | 126 | 126 | 480 | 1/12 | A+ A++→A |
| **95ESTERWL/BL** | C | 10 | 1200 | 4000 | Black | 126 | 165 | 126 | 1/18 | A+ A++→A |
| **95SAURO800/BL** | C | 10 | 1200 | 4000 | Black | 150 | | 800 | 1/6 | A+ A++→A |

**Body:** Resin with clear glass | UV resistant | **Lamp holder:** GX53 | **Lamp included**





~230V | 50/60 Hz | 1,5mm² | RoHS COMPLIANT | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

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ESTER
95ESTER800/GR



ESTER
95ESTER500/GR



ESTER
95ESTERWL/GR

LED NEUTRAL WHITE 4000K **IP55** **Resin**

## ESTER

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length/ Diameter (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **95ESTER800/GR** | C | 10 | 1200 | 4000 | Grey | 126 | 126 | 800 | 1/6 | A+ A++→A |
| **95ESTER500/GR** | C | 10 | 1200 | 4000 | Grey | 126 | 126 | 480 | 1/12 | A+ A++→A |
| **95ESTERWL/GR** | C | 10 | 1200 | 4000 | Grey | 126 | 165 | 126 | 1/18 | A+ A++→A |

**Body:** Resin with clear glass | UV resistant | **Lamp holder:** GX53 | **Lamp included**





~230V 50/60 Hz 1,5mm² RoHS COMPLIANT 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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GRF966
966W250



GRF966
966P500



GRF966
966P300



GRF966
966P800



**IP65**

## GRF966

| Catalogue number | Product category | Model | Watt (W) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **966W250** | C | GRF966-W | MAX 18W | dark grey | 250 | 72 | 107 | 1/16 | A++→C |
| **966P300** | C | GRF966-30 | MAX 18W | dark grey | 300 | 72 | 72 | 1/9 | A++→C |
| **966P500** | C | GRF966-50 | MAX 18W | dark grey | 500 | 72 | 72 | 1/9 | A++→C |
| **966P800** | C | GRF966-80 | MAX 18W | dark grey | 800 | 72 | 72 | 1/9 | A++→C |

**Body:** aluminium | **Diffuser:** polycarbonate (PC) | **Operating temperature:** -20°C÷+65°C

~230V | 50/60 Hz | CFL | E27 | 1,5mm² | IP 65 | RoHS | 3+0 standard +extended 3 YEAR TOTAL WARRANTY

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GRF965
965W200



GRF965
965P500



GRF965
965P300



GRF965
965P800



**IP65**

## GRF965

| Catalogue number | Product category | Model | Watt (W) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **965W200** | C | GRF965 | MAX 23W | dark grey | 200 | 175 | 190 | 1/8 | A++→C |
| **965P300** | C | GRF965-30 | MAX 23W | dark grey | 300 | 175 | - | 1/8 | A++→C |
| **965P500** | C | GRF965-50 | MAX 23W | dark grey | 500 | 175 | - | 1/4 | A++→C |
| **965P800** | C | GRF965-80 | MAX 23W | dark grey | 800 | 175 | - | 1/4 | A++→C |

Body: aluminium | Diffuser: polycarbonate (PC) | Operating temperature: -20°C÷+65°C

~230V | 50/60 Hz | CFL | E27 | 1,5mm² | IP 65 | RoHS | 3+0 standard +extended 3 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



HECTORW1
96100006



HECTORW2
96100010



**IP44**

UNTIL SUPPLY LAST

## HECTOR / TARA

| Catalogue number | Product category | Model | Watt (W) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **96100006** | F | Wall | max 11W | satin nickel | 377 | 80 | - | 1/20 | A++→A |
| **96100010** | F | Wall | max 11W | satin nickel | 390 | 80 | 145 | 1/12 | A++→A |

**Body:** stainless steel | **Diffuser:** ABS

~230V | 50/60 Hz | E27 | 2,5mm² | IP 44 | RoHS COMPLIANT | 2+0 standard +extended 2 YEAR TOTAL WARRANTY



PMMA CLEAR
96400023A60LED



PMMA CLEAR
96400024G95LED
96400025G95LED



PMMA CLEAR
9640002730LED
9640002740LED

LED NEUTRAL WHITE 4000K **IP65**

## PMMA CLEAR

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour aluminium ring | Diameter (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **96400023A60LED** | C | 18 | 1700 | 4000 | clear | 200 | 100 | 210 | 1/16 | A+ A++→A |
| **96400024G95LED** | C | 20 | 1800 | 4000 | clear | 250 | 125 | 260 | 1/12 | A+ A++→A |
| **96400025G95LED** | C | 20 | 1800 | 4000 | clear | 300 | 145 | 310 | 1/6 | A+ A++→A |
| **9640002730LED** | C | 30 | 2700 | 4000 | clear | 400 | 220 | 410 | 1/2 | A+ A++→A |
| **9640002740LED** | C | 40 | 3600 | 4000 | clear | 400 | 220 | 410 | 1/2 | A+ A++→A |

**Diffuser:** PMMA (polymethil methacrilate) | **Lamp holder:** E27 | **Mounting:** Metal pole ϕ60



SP60 METAL POLE
Colour: black
Size (mm):
Diameter 60 x Base Ø 145
Height: 600 - **93SP60BL**
Height: 800 - **93SP80BL**
Height: 1000 - **93SP100BL**
Height: 1200 - **93SP120BL**

~230V | E27 | Ra>80 | >15000 | INSTANT 100% | 30000h | Hg | IP 65 | RoHS COMPLIANT | F | CE | 2+1 standard +extended | 3 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



PMMA OPAL
96300016
96300017
96300018
96300019



PMMA CLEAR
96400023
96400024
96400025
96400027

**IP65**

## PMMA OPAL / CLEAR

| Catalogue number | Product category | Watt (W) | Colour | Diameter (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **96300016** | C | max 11W | opal | 200 | 100 | 210 | 1/16 | A++→B |
| **96300017** | C | max 15W | opal | 250 | 125 | 260 | 1/12 | A++→B |
| **96300018** | C | max 20W | opal | 300 | 145 | 310 | 1/6 | A++→B |
| **96300019** | C | max 40W | opal | 400 | 220 | 410 | 1/2 | A++→B |
| **96400023** | C | max 11W | clear | 200 | 100 | 210 | 1/16 | A++→B |
| **96400024** | C | max 15W | clear | 250 | 125 | 260 | 1/12 | A++→B |
| **96400025** | C | max 20W | clear | 300 | 145 | 310 | 1/6 | A++→B |
| **96400027** | C | max 40W | clear | 400 | 220 | 410 | 1/2 | A++→B |

**Diffuser:** PMMA (polymethil methacrilate) | **Lamp holder:** E27 | **Mounting:** Metal pole ϕ60 | Lamps not included



SP60 METAL POLE
Colour: black
Size (mm):
Diameter 60 x Base Ø 145
Height: 600 - **93SP60BL**
Height: 800 - **93SP80BL**
Height: 1000 - **93SP100BL**
Height: 1200 - **93SP120BL**

~230V | E27 | IP 65 | RoHS | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



NINA 150
96NINA150/BL



NINA 150
96NINA150/GR

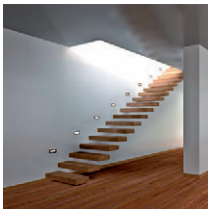


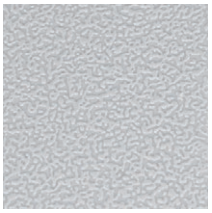
LED NEUTRAL WHITE 4000K **IP55** **Resin**

## NINA 150

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **96NINA150/BL** | C | 4 | 400 | 4000 | black | 145 | 50 | 50 | 1 | A+ A++→A |
| **96NINA150/GR** | C | 4 | 400 | 4000 | grey | 145 | 50 | 50 | 1 | A+ A++→A |

**Body:** Resin | **Lamp holder:** R7s | Lamp included



~230V 50/60 Hz Ra>80 >15000 INSTANT 100% 30000h Hg RoHS COMPLIANT F CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days. .*



LETI 100
96LETI100/BL
96LETI100/GR



LETI 100GR
96LETI100GR/BL



LETI 100EL
96LETI100EL/BL
96LETI100EL/GR



LED NEUTRAL WHITE 4000K **IP55** **Resin**

## LETI 100

| Catalogue number | Product category | Model | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter (mm) | Diameter 1 (mm) | Width (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **96LETI100/BL** | C | LETI 100 | 3 | 350 | 4000 | Black | 134 | 96 | 80 | 1/48 | A+ A+→A |
| **96LETI100/GR** | C | LETI 100 | 3 | 350 | 4000 | Grey | 134 | 96 | 80 | 1/48 | A+ A+→A |
| **96LETI100GR/BL** | C | LETI 100GR | 3 | 350 | 4000 | Black | 134 | 96 | 80 | 1/48 | A+ A+→A |
| **96LETI100EL/BL** | C | LETI 100EL | 3 | 350 | 4000 | Black | 134 | 96 | 80 | 1/48 | A+ A+→A |
| **96LETI100EL/GR** | C | LETI 100EL | 3 | 350 | 4000 | Grey | 134 | 96 | 80 | 1/48 | A+ A+→A |

**Body:** Resin with opal glass | **UV resistant** | **Lamp holder:** GX53 | Lamp included





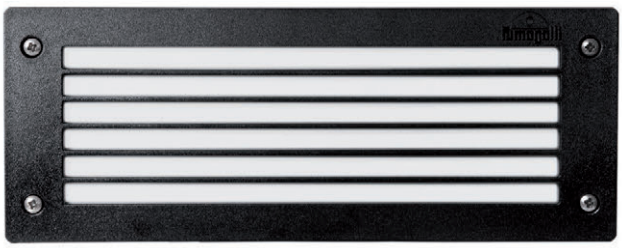


~230V | 50/60 Hz | Ra>80 | >15000 | INSTANT 100% | 30000h | Hg | RoHS COMPLIANT | F | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days. .***



LETI 300
96LETI300/BL
96LETI300/GR



LETI 300GL
96LETI300GL/BL



LETI 300VP
96LETI300VP/BL

**IP55** **Resin**

## LETI 300

| Catalogue number | Product category | Model | Colour body | Length (mm) | Height (mm) | Width (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **96LETI300/BL** | C | LETTI 300 | Black | 293 | 113 | 98 | 1xE27 | 1/24 | A++→E |
| **96LETI300/GR** | C | LETTI 300 | Grey | 293 | 113 | 98 | 1xE27 | 1/24 | A++→E |
| **96LETI300GL/BL** | C | LETTI 300GL | Black | 293 | 113 | 98 | 1xE27 | 1/24 | A++→E |
| **96LETI300VP/BL** | C | LETTI 300VP | Black | 113 | 293 | 98 | 1xE27 | 1/24 | A++→E |

**Body:** Resin with opal glass | **UV resistant** | Lamp not included







RoHS CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days. .*



LED WALL FIXTURE 1.5W
96GRFLED52/DGR



LED WALL FIXTURES 1.8W
96GRFLED02/WH



LED NEUTRAL WHITE 4000K **IP65**

## GRF LED WALL FIXTURES

| Catalogue number WHITE | Catalogue number GREY | Catalogue number DARK GREY | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Length (mm) | Height (mm) | Width (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **96GRFLED52/WH** | **96GRFLED52/GR** | **96GRFLED52/DGR** | C | 1.5 | 60 | 4000 | 125 | 125 | 20.5 | 1/40 | A++→A |
| **96GRFLED02/WH** | **96GRFLED02/GR** | **96GRFLED02/DGR** | C | 1.8 | 90 | 4000 | 230 | 80 | 16.5 | 1/24 | A++→A |

**Body material:** ABS | **Diffuser:** PVC | **Light source:** 2835 SMD
**Light source:** LED type Φ5mm recessed fixture | **Operating temperature:** -20°C÷+65°C

~230V | 50/60 Hz | Ra>80 | >15000 | INSTANT 100% | 30000h | Hg | IP 65 | RoHS COMPLIANT | EMC | F | CE | 2+1 standard +extended | 3 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LORENZA 150
95LORENZA150/BL



LORENZA 150
95LORENZA150/GR



LORENZA 190
95LORENZA190/BL



LORENZA 190
95LORENZA190/GR

LED | NEUTRAL WHITE 4000K | IP55 | Resin

## LORENZA

| Catalogue number | Product category | Model | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Height (mm) | Width (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **95LORENZA150/BL** | C | LORENZA 150 | 4 | 400 | 4000 | Black | 150 | 150 | 45 | 1/24 | A+ A++→A |
| **95LORENZA150/GR** | C | LORENZA 150 | 4 | 400 | 4000 | Grey | 150 | 150 | 45 | 1/24 | A+ A++→A |
| **95LORENZA190/BL** | C | LORENZA 190 | 8.5 | 900 | 4000 | Black | 190 | 150 | 45 | 1/24 | A+ A++→A |
| **95LORENZA190/GR** | C | LORENZA 190 | 8.5 | 900 | 4000 | Grey | 190 | 150 | 45 | 1/24 | A+ A++→A |

**Body material:** Resin with clear glass | **UV resistant** | **Lamp holder:** R7s | **Lamp included**





~230V | 50/60 Hz | Ra>80 | >15000 | INSTANT 100% | 30000h | Hg | RoHS COMPLIANT | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



ABRAM 150
95ABRAM150/BL



ABRAM 150
95ABRAM150/GR



ABRAM 190
95ABRAM190/BL



ABRAM 190
95ABRAM190/GR



LED NEUTRAL WHITE 4000K **IP55** **Resin**

## ABRAM

| Catalogue number | Product category | Model | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Height (mm) | Width (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **95ABRAM150/BL** | C | ABRAM 150 | 4 | 400 | 4000 | Black | 155 | 60 | 120 | 1/30 | A+ A++→A |
| **95ABRAM150/GR** | C | ABRAM 150 | 4 | 400 | 4000 | Grey | 155 | 60 | 120 | 1/30 | A+ A++→A |
| **95ABRAM190/BL** | C | ABRAM 190 | 8.5 | 900 | 4000 | Black | 195 | 60 | 120 | 1/30 | A+ A++→A |
| **95ABRAM190/GR** | C | ABRAM 190 | 8.5 | 900 | 4000 | Grey | 195 | 60 | 120 | 1/30 | A+ A++→A |

**Body material:** Resin with clear glass | **UV resistant** | **Lamp holder:** R7s | **Lamp included**






~230V | 50/60 Hz | Ra>80 | >15000 | INSTANT 100% | 30000h | Hg | RoHS COMPLIANT | F | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



GRF
96GRFLED005



GRF
96GRFLED0041
96GRFLED0031



GRF
96GRFLED010



GRF
96GRFLED0091

LED COOL WHITE 6400K **IP65**

## GRF LED RECESSED FIXTURES

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Light angle | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **96GRFLED0031** | C | 1,5 | 55/32 | 6000-6500 | 30° | 120 | 53 | 61 | 1/50 | A++→A |
| **96GRFLED0091** | C | 1,5 | 75/42 | 6000-6500 | 30° | 80 | 80 | 61 | 1/50 | A++→A |
| **96GRFLED0041** | C | 3,5 | 187/165 | 6000-6500 | 30° | 205 | 95 | 65 | 1/27 | A++→A |
| **96GRFLED005** | F | 1.5W* | 30 | 6000-6500 | 110 | 45 | 54 | 1/50 | 1/27 | A++→A |
| **96GRFLED010** | F | 2W* | 35 | 6000-6500 | 105 | 105 | 57 | 1/50 | 1/27 | A++→A |

**Body:** Stainless steel +Aluminium | **Cable:** 3G0.75mm2-10cm | **Light source:** SMD2835 | **LED driver:** mounted in the body
**Operating temperature:** -20°C÷+65°C

*Until Supply Last



Each of the models comes with additional decorative grid, shown in the picture.

~230V | 50/60 Hz | Ra>80 | >15000 | INSTANT 100% | 30000h | Hg | IP 65 | RoHS COMPLIANT | EMC | F | CE | 2+1 standard +extended | 3 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



GRF9617 LED
9617LEDW



GRF9617 LED
9619LEDW



GRF9617 LED
9618LEDW



LED NEUTRAL WHITE 4000K **IP54**

## GRF9617 LED

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **9617LEDW** | C | 3X3W | 480 | 4000-4300 | dark grey | 44 | 138 | 143 | 1/24 | A++→A |
| **9618LEDW** | C | 3X3W | 480 | 4000-4300 | dark grey | 44 | 138 | 143 | 1/24 | A++→A |
| **9619LEDW** | C | 2X3W | 380 | 4000-4300 | dark grey | 44 | 138 | 143 | 1/24 | A++→A |



**Body:** aluminium | **Diffuser:** tempered glass | **LED driver:** mounted in the body | **Light source:** CREE LED
**Operating temperature:** -20°C÷+65°C

~230V 50/60 Hz Ra>80 >15000 INSTANT 100% 30000h IP 54 RoHS COMPLIANT EMC 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



WALL LAMP
95WL001/BL



WALL LAMP
95WL001/WH



**IP44**

## GARDEN WALL LAMP E27

| Catalogue number | Product category | Description | Colour | Widthr (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **95WL001/BL** | C | Wall lamp | Black | 245 | 180 | 100 | 1 x E27 | 1/10 | A++→E |
| **95WL001/WH** | C | Wall lamp | White | 245 | 180 | 100 | 1 x E27 | 1/10 | A++→E |

**Voltage:** 220-240V AC | **Lamps not included**

IP 44 RoHS COMPLIANT CE 2+0 standard +extended 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LED WALL LIGHT
ROUND IP54
White / Black / Grey



LED WALL LIGHT
SQUARE IP54
White / Black / Grey



LED WALL LIGHT
ROUNDED IP65
White / Black / Grey

LED NEUTRAL WHITE 4000K **IP54** **IP65**

## LED WALL LIGHT

| Catalogue number | Product category | Watt (W) | Type | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **969LED100R/WH** | C | 2X5W | Round | 900 | 4000 | white | 130 | 110 | 100 | 1/12 | A++→A |
| **969LED100R/BL** | C | 2X5W | Round | 900 | 4000 | black | 130 | 110 | 100 | 1/12 | A++→A |
| **969LED100R/GR** | C | 2X5W | Round | 900 | 4000 | grey | 130 | 110 | 100 | 1/12 | A++→A |
| **969LED100S/WH** | C | 2X5W | Square | 900 | 4000 | white | 100 | 100 | 100 | 1/10 | A++→A |
| **969LED100S/BL** | C | 2X5W | Square | 900 | 4000 | black | 100 | 100 | 100 | 1/10 | A++→A |
| **969LED100S/GR** | C | 2X5W | Square | 900 | 4000 | grey | 100 | 100 | 100 | 1/10 | A++→A |
| **969LEDW12/WH** | C | **2X6W** | Rounded | 1080 | 4000 | white | 175 | 28 | 90 | 1/40 | A++→A |
| **969LEDW12/BL** | C | **2X6W** | Rounded | 1080 | 4000 | black | 175 | 28 | 90 | 1/40 | A++→A |
| **969LEDW12/GR** | C | **2X6W** | Rounded | 1080 | 4000 | grey | 175 | 28 | 90 | 1/40 | A++→A |





**Body material:** Aluminium | **Diffuser:** Glass | **Light source 969led100:** Epistar LED COB **Light source 969LEDW12:** Epistar SMD2835

~230V 50/60 Hz Ra>80 30000h Hg RoHS EMC CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



TINA IP65
95TINA12/BL



LED WALL FIXTURE 6W IP65
96GRFLED05/GR



FRANCY IP66
95FRANCY/BL

LED | NEUTRAL WHITE 4000K | **IP65** | **IP66** | **Resin**

## FRANCY / GRF LED / TINA

| Catalogue number BLACK body | Catalogue number WHITE body | Catalogue number GREY body | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Length / diameter (mm) | Width (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **95FRANCY/BL** | **95FRANCY/WH** | | C | 6 | 800 | 4000 | 300 | 85 | 130 | 1xE27 | 1/24 | A+ A++→A |
| **96GRFLED05/DGR** | **96GRFLED05/WH** | **96GRFLED05/GR** | C | 6 | 480 | 4000 | 220 | 28 | 113 | | 1/20 | A++→A |
| **95TINA12/BL** | | | C | 12 | 1080 | 4000 | 230 | 72 | 105 | | 1 | A+ A++→A |

**FANCY, TINA: Body material:** Resin | UV resistant
**GRF LED: Body material:** ABS | **Diffuser:** PVC | **Light source:** 2835 SMD





The product is accomplished with a LED bulb which parameters are noted in the chart. If you need any other color temperature or power, we suggest you to purchase the variants compatible to this fixtures separately as follows:

**99LED583** LED PEAR A60 8W 2700K | **99LED584** LED PEAR A60 8W 6400K | **99LED794** LED PEAR A60 8W 6400K

**99LED588** LED PEAR A60 12W 4000K | **99LED587** LED PEAR A60 12W 2700K | **99LED821** LED PEAR A60 12W 6400K

~230V | 50/60 Hz | 1,5mm² | RoHS COMPLIANT | F | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of FRANCY IP66 the delivery time after order confirmation will be 45 days, and for others products 90 days.***



STUCCHI
95STUCCHI/BL



BERTA
95BERTA/BL



LUCIA
95LUCIA/BL



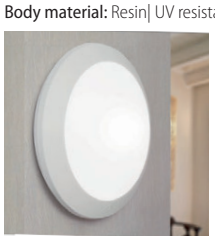
UMBERTA
95UMBERTA/WH

**IP66** **Resin**

## BERTA / UMBERTA / LUCIA / STUCCHI

| Catalogue number BLACK body | Catalogue number WHITE body | Product category | Description | Length / diameter (mm) | Width (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **95BERTA/BL** | **95BERTA/WH** | C | BULKHEAD | 275 | 80 | 275 | 1xE27 | 1/16 | A++→E |
| **95UMBERTA/BL** | **95UMBERTA/WH** | C | BULKHEAD | 350 | 94 | 350 | 2xE27 | 1/12 | A++→E |
| **95LUCIA/BL** | | C | BULKHEAD | 300 | 175 | 255 | 1xE27 | 1/16 | A++→E |
| **95STUCCHI/BL** | **95STUCCHI/WH** | C | BULKHEAD WITH BACKLIGHT | 310 | 90 | 338 | 1xE27+ backlights | 1/16 | A++→E |

**Body material:** Resin| UV resistant | Lamp not included






Recommended bulbs:

**99LED583** LED PEAR A60 8W 2700K | **99LED584** LED PEAR A60 8W 6400K | **99LED794** LED PEAR A60 8W 6400K

**99LED588** LED PEAR A60 12W 4000K | **99LED587** LED PEAR A60 12W 2700K | **99LED821** LED PEAR A60 12W 6400K

~230V | 50/60 Hz | E27 | Ra>80 | 30000h | Hg | RoHS | EMC | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.***



LUCIA EL
95LUCIAEL/BL



**IP66** **Resin**

## LUCIA EL

| Catalogue number | Product category | Colour | Diameter (mm) | Width (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|
| **95LUCIAEL/BL** | C | Black | 300 | 90 | 1xE27 | 1/16 | A++→E |
| **95LUCIAEL/GR** | C | Grey | 300 | 90 | 1xE27 | 1/16 | A++→E |

**Body:** Resin with opal glass | **UV resistant** | **Lamp not included**






Recommended bulbs:
**99LED583** LED PEAR A60 8W 2700K
**99LED584** LED PEAR A60 8W 4000K
**9LED794** LED PEAR A60 8W 6400K
**99LED588** LED PEAR A60 12W 4000K
**99LED587** LED PEAR A60 12W 2700K
**99LED821** LED PEAR A60 12W 6400K

~230V | 50/60 Hz | E27 | Ra>80 | 30000h | Hg | RoHS | EMC | F | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



FRANCY OP IP66
95FRANCYOP/WH



BRLED ROUND
95BRLED6WH
95BRLED6BL
95BRLED12WH
95BRLED12BL



BRLED OVAL
95BELED6WH
95BELED6BL
95BELED12WH
95BELED12BL

LED NEUTRAL WHITE 4000K **IP54** **IP66**

## BRLED / FRANCY OP

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | IP code | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **95BRLED6WH** | C | 6 | 540 | 4000 | white | 54 | 170 | 170 | 100 | 1/24 | A++→A |
| **95BRLED6BL** | C | 6 | 540 | 4000 | black | 54 | 170 | 170 | 100 | 1/24 | A++→A |
| **95BRLED12WH** | C | 12 | 1080 | 4000 | white | 54 | 220 | 220 | 100 | 1/24 | A++→A |
| **95BRLED12BL** | C | 12 | 1080 | 4000 | black | 54 | 220 | 220 | 100 | 1/24 | A++→A |
| **95BELED6WH** | C | 6 | 540 | 4000 | white | 54 | 187 | 127 | 100 | 1/24 | A++→A |
| **95BELED6BL** | C | 6 | 540 | 4000 | black | 54 | 187 | 127 | 100 | 1/24 | A++→A |
| **95BELED12WH** | C | 12 | 1080 | 4000 | white | 54 | 239 | 162 | 100 | 1/24 | A++→A |
| **95BELED12BL** | C | 12 | 1080 | 4000 | black | 54 | 239 | 162 | 100 | 1/24 | A++→A |
| **95FRANCYOP/BL** | C | empty | | | black | 66 | 300 | 85 | 130 | 1/24 | A++→E |
| **95FRANCYOP/WH** | C | empty | | | white | 66 | 300 | 85 | 130 | 1/24 | A++→E |

**BRLED: Body:** polycarbonate | **LED driver:** mounted in the body | **Light source:** EPISTAR
**FRANCY OP:** Body material: Resin | UV resistant | Lamp not included







Recommended bulbs:
**99LED583** LED PEAR A60 8W 2700K
**99LED584** LED PEAR A60 8W 4000K
**9LED794** LED PEAR A60 8W 6400K
**99LED588** LED PEAR A60 12W 4000K
**99LED587** LED PEAR A60 12W 2700K
**99LED821** LED PEAR A60 12W 6400K

~230V | 50/60 Hz | E27 | Ra>80 | 30000h | Hg | RoHS | EMC | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

BRICE
95BRICE12LED



BRICE
95BRICE24LED



LED NEUTRAL WHITE 4000K **IP44**

## BRICE

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | IP code | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **95BRICE12LED** | C | 12 | 1080 | 4000 | white | 44 | 260 | 260 | 90 | 1/16 | A++→A |
| **95BRICE24LED** | C | 24 | 2160 | 4000 | white | 44 | 380 | 380 | 110 | 1/10 | A++→A |

**Body:** polycarbonate | **LED driver:** mounted in the body | **Light source:** EPISTAR

~230V 50/60 Hz SMD Ra>80 30000h Hg RoHS COMPLIANT EMC CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LED BULKHEAD LAMP
95BSLED6WH
95BSLED12WH



LED BULKHEAD LAMP
95BLN1540S/WH



LED BULKHEAD LAMP
95BLN1540/WH
95BLN2040/WH

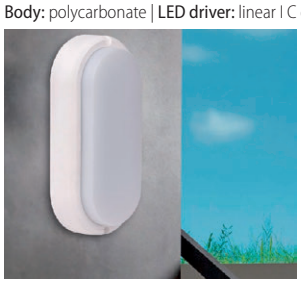


LED NEUTRAL WHITE 4000K **IP54**

## LED BULKHEAD LAMP

| Catalogue number | Product category | Watt (W) | Whole fixtures lumens (lm) | Colour temp. (K) | Colour of body | Length (mm) | Height (mm) | Width (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **95BSLED6WH** | F* | 6 | 540 | 4500 | white | 172 | 71 | 116 | 116 | A++→A |
| **95BSLED12WH** | F* | 12 | 1080 | 4500 | white | 220 | 78 | 143 | 143 | A++→A |
| **95BL1540/WH** | F* | 15 | 1350 | 4000 | white | 190 | 59.5 | 190 | 1/40 | A++→A |
| **95BL2440/WH** | F* | 24 | 2160 | 4000 | white | 230 | 64.5 | 230 | 1/20 | A++→A |
| **95BL1540S/WH** | F* | 15 | 1350 | 4000 | white | 100 | 54.5 | 205 | 1/40 | A++→A |
| **95BLN1540/WH** | C | 15 | 1350 | 4000 | white | 175 | 52 | 175 | 1/40 | A++→A |
| **95BLN2040/WH** | C | 20 | 1800 | 4000 | white | 210 | 52 | 210 | 1/20 | A++→A |
| **95BLN1540S/WH** | C | 15 | 1350 | 4000 | white | 200 | 46 | 98 | 1/40 | A++→A |

**Body:** polycarbonate | **LED driver:** linear I C driver | **Light source:** 2835SMD | * Until Supply Last





ULTRA THIN



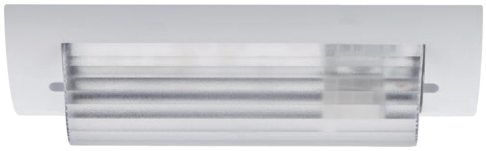
EASY INSTALLATION



BACK HIDDEN CABLE

~230V | 50/60 Hz | SMD | Ra>80 | 30000h | Hg | IP 54 | RoHS | EMC | CE | 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



ARIA
91AT5201
91AT5202



LINIA4
91AT6126
91AT6127



LINIA1
91AT6117
91AT6119



SIRIUS
91AT1210
91AT1280
91AT1209
91AT1289

**IP54**

## SIRIUS / ARIA / LINIA

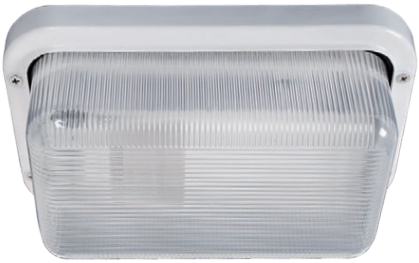
| Catalogue number | Product category | Model | Watt (W) | Colour | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **91AT1210** | C | SIRIUS1 | MAX 20W | white | 230 | - | 110 | 1/21 | A++→C |
| **91AT1280** | F | SIRIUS1 | MAX 20W | grey* | 230 | - | 110 | 1/21 | A++→C |
| **91AT1209** | C | SIRIUS2 | MAX 20W | white | 280 | - | 115 | 1/14 | A++→C |
| **91AT1289** | F | SIRIUS2 | MAX 20W | grey* | 280 | - | 115 | 1/14 | A++→C |
| **91AT5201** | C | ARIA | MAX 23W | white | 350 | 120 | 80 | 1/12 | A++→C |
| **91AT5202** | F | ARIA | MAX 23W | grey* | 350 | 120 | 80 | 1/12 | A++→C |
| **91AT6117** | C | LINIA1 | MAX 20W | white | 320 | 137 | 110 | 1/26 | A++→C |
| **91AT6119** | F | LINIA1 | MAX 20W | grey* | 320 | 137 | 110 | 1/26 | A++→C |
| **91AT6126** | C | LINIA4 | MAX 20W | white | 320 | 200 | 110 | 1/18 | A++→C |
| **91AT6127** | F | LINIA4 | MAX 20W | grey* | 320 | 200 | 110 | 1/18 | A++→C |

**Body:** polycarbonate (PC) | **Diffuser:** polycarbonate (PC)

*Until Supply Last

~230V | 50/60 Hz | CFL | E27 | IP 54 | RoHS | 2+0 standard +extended 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 30 days.***



OL4023
914023/W



OL4023
914023/B



**IP54**

UNTIL SUPPLY LAST

## OL WATERPROOF FIXTURES

| Catalogue number | Product category | Model | Watt (W) | Colour | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **914023/W** | F | OL4023 | MAX 20W | white | 255 | 163 | 90 | 1/10 | A++→C |
| **914023/B** | F | OL4023 | MAX 20W | black | 255 | 163 | 90 | 1/10 | A++→C |

**Body:** polycarbonate / metal | **Diffuser:** polycarbonate / glass

~230V | 50/60 Hz | CFL | E27 | IP 54 | RoHS | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY





GRF
96GRF1482

**IP65**

## GRF

| Catalogue number | Product category | Width (mm) | Length (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|
| **96GRF1482** | C | 254 | 498.5 | 1482.6 | 1 x E27 | 1/2 | A++→E |

**Body:** aluminium, antique bronze

220-240V | 50/60 Hz | CFL | E27 | 1,5mm² | IP 65 | RoHS COMPLIANT | F | CE

3+0 standard +extended **3 YEAR TOTAL WARRANTY**



MARTA 90-1
96MARTA901L/BL



MARTA 90-2
96MARTA902L/BL

LED IP55 Resin

## MARTA

| Catalogue number | Product category | Description | Colour | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Diameter (mm) | Width (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **96MARTA901L/BL** | C | Facade lighting | black | 1x3.5 | 400 | 4000 | 92 | 80 | 170 | 1xGU10 | 1/36 | A+ A++→A |
| **96MARTA901L/GR** | C | Facade lighting | gray | 1x3.5 | 400 | 4000 | 92 | 80 | 170 | 1xGU10 | 1/36 | A+ A++→A |
| **96MARTA902L/BL** | C | Facade lighting | black | 2x3.5 | 800 | 4000 | 92 | 80 | 170 | 2xGU10 | 1/36 | A+ A++→A |
| **96MARTA902L/GR** | C | Facade lighting | gray | 2x3.5 | 800 | 4000 | 92 | 80 | 170 | 2xGU10 | 1/36 | A+ A++→A |

**Body material:** Resin| UV resistant | **Lamp included** | **Lamp holder:** GU10





The product is accomplished with a LED bulb which parameters are noted in the chart. If you need any other color temperature or power, we suggest you to purchase the variants compatible to this fixtures separately as follows:

**99XLED727** GU10 LED SMD 3.5W 4000K | **99XLED728** GU10 LED SMD 3.5W 2700K | **99XLED731** GU10 LED SMD 3.5W 6400K

**99LED729** GU10 LED SMD 6.5W 4000K | **99LED730** GU10 LED SMD 6.5W 2700K | **99LED796** GU10 LED SMD 6.5W 6400K

~230V 50/60 Hz 1.5mm² RoHS 3+2 standard +extended 5 YEAR TOTAL WARRANTY

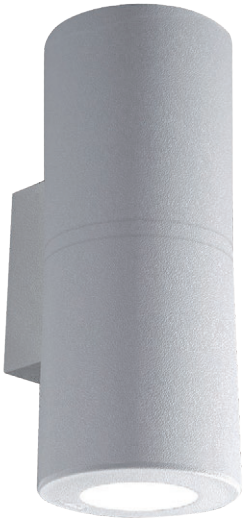
***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.***



FRANCA 90
96FRANCA90/GR



FRANCA 90-1
96FRANCA901L/BL



FRANCA 90-2
96FRANCA902L/GR

LED **IP55** **Resin**

## FRANCA

| Catalogue number | Product category | Description | Colour | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Diameter (mm) | Width (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **96FRANCA90/BL** | C | Ceiling fixtures | black | 3.5 | 400 | 4000 | 95 | | 115 | 1xGU10 | 1/30 | A+ A++→A |
| **96FRANCA90/GR** | C | Ceiling fixtures | gray | 3.5 | 400 | 4000 | 95 | | 115 | 1xGU10 | 1/30 | A+ A++→A |
| **96FRANCA901L/BL** | C | Facade lighting | black | 3.5 | 400 | 4000 | 95 | 110 | 128 | 1xGU10 | 1/30 | A+ A++→A |
| **96FRANCA901L/GR** | C | Facade lighting | gray | 3.5 | 400 | 4000 | 95 | 110 | 128 | 1xGU10 | 1/30 | A+ A++→A |
| **96FRANCA902L/BL** | C | Facade lighting | black | 2x3.5 | 800 | 4000 | 95 | 110 | 240 | 2xGU10 | 1/20 | A+ A++→A |
| **96FRANCA902L/GR** | C | Facade lighting | gray | 2x3.5 | 800 | 4000 | 95 | 110 | 240 | 2xGU10 | 1/20 | A+ A++→A |

**Body material:** Resin| UV resistant | Lamp included | **Lamp holder:** GU10







The product is accomplished with a LED bulb which parameters are noted in the chart. If you need any other color temperature or power, we suggest you to purchase the variants compatible to this fixtures separately as follows:

**99XLED727** GU10 LED SMD 3.5W 4000K | **99XLED728** GU10 LED SMD 3.5W 2700K | **99XLED731** GU10 LED SMD 3.5W 6400K

**99LED729** GU10 LED SMD 6.5W 4000K | **99LED730** GU10 LED SMD 6.5W 2700K | **99LED796** GU10 LED SMD 6.5W 6400K

~230V 50/60 Hz 1,5mm² RoHS 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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LIVIA 160
95LIVIA160/BL



LIVIA 160
95LIVIA160/GR



LIVIA 160
95LIVIA160/WH



LED NEUTRAL WHITE 4000K **IP55** **Resin**

## LIVIA 160

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **95LIVIA160/BL** | C | 10 | 1200 | 4000 | Black | 160 | 100 | 1/18 | A+ A++→A |
| **95LIVIA160/GR** | C | 10 | 1200 | 4000 | Grey | 160 | 100 | 1/18 | A+ A++→A |
| **95LIVIA160/WH** | C | 10 | 1200 | 4000 | White | 160 | 100 | 1/18 | A+ A++→A |

**Body:** Resin with frosted glass | **UV resistant** | **Lamp holder:** GX53 | Lamp included





~230V 50/60 Hz 1,5mm² RoHS CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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OL9612-W1 LED
9612LEDW1



OL9611-W1 LED
9611LEDW1



OL9612-W2 LED
9612LEDW2



OL9611-W2 LED
9611LEDW2

LED NEUTRAL WHITE 4000K **IP54**

## OL9611 / OL9612

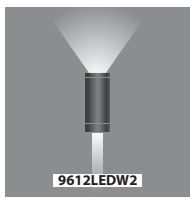
| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **9611LEDW1** | C | 3 | 210 | 4000-4300 | dark grey | 153 | 72.6 | 106.4 | 1/16 | A++→A |
| **9611LEDW2** | C | 2X3W | 320 | 4000-4300 | dark grey | 231.6 | 72.6 | 106.4 | 1/16 | A++→A |
| **9612LEDW1** | C | 3 | 210 | 4000-4300 | dark grey | 170 | 92 | 65 | 1/12 | A++→A |
| **9612LEDW2** | C | 2X3W | 320 | 4000-4300 | dark grey | 200 | 92 | 65 | 1/12 | A++→A |










**Body:** aluminium | **Diffuser:** tempered glass | **LED driver:** mounted in the body | **Light source:** CREE LED
**Operating temperature:** -20°C÷+65°C

~230V 50/60 Hz Ra>80 >15000 INSTANT 100% 30000h Hg IP 54 RoHS COMPLIANT EMC F CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



GRF
96GRF98C/AB



GRF
96GRF76-1/AB



**IP65**

UNTIL SUPPLY LAST

## GRF98 / GRF76

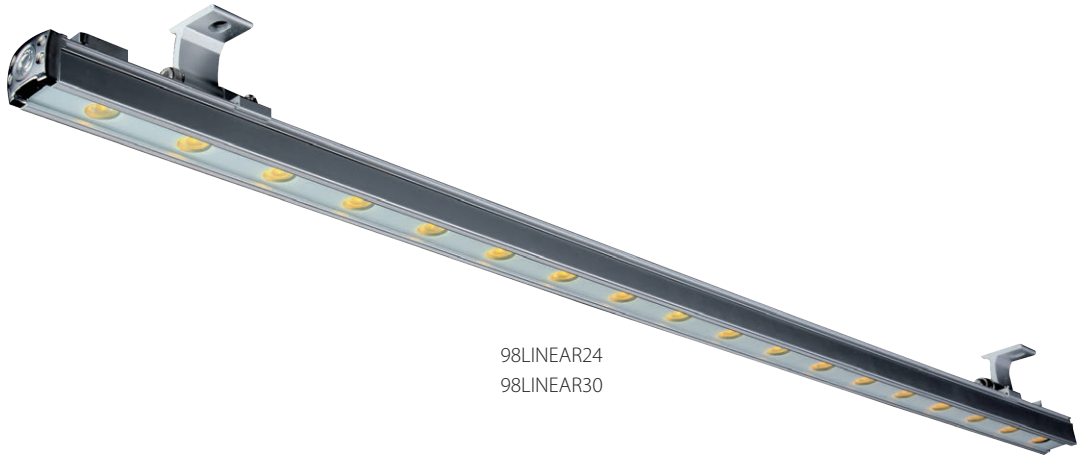
| Catalogue number | Product category | Description | Voltage (V) | Colour | Width/Diameter (mm) | Length (mm) | Height (mm) | Lampholder | Material | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **96GRF98C/AB** | F | Facade lighting | 12 | Antique bronze | 98 | - | 41 | 1 x G4 | Brass | 1/24 | A++→E |
| **96GRF76-1/AB** | F | Facade lighting | 220-240 | Antique bronze | 76 | 60 | 76 | 1 x GU10 | Brass | 1/18 | A++→E |

Lamps not included

50/60 Hz · 1,5mm² · IP 65 · RoHS COMPLIANT · 3+0 standard +extended 3 YEAR TOTAL WARRANTY



98LINEAR12



98LINEAR24
98LINEAR30



LED IP67

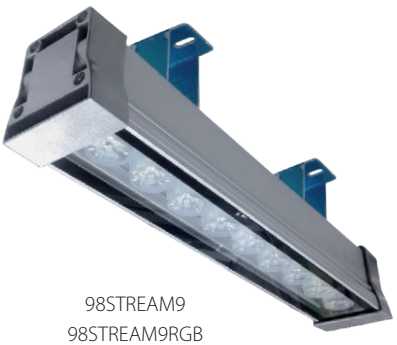
UNTIL SUPPLY LAST

## LINEAR

| Catalogue number | Product category | Model | Watt (W) | Whole lamp lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **98LINEAR12** | F | LINEAR12 | 12 | 1080 | 4000 | | 500 | 25 | 33 | 1/20 | A++→A |
| **98LINEAR24** | F | LINEAR24 | 24 | 2160 | 4000 | | 1000 | 25 | 33 | 1/15 | A++→A |
| **98LINEAR30** | F | LINEAR30 | 30 | 2700 | 4000 | | 1000 | 30 | 48 | 1/15 | A++→A |

**Body:** aluminium casting | **Light source:** SMD2835| **Input voltage:** LinearRGB DC24V; **Linear 4000K:** 220-240V | Rubber cable 300mm

~230V 50/60 Hz High power Ra>70 25000h Hg IP 67 RoHS EMC F CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY



98STREAM9
98STREAM9RGB



98STREAM36
98STREAM36RGB



LED **IP65**

## STREAM STELLAR

| Catalogue number | Product category | Model | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **98STREAM9** | C | STREAM9 | 9 | 720 | 5500 | grey | 300 | 50 | 56 | 1/9 | A++→A |
| **98STREAM18** | C | STREAM18 | 18 | 1440 | 5500 | grey | 600 | 50 | 56 | 1/9 | A++→A |
| **98STREAM36** | C | STREAM36 | 36 | 2880 | 5500 | grey | 1000 | 50 | 56 | 1/9 | A++→A |
| **98STREAM9RGB** | C | STREAM9 RGB | 9 | - | RGB | grey | 300 | 50 | 56 | 1/9 | A++→A |
| **98STREAM18RGB** | C | STREAM18 RGB | 18 | - | RGB | grey | 500 | 55 | 60 | 1/9 | A++→A |
| **98STREAM36RGB** | C | STREAM36 RGB | 36 | - | RGB | grey | 1000 | 50 | 56 | 1/9 | A++→A |

**Body:** aluminium casting | **LED driver:** mounted in the body | **Light source:** Epistar | **Ambient Temperature:** -25°C÷ +55°C

~230V | 50/60 Hz | High power | Ra>70 | 20000h | Hg | IP 65 | RoHS | EMC | F | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



SOLAR LED WALL LIGHTS
WITH SENSOR
98SOL200



SOLAR LED WALL LIGHTS
WITH SENSOR
98SOL201

LED IP54 Solar

## SOLAR LED WALL LIGHTS WITH SENSOR

| Catalogue number | Product category | LED QTY | Power (W) | Whole fixtures lumens (lm) | Solar panel (Wp) | Sensor range (m) | Colour of body | Length (mm) | Height (mm) | Width (mm) | Packing/ Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **98SOL200** | C | 14 (FRONT 14+BACK 2PCS) | 7 | 200 | 0.7- POLY CRISTALLINE | 6 | white | 144.5 | 96 | 79 | 1 | A++→A |
| **98SOL201** | C | 17 (FRONT 16+BACK 1PCS) | 10 | 240 | 0.7- POLY CRISTALLINE | 6 | white | 200 | 105 | 90 | 1 | A++→A |

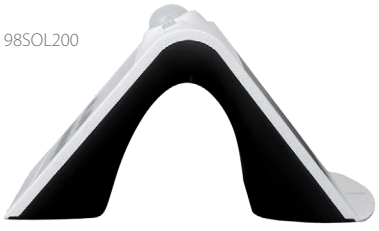
**Material:** ABS + PC, anti UV and glossy | **LED&Lens:** LM-80 LEDs 2835SMD; high transmittance PC optical lens | Detection angle: 120° | **Installation height:** ≤ 4meters | **Battery:** 3.7V/ 1200mAh

**98SOL200** Auto on at night; Full brightnessby motion activated. Weak brightness when no motion | **Time delay:** 10 sek | **Modes:** A- Full brightness+Weak brightness (front and back lights ON); B- Full brightness+Weak brightness (front light OFF, back lights ON) | Auto on at night; Full brightnes

**98SOL201** Auto on at night; Full brightnessby motion activated. Weak brightness when no motion | **Time delay:** 10 sek | Battery >30%: Full brightness+Weak brightness (front and back lights ON); Battery<30%: Full brightness+Weak brightness (front light OFF, back lights ON) | Auto on at night; Full brightnes



98SOL200



98SOL201



SMD 30000h IP 54 RoHS CE 2+0 standard +extended 2 YEAR TOTAL WARRANTY

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SOLAR FIXTURE SOL WITH SENSOR
98SOL300



SOLAR FIXTURE SOL WITH SENSOR
98SOL302



SOLAR FIXTURE SOL WITH SENSOR
98SOL301



LED IP65 Solar

## SOLAR LED FLOOD LIGHT WITH SENSOR

| Catalogue number | Product category | LED QTY | Power (W) | Whole fixture lumens (lm) | Battery (V/mAh) | Sensor range (m) | Colour body | Length (mm) | Height (mm) | Width (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **98SOL300** | C | 30 | 30 | 500 | 3.7V/ 2X1500mAh | 6 | black | 217.4 | 149.3 | 33.7 | 1 | A++→A |
| **98SOL301** | C | 72 | 50 | 1080 | 3.7V/7200mAh | 6 | black | 300 | 215 | 35 | 1 | A++→A |
| **98SOL302** | C | 55 | 50 | 1100 | 3.7V/ 7200mAh | 6 | black | - | 165 | 35 | 1 | A++→A |

**Material:** ABS + PC, anti UV and glossy | **3working mode** | **98SOL302:** Portable solar panel.Can use as portable power bank

SMD Ra>80 Hg RoHS CE 2+0 standard +extended 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



## SOLAR FIXTURE SOL WITH SENSOR

98SOL45

LED IP64 Solar

UNTIL SUPPLY LAST

### SOLAR FIXTURE SOL WITH SENSOR

| Catalogue number | Product category | LED QTY | Whole fixture lumens (lm) | Solar panel (V/mA) | Battery (V/mAh) | Sensor range (m) | Colour body | IP Rating | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **98SOL45** | F | 45 | 250 | 5.5V 160mA | 3.7V 2200mAH | 6-8 | black | 64 | 190 | 183 | 53 | 1/60 | A++→A |



98SOL36



98SOL36

**Body:** ABS | **Charging time:** 8 hours | **Working time:** 2000 times

SMD Ra>80 Hg RoHS CE 2+0 standard +extended 2 YEAR TOTAL WARRANTY

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GRF
96GRF190A/AB



GRF
96GRF190B/AB



**IP68**

UNTIL SUPPLY LAST

## GRF

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Height (mm) | Lampholder | Material | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **96GRF190A/AB** | F | Ground recessed fixtures | Antique bronze | 98 | 190 | 1 x GU5.3 | Composite material | 1/12 | A++→E |
| **96GRF190B/AB** | F | Ground recessed fixtures | Antique bronze | 98 | 190 | 1 x GU5.3 | Composite material | 1/12 | A++→E |

Lamps not included. The fixtures are with 6m cable.

12V 50/60 Hz MR-16 GU5.3 1,5mm² IP68 RoHS III F CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY



UNDERWATER LED
98LED012SW



UNDERWATER LED
98LED007SW

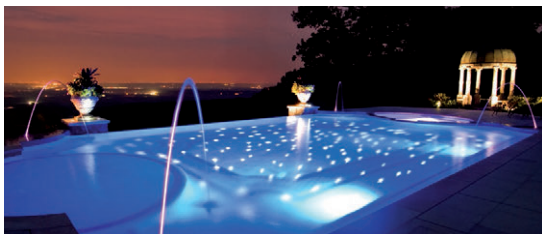


UNDERWATER LED
98LED003SW

LED **IP68**

## UNDERWATER LED LIGHTS, IP68

| Catalogue number | Product category | Voltage (V) | Watt (W) | Whole lamp lumens (lm) | Colour temp. (K) | Colour body | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **98LED003SW** | C | 12V AC | 3 X 1 | 150 | 4000 | silver | 1/30 | A++→A |
| **98LED007SW** | C | 12V AC | 7 X 1 | 350 | 4000 | silver | 1/1 | A++→A |
| **98LED012SW** | C | 24V AC | 12 X 1 | 600 | 4000 | silver | 1/1 | A++→A |
| **98LED006RGB** | C | 12V AC | 6 X 1 | - | RGB | silver | 1/1 | A++→A |



**Body:** Stainless steel | **Light source:** Epistar | **Beam angle:** 90° | **without driver**

Ra>70 IP68 >15000 INSTANT 100% 20000h RoHS COMPLIANT F CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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MINI TOMMY ELSP
96TOMMYELSP/BL



MINI TOMMY EL
96TOMMYEL/BL

**IP66** **Resin**

## MINI TOMMY EL / MINI TOMMY ELSP

| Catalogue number | Product category | Description | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour | Diameter (mm) | Width (mm) | Height (mm) | Lampholder | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **96TOMMYEL/BL** | C | GROUND/WALL FIXTURE | 3.5 | 400 | 4000 | black | 122 | 118 | 127 | 1xGU10 | 1/30 | A++→A |
| **96TOMMYEL/GR** | C | GROUND/WALL FIXTURE | 3.5 | 400 | 4000 | gray | 122 | 118 | 127 | 1xGU10 | 1/30 | A++→A |
| **96TOMMYELSP/BL** | C | SPIKE GROUND FIXTURE | 3.5 | 400 | 4000 | black | 122 | 118 | 310 | 1xGU10 | 1/30 | A++→A |
| **96TOMMYELSP/GR** | C | SPIKE GROUND FIXTURE | 3.5 | 400 | 4000 | gray | 122 | 118 | 310 | 1xGU10 | 1/30 | A++→A |

**Body material:** Resin | **UV resistant** | **Lamp not included** | **Fully adjustable position** | **Lamp holder:** GU10





The product is accomplished with a LED bulb which parameters are noted in the chart. If you need any other color temperature or power, we suggest you to purchase the variants compatible to this fixtures separately as follows:

**99LED729** GU 10 LED SMD 6.5W 4000K | **99LED730** GU 10 LED SMD 6.5W 2700K | **99LED796** GU 10 LED SMD 6.5W 6400K
**99LED733** GU 10 LED SMD RED | **99LED734** GU 10 LED SMD BLUE | **99LED735** GU 10 LED SMD GREEN

3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.***



GRF 9615 LED
9615LEDP



GRF 9616 LED
9616LEDW



GRF 9617 LED
9617LEDP

LED NEUTRAL WHITE 4000K COOL WHITE 6400K **IP65**

## GRF 9615 / 9616 / 9617

| Catalogue number | Product category | Watt (W) | Body | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **9615LEDP** | C | 3 | aluminium | 210 | 4000-4300 | dark grey | 279 | 73 | 112 | 1/16 | A++→A |
| **9616LEDW** | C | 3 | aluminium | 210 | 4000-4300 | dark grey | | 73 | 110 | 1/16 | A++→A |
| **9617LEDP** | C | 5 | PP+PC | 360 | 5500-6000 | dark grey | 265 | 25 | 130 | 1/16 | A++→A |

**Diffuser:** tempered glass | **LED driver:** mounted in the body | **Operating temperature:** -20°C÷+65°C



Terminal box IP44

Material: PC
Voltage: 450V
Rated current: 6A
Wiring Capacity: 0.5-4.0mm2
Cat. Number: 31071



Terminal box IP65

Material: Polypropylene 94-V2 grade
Sunscreen Rating:Sun Protection(UV)
Voltage: 450V
Rated current: 10A
Terminal Blocks: 3p screw type
Metal Part:Plated Brass/Steel Spring
Wiring Capacity: 0.5-2.5mm2
Cat. Number: 31070



Cable connector IP68

Rated operational voltage:AC250V
Rated operational Ampere(A):≤30A
Material: flame retardant/Anti UV nylon(PA66)
Crimping terminals:Nickle-plated brass
Withstand voltage(normal temperature):3KV
Operating remperature range: -40°C~+105°C
Wiring Capacity: 0.5-2.5mm2
Cat. Number: 31072

~230V | 50/60 Hz | Ra>80 | >15000 | INSTANT 100% | 30000h | Hg | IP 65 | RoHS COMPLIANT | EMC | F | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



GRF
96GRF187/CU



GRF
96GRF457LSP/AB



GRF
96GRF76B/AB



GRF
96GRF70B/AB



**IP65**

UNTIL SUPPLY LAST

## GRF

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Height (mm) | Lampholder | Material | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **96GRF187/CU** | F | Ground recessed fixtures | Copper | 54 | 187 | 1 x GU10 | Copper | 1/12 | A++→E |

~230V 50/60 Hz IP 65 RoHS 3+0 standard +extended 3 YEAR TOTAL WARRANTY

UNTIL SUPPLY LAST

## GRF

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Height (mm) | Material | Packing/Box (pcs) |
|---|---|---|---|---|---|---|---|
| **96GRF70B/AB** | F | Connector for wall recessed fixtures | Antique bronze | 70 | 28 | Brass | 1/50 |
| **96GRF76B/AB** | F | connector for pole D50-70 mm | Antique bronze | 76 | 73 | Brass | 1/60 |
| **96GRF457LSP/AB** | F | riser type for ground recessed fixtures | Antique bronze | 25 | 457 | Brass | 1/30 |



# SOLAR TORCH LIGHT

98SOL96

LED | WARM WHITE 2700K | IP54 | Solar

## SOLAR TORCH LIGHT

| Catalogue number | Product category | LED qty | Power (W) | Colour temp. (K) | Whole fixture lumens (lm) | Solar panel (V/mA) | Battery (V/mAh) | Colour body | Diameter (mm) | Length (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **98SOL96** | C | 51 | max 1W | 1500-1800 | 20 | 5.5V/0.66W | 3.7V/1200mAh | black | 120 | 770 | 1/10 | A++→A |

**Material:** ABS+PC | **Charge time (h):** 8h | **Working Time:** 8h | **Light souce:** 2835 | **Mode:** Dark On>Off | **Beam angle:** 360° | **Battery:** Included







RoHS COMPLIANT | CE | 1+0 standard +extended | 1 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



SOLAR GROUND LIGHT
98SOL5420



SOLAR GROUND LIGHT
98SOL5520



SOLAR GROUND LIGHT
98SOL9620



SOLAR GROUND LIGHT
98SOL23310



LED IP44 Solar

## SOLAR GROUND LIGHT

| Catalogue number | Product category | Power (W) | Whole fixture lumens (lm) | Solar panel | Battery (V/mAh) | Working time | Material | Colour body | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **98SOL5420** | C | 0,06 | 1 | amorphous | Ni-Mh/100mAh AA 1.2V | 8h | plastic | black | 370 | 75/75 | 1/12 | A++→A |
| **98SOL5520** | C | 0,06 | 1 | amorphous | Ni-Mh/100mAh AAA 1.2V | 8h | plastic | black | 365 | 85/85 | 9/8 | A++→A |
| **98SOL9620** | C | 0,06 | 1 | amorphous | Ni-Mh/100mAh AAA 1.2V | 8h | plastic | black | 380 | 64 | 1/24 | A++→A |
| **98SOL23310** | C | 0.08 | 2 | amorphous | Ni-Mh AAA 2V | 8h | plastic | black | 373 | 57/57 | 1/24 | A++→A |

RoHS COMPLIANT CE 1+0 standard +extended 1 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



SOLAR GROUND LIGHT
98SOL4320



SOLAR GROUND LIGHT
98SOL8120



SOLAR GROUND LIGHT
98SOL5821

LED IP44 Solar

## SOLAR GROUND LIGHT

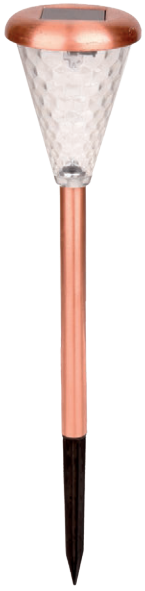
| Catalogue number | Product category | Power (W) | Whole fixture lumens (lm) | Solar panel | Battery (V/mAh) | Working time | Material | Colour body | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **98SOL4320** | C | 0,5 | 15 | polycrystal | NI-MH AA 300mAh 1.2V | 8h | plastic | black | 425 | 130/110 | 1/12 | A++→A |
| **98SOL8120** | C | 0,06 | 1 | amorphous | Ni-Mh/40mAh button battery 1.2V | 8h | plastic | black | 340 | 100 | 1/16 | A++→A |
| **98SOL5821** | C | 0,24 | 4 | amorphous | Ni-Mh/200mAh AA 1.2V | 8h | plastic | silver | 510 | 200 | 1/8 | A++→A |

RoHS CE 1+0 standard +extended 1 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



SOLAR GROUND LIGHT
98SOL9621



SOLAR GROUND LIGHT
98SOL3122



SOLAR GROUND LIGHT
98SOL6721



SOLAR GROUND LIGHT
98SOL6921



LED IP44 Solar

## SOLAR GROUND LIGHT

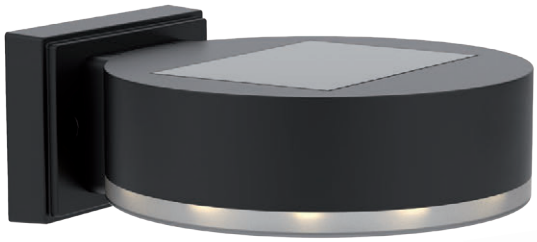
| Catalogue number | Product category | Power (W) | Whole fixture lumens (lm) | Solar panel | Battery (V/mAh) | Working time | Material | Colour body | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **98SOL9621** | C | 0,5 | 6 | amorphous | Ni-Mh/300mAh AA 1.2V | 8h | stainless steel+glass | silver | 430 | 140 | 1/12 | A++→A |
| **98SOL3122** | C | 0,06 | 1 | amorphous | Ni-Mh/100mAh AAA 1.2V | 8h | stainless steel+plastic | brass | 390 | 85 | 4/12 | A++→A |
| **98SOL6721** | C | 0,06 | 1 | amorphous | Ni-Mh/200mAh AA 1.2V | 8h | stainless steel+plastic | silver | 370 | 128 | 1/6 | A++→A |
| **98SOL6921** | C | 0,06 | 1 | amorphous | Ni-Mh/100mAh AAA 1.2V | 8h | stainless steel + plastic | black | 355 | 72 | 1/12 | A++→A |

RoHS COMPLIANT CE 1+0 standard +extended 1 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



SOLAR WALL
98SOL23423



SOLAR WALL
98SOL23428



DRIVEWAY LIGHTS
98SOL41029

LED IP44 Solar

## SOLAR WALL & DRIVEWAY LIGHTS

| Catalogue number | Product category | Power (W) | Whole fixture lumens (lm) | Solar panel | Battery (V/mAh) | Working time | Material | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **98SOL23423** | C | 0,8 | 30 | mono | LiFePO4/800mAh 18500 4.5V | 8h | plastic | black | 100 | 100 | 100 | 1/24 | A++→A |
| **98SOL23428** | C | 0,3 | 10 | mono | Ni-Mh/ 900mAh 2V | 8h | plastic | black | 145 | 145 | 55 | 1/24 | A++→A |
| **98SOL41029** | C | 0,24 | 6 | poly | Ni-Mh/ 600mAh | 8h | aluminium | grey | 69 | 26 | 100 | 1/24 | A++→A |






RoHS CE 2+0 standard +extended 2 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



SOLAR WALL
98SOL11128W



PATHWAY LIGHTS
98SOL11128



LED IP44 Solar

## SOLAR WALL & PATHWAY LIGHTS

| Catalogue number | Product category | Power (W) | Whole fixture lumens (lm) | Solar panel | Battery (V/mAh) | Working time | Material | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **98SOL11128** | C | 0,32 | 10 | mono | Ni-Mh AA battery | 8h | metal & glass | black | 127 | 127 | 456 | 1/24 | A++→A |
| **98SOL11128W** | C | 0,32 | 10 | mono | Ni-Mh AA battery | 8h | metal & glass | black | 108 | 108 | 203 | 1/24 | A++→A |





RoHS COMPLIANT CE 2+0 standard +extended 2 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



ALDO 2L
96ALDO2L/GR



ALDO
96ALDO/BL

LED NEUTRAL WHITE 4000K **IP67** **Resin**

## ALDO

| Catalogue number | Product category | Model | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter (mm) | Diameter 1 (mm) | Beam angle | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **96ALDO/BL** | C | ALDO | 1.7 | 170 | 4000 | Black | 50 | 47 | 110 | 1/50 | A++→A |
| **96ALDO/GR** | C | ALDO | 1.7 | 170 | 4000 | Grey | 50 | 47 | 110 | 1/50 | A++→A |
| **96ALDO2L/BL** | C | ALDO 2L | 1.7 | 170 | 4000 | Black | 50 | 47 | 110 | 1/50 | A++→A |
| **96ALDO2L/GR** | C | ALDO 2L | 1.7 | 170 | 4000 | Grey | 50 | 47 | 110 | 1/50 | A++→A |

**Body:** Resin with opal glass | **UV resistant** | **Lamp holder:** G9 | **Lamp included**






The product ALDO is accomplished with a LED bulb which parameters are noted in the chart. If you need any other color temperature or power, we suggest you to purchase the variants compatible to this fixtures separately as follows:

**99LED933** G9 LED 7W 3000K | **99LED933W** G9 LED 7W 4000K | **99LED933CW** G9 LED 7W 6400K

50/60 Hz · IP 67 · RoHS · 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of 96GRFLED068 the delivery time after order confirmation will be 90 days, and for others products 45 days.***



CECI 90 3L
96CECI3L/BL



CECI 90
96CECI90/GR



GRF
96GRFLED068

LED NEUTRAL WHITE 4000K COOL WHITE 6400K **IP67**

## GRF068 / CECI RESIN

| Catalogue number | Product category | Model | Colour | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Diameter (mm) | Height (mm) | Beam angle | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **96CECI90/BL** | C | CECI 90 | Black | 3.5 | 400 | 4000 | 95 | 115 | 45° | 1/40 | A⁺⁺→A |
| **96CECI90/GR** | C | CECI 90 | Gray | 3.5 | 400 | 4000 | 95 | 115 | 45° | 1/40 | A⁺⁺→A |
| **96CECI3L/BL** | C | CECI 90 3L | Black | 3.5 | 400 | 4000 | 95 | 115 | 45° | 1/40 | A⁺⁺→A |
| **96CECI3L/GR** | C | CECI 90 3L | Gray | 3.5 | 400 | 4000 | 95 | 115 | 45° | 1/40 | A⁺⁺→A |
| **96GRFLED068** | C | GRF | Gray | 1 | 60 | 6000-6500 | 100 | 61 | 45° | 1/40 | A⁺⁺→A |

**GRF067: Material:** 304 Stainless steel | **Voltage:** 100-240V | **LED** source: Integrated SMD Epistar | IK10 | Corrosion proof
**CECI: Material:** Resin | UV resistant | Lamp included | **Lamp holder:** GU10





The product CECI 90 and CECI 90 3L are accomplished with a LED bulb which parameters are noted in the chart. If you need any other color temperature or power, we suggest you to purchase the variants compatible to this fixtures separately as follows:

**99LED729** GU 10 LED SMD 6.5W 4000K | **99LED730** GU 10 LED SMD 6.5W 2700K | **99LED796** GU 10 LED SMD 6.5W 6400K
**99LED733** GU 10 LED SMD RED | **99LED734** GU 10 LED SMD BLUE | **99LED735** GU 10 LED SMD GREEN

50/60 Hz | IP 67 | RoHS | 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of 96GRFLED068 the delivery time after order confirmation will be 90 days, and for others products 45 days.***



GRF109 IP67



GRF 102 IP67
96GRF102/AB

**IP67**

UNTIL SUPPLY LAST

## EMPTY FIXTURE GRF, IP67

| Catalogue number | Product category | Description | Colour | Width/Diameter (mm) | Height (mm) | Lampholder | Material | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **96GRF102/AB** | F | Ground recessed fixtures | Antique bronze | 102 | 137 | 1 x GU5.3 | Casting brass flat over and composite material body with PVC embedded part | 1/18 | A++→E |

Load capacity is 3 ton

12V | 50/60 Hz | MR-16 | GU5.3 | IP 67 | RoHS | III | F | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY

**IP67**

UNTIL SUPPLY LAST

## EMPTY FIXTURE GRF 109, IP67

| Catalogue number | Product category | Watt (W) | Voltage (V) | Lamp | Colour | Current (A) | Balast | Diameter (mm) | Length (mm) | Height (mm) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **96GRF109/70** | F | | 230 | MHL | satin nickel | | empty | 260 | 280 | 185 | A++→E |
| **96GRF109/150** | F | | 230 | MHL | satin nickel | | empty | 260 | 280 | 185 | A++→E |

**Body:** PVC | **Diffuser:** aluminium ring and tempered glass | Lamp not included
Load capacity is 3 ton. | w/o driver

~230V | IP 67 | RoHS | F | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY



GRF105 IP65
96GRF105



GRF106 IP65
96GRF106



**IP65**

## EMPTY FIXTURE GRF, IP65

| Catalogue number | Product category | Watt (W) | Voltage (V) | Lamp holder | Colour | Diameter (mm) | Length (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **96GRF105** | F | max.50W | 12 | 1 x GU5.3 | satin nickel | 107 | 145 | 1/20 | A++→A |
| **96GRF106** | F | max.50W | 220 | 1 x GU10 | satin nickel | 107 | 145 | 1/20 | A++→A |

**Body:** PVC | **Diffuser:** aluminium ring and tempered glass | Lamp not included
Load capacity is 3 ton. | w/o driver

2+0 standard +extended 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



RAY
96RAY40



RAY
96RAY30



RAY
96RAY20



RAY
96RAY10

LED COOL WHITE 6400K **IP67**

## RAY

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour aluminium ring | Diameter (mm) | Diameter 1 (mm) | Length (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **96RAY10** | C | 10 | 900 | 5500 | satin nickel | 160 | 150 | 100 | 1/12 | A++→A |
| **96RAY20** | C | 20 | 1800 | 5500 | satin nickel | 180 | 160 | 123 | 1/8 | A++→A |
| **96RAY30** | C | 30 | 2700 | 5500 | satin nickel | 230 | 210 | 135 | 1/6 | A++→A |
| **96RAY40** | C | 40 | 3600 | 5500 | satin nickel | 230 | 215 | 135 | 1/6 | A++→A |

**Body:** aluminium | **Diffuser:** aluminium ring and tempered glass | Load capacity is 2.5 ton | **LED driver:** mounted in the body
**Light source:** Epistar LED

~230V | 50/60 Hz | Ra>80 | >15000 | INSTANT 100% | 30000h | Hg | IP 67 | RoHS COMPLIANT | EMC | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



WADE FIXTURE IP65



LED COOL WHITE 6400K **IP65**

## WADE FIXTURE IP65

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **9WF18CW** | C | 18 | 1600 | 6500 | white | 700 | 55 | 35 | 1/20 | A++→A |
| **9WF36CW** | C | 36 | 3500 | 6500 | white | 1230 | 55 | 35 | 1/12 | A++→A |
| **9WF45CW** | C | 45 | 4300 | 6500 | white | 1530 | 53 | 35 | 1/12 | A++→A |

**Body:** polycarbonate (PC) | **Diffuser:** polycarbonate (PC) | **Clamps:** inox | **Light source:** Sanan 2835 SMD| **Power factor:** λ>0.9 | **Starting time:** <1s | **Beam angle:** 120°
Cable gland, metal clips for wall fixing.

~230V | 50/60 Hz | SMD | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | IP 65 | RoHS COMPLIANT | EMC | 2+1 standard +extended 3 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



BELLA STELLAR SMD2835

LED | NEUTRAL WHITE 4000K | COOL WHITE 6400K | **IP65**

## BELLA STELLAR SMD2835

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **9XBR18LED** | C | 18 | 1620 | 4000 | Grey | 610 | 75 | 62 | 1/8 | A++→A |
| **9XBR18LEDCW** | C | 18 | 1620 | 6500 | Grey | 610 | 75 | 62 | 1/8 | A++→A |
| **9XBR36LED** | C | 36 | 3240 | 4000 | Grey | 1210 | 75 | 62 | 1/8 | A++→A |
| **9XBR36LEDCW** | C | 36 | 3240 | 6500 | Grey | 1210 | 75 | 62 | 1/8 | A++→A |
| **9XBR54LED** | C | 54 | 4860 | 4000 | Grey | 1510 | 75 | 62 | 1/8 | A++→A |
| **9XBR54LEDCW** | C | 54 | 4860 | 6500 | Grey | 1510 | 75 | 62 | 1/8 | A++→A |





**Body:** PC | **Diffuser:** PC Opal | **Clips:** polycarbonate | **Cable gland, metal clips for wall fixing** | **Light source:** Sanan 2835SMD

~230V | 50/60 Hz | SMD | Ra≥80 | >20000 | 100% | 30000h | Hg | IP 65 | RoHS | EMC | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



BELLA SMD2835

LED | NEUTRAL WHITE 4000K | COOL WHITE 6400K | **IP65**

## BELLA LUMINAIRE SMD2835

| Catalogue number | Catalogue number with Emergency kit | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **9BR20LED** | - | C | 20 | 1800 | 4000 | grey | 600 | 80 | 70 | 1/16 | A++→A |
| **9BR20LEDCW** | - | C | 20 | 1800 | 6500 | grey | 600 | 80 | 70 | 1/16 | A++→A |
| **9BR40LED** | **9BR40LEDE** | C | 40 | 4400 | 4000 | grey | 1200 | 80 | 70 | 1/12 | A++→A |
| **9BR40LEDCW** | **9BR40LEDCWE** | C | 40 | 4400 | 6500 | grey | 1200 | 80 | 70 | 1/12 | A++→A |
| **9BR55LED** | **9BR55LEDE** | C | 55 | 5000 | 4000 | grey | 1476 | 80 | 70 | 1/9 | A++→A |
| **9BR55LEDCW** | **9BR55LEDCWE** | C | 55 | 5000 | 6500 | grey | 1476 | 80 | 70 | 1/9 | A++→A |





Emergency kit with a possibility for work in an emergency regime more than two hours.

**Body:** polycarbonate (PC) | **Diffuser:** polycarbonate (PC) | **Reflector:** steel white | **Light source:** Epistar | **Clips:** INOX
Cable gland, metal clips for wall fixing.

~230V | 50/60 Hz | SMD | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | IP 65 | RoHS COMPLIANT | EMC | CE | 4+1 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



BELLA with LED Tubes T8 STELLAR

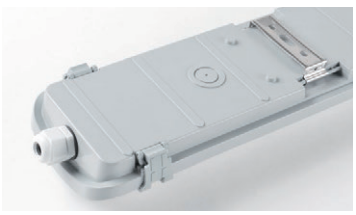
LED | NEUTRAL WHITE 4000K | COOL WHITE 6400K | **IP65**

## BELLA with LED Tubes T8 STELLAR

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **9BR109LEDCW** | C | 1X9 | 585 | 6200-6500 | grey | 655 | 68 | 58 | 1/8 | A+ A++>A |
| **9BR109LED** | C | 1X9 | 585 | 4000-4300 | grey | 655 | 68 | 58 | 1/8 | A+ A++>A |
| **9BR209LEDCW** | C | 2X9 | 1170 | 6200-6500 | grey | 655 | 113 | 58 | 1/6 | A+ A++>A |
| **9BR209LED** | C | 2X9 | 1170 | 4000-4300 | grey | 655 | 113 | 58 | 1/6 | A+ A++>A |
| **9BR118LEDCW** | C | 1X18 | 1170 | 6200-6500 | grey | 1270 | 68 | 58 | 1/8 | A+ A++>A |
| **9BR118LED** | C | 1X18 | 1170 | 4000-4300 | grey | 1270 | 68 | 58 | 1/8 | A+ A++>A |
| **9BR218LEDCW** | C | 2X18 | 2340 | 6200-6500 | grey | 1270 | 113 | 58 | 1/8 | A+ A++>A |
| **9BR218LED** | C | 2X18 | 2340 | 4000-4300 | grey | 1270 | 113 | 58 | 1/8 | A+ A++>A |
| **9BR122LEDCW** | C | 1X24 | 1430 | 6200-6500 | grey | 1565 | 68 | 58 | 1/8 | A+ A++>A |
| **9BR122LED** | C | 1X24 | 1430 | 4000-4300 | grey | 1565 | 68 | 58 | 1/8 | A+ A++>A |
| **9BR222LEDCW** | C | 2X24 | 2860 | 6200-6500 | grey | 1565 | 113 | 58 | 1/6 | A+ A++>A |
| **9BR222LED** | C | 2X24 | 2860 | 4000-4300 | grey | 1565 | 113 | 58 | 1/6 | A+ A++>A |



with LED tubes STELLAR





**Body:** ABC | **Diffuser:** polycarbonate (PC) | **Reflector:** without | **Clips:** polycarbonate | Cable gland, metal clips for wall fixing. | **Light source:** LED tubes

~230V | 50/60 Hz | LED T8 | G13 | Ra≥80 | >10000 | INSTANT 100% | 15000h | Hg | IP 65 | RoHS COMPLIANT | EMC | F | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LED | NEUTRAL WHITE 4000K | COOL WHITE 6400K | **IP65**

## BELLA with LED Tubes T8 ELMARK

| Catalogue number | Catalogue number with Emergency kit | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **9BM110LEDCW** | - | C | 1X10 | 800 | 6500 | grey | 670 | 86 | 100 | 1/12 | A+ A++→A |
| **9BM110LED** | - | C | 1X10 | 800 | 4000 | grey | 670 | 86 | 100 | 1/12 | A+ A++→A |
| **9BM118LEDCW** | - | C | 1X18 | 1440 | 6500 | grey | 1270 | 86 | 100 | 1/9 | A+ A++→A |
| **9BM118LED** | - | C | 1X18 | 1440 | 4000 | grey | 1270 | 86 | 100 | 1/9 | A+ A++→A |
| **9BM124LEDCW** | - | C | 1X24 | 1920 | 6500 | grey | 1570 | 106 | 110 | 1/6 | A+ A++→A |
| **9BM124LED** | - | C | 1X24 | 1920 | 4000 | grey | 1570 | 106 | 110 | 1/6 | A+ A++→A |
| **9BM210LEDCW** | - | C | 2X10 | 1600 | 6500 | grey | 670 | 131 | 100 | 1/9 | A+ A++→A |
| **9BM210LED** | - | C | 2X10 | 1600 | 4000 | grey | 670 | 131 | 100 | 1/9 | A+ A++→A |
| **9BM218LEDCW** | **9BM218LEDCWE** | C | 2X18 | 2880 | 6500 | grey | 1270 | 131 | 100 | 1/6 | A+ A++→A |
| **9BM218LED** | **9BM218LEDE** | C | 2X18 | 2880 | 4000 | grey | 1270 | 131 | 100 | 1/6 | A+ A++→A |
| **9BM224LEDCW** | **9BM224LEDCWE** | C | 2X24 | 3840 | 6500 | grey | 1570 | 166 | 110 | 1/4 | A+ A++→A |
| **9BM224LED** | **9BM224LEDE** | C | 2X24 | 3840 | 4000 | grey | 1570 | 166 | 110 | 1/4 | A+ A++→A |

with LED tubes ELMARK





We offer the fixtures as per personal request with a fixed block and battery with a possibility for work in an emergency regime 60-180min



Wire and fittings for hanging mounting 2,5m
2 pcs/ pack
92ACC03

**Body:** polycarbonate (PC) | **Diffuser:** polycarbonate (PC) | **Reflector:** steel white | Ballast: fixed inside the body | **Clamps:** polycarbonate | Cable gland, metal clips for wall fixing.

~230V | 50/60 Hz | LED T8 | G13 | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | IP 65 | RoHS COMPLIANT | EMC | 3+0 standard +extended 3 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LED | NEUTRAL WHITE 4000K | COOL WHITE 6400K | **IP65**

UNTIL SUPPLY **LAST**

## BELLA luminaire with LED tubes T5 ELMARK

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **9BE114LEDW** | F | 1X10 | 1000 | 4000 | grey | 670 | 74 | 80 | 1/12 | A+ A++→A |
| **9BE128LEDW** | F | 1X20 | 2000 | 4000 | grey | 1210 | 64 | 85 | 1/9 | A+ A++→A |
| **9BE214LEDW** | F | 2X10 | 2000 | 4000 | grey | 670 | 106 | 80 | 1/9 | A+ A++→A |
| **9BE114LEDCW** | F | 1X10 | 1000 | 6400 | grey | 670 | 74 | 80 | 1/12 | A+ A++→A |
| **9BE128LEDCW** | F | 1X20 | 2000 | 6400 | grey | 1210 | 64 | 85 | 1/9 | A+ A++→A |
| **9BE214LEDCW** | F | 2X10 | 2000 | 6400 | grey | 670 | 106 | 80 | 1/9 | A+ A++→A |

with LED tubes ELMARK



**Body:** polycarbonate (PC) | **Diffuser:** polycarbonate (PC) | **Reflector:** steel white | **Clamps:** inox | Cable gland, metal clips for wall fixing.

~230V | 50/60 Hz | LED T5 | G5 | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | IP 65 | RoHS COMPLIANT | EMC | 3+0 standard +extended 3 YEAR TOTAL WARRANTY



**IP65**

## EMPTY FIXTURES BELLA FOR SINGLE ENDED LED TUBES T8

| Catalogue number | Product category | Led tube size | Colour | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **89084** | C | 1x600mm | grey | 670 | 86 | 100 | 1/12 | A++→B |
| **89085** | C | 2x600mm | grey | 670 | 131 | 100 | 1/9 | A++→B |
| **89086** | C | 1x1200mm | grey | 1270 | 86 | 100 | 1/9 | A++→B |
| **89087** | C | 2x1200mm | grey | 1270 | 131 | 100 | 1/6 | A++→B |
| **89088** | C | 1x1500mm | grey | 1570 | 86 | 100 | 1/6 | A++→B |
| **89089** | C | 2x1500mm | grey | 1570 | 131 | 100 | 1/4 | A++→B |





**Body:** polycarbonate (PC) | **Diffuser:** polycarbonate (PC) | **Reflector:** steel white | **Clips:** polycarbonate | Cable gland, metal clips for wall fixing. | Lamp not included

~230V | 50/60 Hz | G13 | IP 65 | RoHS COMPLIANT | EMC | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LED NEUTRAL WHITE 4000K **IP65**

## HELIOS SMD

| Catalogue number | Product category | Model | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **98HELIOS10/WH** | C | HELIOS10 | 10 | 800 | 4000 | white | 105 | 25 | 85 | 1/50 | A++→A |
| **98HELIOS20/WH** | C | HELIOS20 | 20 | 1600 | 4000 | white | 128 | 25 | 88 | 1/50 | A++→A |
| **98HELIOS30/WH** | C | HELIOS30 | 30 | 2400 | 4000 | white | 153 | 25 | 111 | 1/30 | A++→A |
| **98HELIOS50/WH** | C | HELIOS50 | 50 | 4000 | 4000 | white | 205 | 30 | 160 | 1/20 | A++→A |
| **98HELIOS100/WH** | C | HELIOS100 | 100 | 8000 | 4000 | white | 300 | 30 | 205 | 1/10 | A++→A |

**Body:** Aluminium casting | **LED driver:** mounted in the body | **Light source:** Epistar SMD2835 | **Input voltage:** 176 - 264V | **Ambient Temperature:** -20°C÷ +55°C



Side View



Terminal box IP44

Material: PC
Voltage: 450V
Rated current: 6A
Wiring Capacity: 0.5-4.0mm2

Cat. Number: 31071



Terminal box IP65

Material: Polypropylene 94-V2 grade
Sunscreen Rating:Sun Protection(UV)
Voltage: 450V
Rated current: 10A
Terminal Blocks: 3p screw type
Metal Part:Plated Brass/Steel Spring
Wiring Capacity: 0.5-2.5mm2

Cat. Number: 31070



Cable connector IP68

Rated operational voltage:AC250V
Rated operational Ampere(A):≤30A
Material: flame retardant/Anti UV nylon(PA66)
Crimping terminals:Nickle-plated brass
Withstand voltage(normal temperature):3KV
Operating remperature range: -40°C~+105°C
Wiring Capacity: 0.5-2.5mm2

Cat. Number: 31072

~230V | 50/60 Hz | 120° | Ra>70 | 15000h | Hg | IP 65 | RoHS COMPLIANT | F | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LED COOL WHITE 6400K **IP65**

## HELIOS SMD

| Catalogue number | Product category | Model | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **98HELIOS10** | C | HELIOS10 | 10 | 800 | 5000-5500 | black | 105 | 25 | 85 | 1/40 | A++→A |
| **98HELIOS20** | C | HELIOS20 | 20 | 1600 | 5000-5500 | black | 128 | 25 | 88 | 1/40 | A++→A |
| **98HELIOS30** | C | HELIOS30 | 30 | 2400 | 5000-5500 | black | 153 | 25 | 111 | 1/20 | A++→A |
| **98HELIOS50** | C | HELIOS50 | 50 | 4000 | 5000-5500 | black | 205 | 30 | 160 | 1/20 | A++→A |
| **98HELIOS100** | C | HELIOS100 | 100 | 8000 | 5000-5500 | black | 300 | 30 | 205 | 1/10 | A++→A |
| **98HELIOS150** | C | HELIOS150 | 150 | 10000 | 5000-5500 | black | 333 | 40 | 254 | 1/10 | A++→A |
| **98HELIOS200** | C | HELIOS200 | 200 | 12000 | 5000-5500 | black | 360 | 42 | 280 | 1/10 | A++→A |
| **98HELIOS20SEN** | C | HELIOS20SEN | 20 | 1600 | 5000-5500 | black | 134 | 35 | 109 | 1/20 | A++→A |
| **98HELIOS30SEN** | C | HELIOS30SEN | 30 | 2400 | 5000-5500 | black | 173 | 35 | 136 | 1/10 | A++→A |
| **98HELIOS50SEN** | C | HELIOS50SEN | 50 | 4000 | 5000-5500 | black | 210 | 35 | 163 | 1/10 | A++→A |

**Body:** Aluminium casting | **LED driver:** mounted in the body | **Light source:** Epistar SMD2835 | **Input voltage:** 176 - 264V | **Ambient Temperature:** -20°C÷ +55°C
**Sensor:** detection range:120° | **Detection distance:** MAX 8 m(±2 m) | **Time setting:** 140±20 s | **Ambient light:** 25±10 lux



Terminal box IP44

Material: PC
Voltage: 450V
Rated current: 6A
Wiring Capacity: 0.5-4.0mm2

Cat. Number: 31071



Terminal box IP65

Material: Polypropylene 94-V2 grade
Sunscreen Rating:Sun Protection(UV)
Voltage: 450V
Rated current: 10A
Terminal Blocks: 3p screw type
Metal Part:Plated Brass/Steel Spring
Wiring Capacity: 0.5-2.5mm2

Cat. Number: 31070



Cable connector IP68

Rated operational voltage:AC250V
Rated operational Ampere(A):≤30A
Material: flame retardant/Anti UV nylon(PA66)
Crimping terminals:Nickle-plated brass
Withstand voltage(normal temperature):3KV
Operating remperature range: -40°C~+105°C
Wiring Capacity: 0.5-2.5mm2

Cat. Number: 31072

~230V | 50/60 Hz | 120° | Ra>70 | 15000h | Hg | IP 65 | RoHS COMPLIANT | F | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



VEGA SLIM
98VEGA10SLIM
98VEGA20SLIM
98VEGA30SLIM
98VEGA50SLIM
98VEGA100SLIM



VEGA SLIM WITH SENSOR
98VEGA10SENSLIM
98VEGA20SENSLIM
98VEGA30SENSLIM
98VEGA50SENSLIM

LED | COOL WHITE 6400K | IP65 | INDUSTRIAL

## VEGA SLIM / VEGA SLIM WITH SENSOR

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **98VEGA10SLIM** | C | 10 | 900 | 5500 | black | 102 | 24 | 83 | 1/40 | A+ A++→A |
| **98VEGA20SLIM** | C | 20 | 1800 | 5500 | black | 131 | 26 | 117 | 1/40 | A+ A++→A |
| **98VEGA30SLIM** | C | 30 | 2700 | 5500 | black | 215 | 30 | 185 | 1/20 | A+ A++→A |
| **98VEGA50SLIM** | C | 50 | 4500 | 5500 | black | 230 | 30 | 195 | 1/20 | A+ A++→A |
| **98VEGA100SLIM** | C | 100 | 9000 | 5500 | black | 327 | 42 | 265 | 1/10 | A+ A++→A |
| **98VEGA10SENSLIM** | C | 10 | 900 | 5500 | black | 102 | 50 | 153 | 1/50 | A+ A++→A |
| **98VEGA20SENSLIM** | C | 20 | 1800 | 5500 | black | 134 | 34 | 98 | 1/30 | A+ A++→A |
| **98VEGA30SENSLIM** | C | 30 | 2700 | 5500 | black | 215 | 30 | 185 | 1/20 | A+ A++→A |
| **98VEGA50SENSLIM** | C | 50 | 4500 | 5500 | black | 230 | 30 | 195 | 1/10 | A+ A++→A |

**Body:** Plastic+Aluminium | **LED driver:** linear | **Light source:** SANAN | **Input voltage:** 220V-240V AC | **Cable length:** 300 mm | **Ambient Temperature:** -30°C÷ +65°C
**Sensor:** | **Detection Range:**110° | **Detection Distance:** MAX 8m(adjustable) | **Ambient Light:** 2-1000 lux (adjustable) | **Detection Motion Speed:** 0.6-1.5m/s;



Terminal box IP44

Material: PC
Voltage: 450V
Rated current: 6A
Wiring Capacity: 0.5-4.0mm2
Cat. Number: 31071



Terminal box IP65

Material: Polypropylene 94-V2 grade
Sunscreen Rating:Sun Protection(UV)
Voltage: 450V
Rated current: 10A
Terminal Blocks: 3p screw type
Metal Part:Plated Brass/Steel Spring
Wiring Capacity: 0.5-2.5mm2
Cat. Number: 31070



Cable connector IP68

Rated operational voltage:AC250V
Rated operational Ampere(A):≤30A
Material: flame retardant/Anti UV nylon(PA66)
Crimping terminals:Nickle-plated brass
Withstand voltage(normal temperature):3KV
Operating remperature range: -40°C~+105°C
Wiring Capacity: 0.5-2.5mm2
Cat. Number: 31072

~230V | 50/60 Hz | SMD | 110° | Ra>70 | 20000h | Hg | IP 65 | RoHS | F | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



## VEGA SLIM

98VEGA10SLIM/WH
98VEGA20SLIM/WH
98VEGA30SLIM/WH
98VEGA50SLIM/WH
98VEGA100SLIM/WH

LED | NEUTRAL WHITE 4000K | IP65 | INDUSTRIAL

## VEGA SLIM / VEGA SLIM WITH SENSOR

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **98VEGA10SLIM/WH** | C | 10 | 900 | 4000 | white | 111 | 25 | 100 | 1/40 | A+ A++→A |
| **98VEGA20SLIM/WH** | C | 20 | 1800 | 4000 | white | 131 | 26 | 117 | 1/40 | A+ A++→A |
| **98VEGA30SLIM/WH** | C | 30 | 2700 | 4000 | white | 215 | 32 | 185 | 1/20 | A+ A++→A |
| **98VEGA50SLIM/WH** | C | 50 | 4500 | 4000 | white | 230 | 30 | 195 | 1/20 | A+ A++→A |
| **98VEGA100SLIM/WH** | C | 100 | 9000 | 4000 | white | 327 | 42 | 265 | 1/10 | A+ A++→A |
| **98VEGA20SENSLIM/WH** | C | 20 | 1800 | 4000 | white | 131 | 26 | 117 | 1/30 | A+ A++→A |
| **98VEGA30SENSLIM/WH** | C | 30 | 2700 | 4000 | white | 215 | 30 | 185 | 1/20 | A+ A++→A |
| **98VEGA50SENSLIM/WH** | C | 50 | 4500 | 4000 | white | 230 | 32 | 195 | 1/10 | A+ A++→A |

**Body:** Plastic+Aluminium | **LED driver:** linear | **Light source:** SANAN | **Input voltage:** 220V-240V AC | **Cable length:** 300 mm | **Ambient Temperature:** -30°C÷ +65°C
**Sensor:** | **Detection Range:**110° | **Detection Distance:** MAX 8m(adjustable) | **Ambient Light:** 2-1000 lux (adjustable) | **Detection Motion Speed:** 0.6-1.5m/s;



Terminal box IP44

Material: PC
Voltage: 450V
Rated current: 6A
Wiring Capacity: 0.5-4.0mm2

Cat. Number: 31071



Terminal box IP65

Material: Polypropylene 94-V2 grade
Sunscreen Rating:Sun Protection(UV)
Voltage: 450V
Rated current: 10A
Terminal Blocks: 3p screw type
Metal Part:Plated Brass/Steel Spring
Wiring Capacity: 0.5-2.5mm2

Cat. Number: 31070



Cable connector IP68

Rated operational voltage:AC250V
Rated operational Ampere(A):≤30A
Material: flame retardant/Anti UV nylon(PA66)
Crimping terminals:Nickle-plated brass
Withstand voltage(normal temperature):3KV
Operating remperature range: -40°C~+105°C
Wiring Capacity: 0.5-2.5mm2

Cat. Number: 31072

~230V | 50/60 Hz | SMD | 110° | Ra>70 | 20000h | Hg | IP 65 | RoHS | F | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

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# VEGA SLIM

98VEGA150SLIM
98VEGA200SLIM

LED | COOL WHITE 6400K | IP65 | INDUSTRIAL

## VEGA SLIM

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **98VEGA150SLIM** | C | 150 | 15000 | 5500 | black | 381 | 45 | 302 | 1/1 | A+ A++→A |
| **98VEGA200SLIM** | C | 200 | 20000 | 5500 | black | 420 | 45 | 320 | 1/1 | A+ A++→A |

**Body:** Plastic+Aluminium | **LED driver:** linear | **Light source:** SANAN | **Input voltage:** 220V-240V AC | **Cable length:** 300 mm | **Ambient Temperature:** -30°C÷ +65°C



Terminal box IP44

Material: PC
Voltage: 450V
Rated current: 6A
Wiring Capacity: 0.5-4.0mm2

Cat. Number: 31071



Terminal box IP65

Material: Polypropylene 94-V2 grade
Sunscreen Rating:Sun Protection(UV)
Voltage: 450V
Rated current: 10A
Terminal Blocks: 3p screw type
Metal Part:Plated Brass/Steel Spring
Wiring Capacity: 0.5-2.5mm2

Cat. Number: 31070



Cable connector IP68

Rated operational voltage:AC250V
Rated operational Ampere(A):≤30A
Material: flame retardant/Anti UV nylon(PA66)
Crimping terminals:Nickle-plated brass
Withstand voltage(normal temperature):3KV
Operating remperature range: -40°C~+105°C
Wiring Capacity: 0.5-2.5mm2

Cat. Number: 31072

~230V | 50/60 Hz | SMD | 110° | Ra>70 | 20000h | Hg | IP 65 | RoHS | CE | 3+2 standard +extended 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LYRA RGB
98LYRA15RGB



LYRA RGB
98LYRA50RGB



LYRA RGB
98LYRA30RGB



LED IP65 INDUSTRIAL

## LYRA RGB

| Catalogue number | Product category | Model | Watt (W) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **98LYRA15RGB** | C | LYRA15 | 15 | RGB | black | 140 | 195 | 50 | 1/20 | A++→A |
| **98LYRA30RGB** | C | LYRA30 | 30 | RGB | black | 184 | 254 | 57 | 1/10 | A++→A |
| **98LYRA50RGB** | C | LYRA50 | 50 | RGB | black | 233 | 300 | 67 | 1/5 | A++→A |

**Body:** Aluminium casting | **LED driver:** mounted in the body | **Light source:** Epistar SMD2835 | **Input voltage:** 200-240V | **Remote-controlled distance:** 6-8M
**Ambient Temperature:** - 30°C÷ +55°C | **Diffuser:** Tempered glass



Terminal box IP44

Material: PC
Voltage: 450V
Rated current: 6A
Wiring Capacity: 0.5-4.0mm2

Cat. Number: 31071



Terminal box IP65

Material: Polypropylene 94-V2 grade
Sunscreen Rating:Sun Protection(UV)
Voltage: 450V
Rated current: 10A
Terminal Blocks: 3p screw type
Metal Part:Plated Brass/Steel Spring
Wiring Capacity: 0.5-2.5mm2

Cat. Number: 31070



Cable connector IP68

Rated operational voltage:AC250V
Rated operational Ampere(A):≤30A
Material: flame retardant/Anti UV nylon(PA66)
Crimping terminals:Nickle-plated brass
Withstand voltage(normal temperature):3KV
Operating remperature range: -40°C~+105°C
Wiring Capacity: 0.5-2.5mm2

Cat. Number: 31072

~230V | 50/60 Hz | 120° | Ra>70 | 20000h | Hg | IP 65 | RoHS COMPLIANT | F | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY

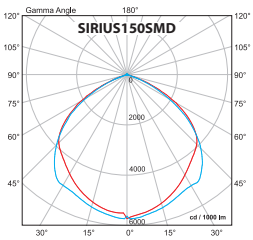
***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

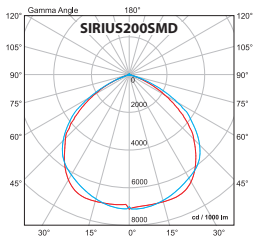


LED | COOL WHITE 6400K | IP65 | 110° | INDUSTRIAL

## SIRIUS SMD

| Catalogue number | Product category | Model | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **98SIRIUS50SMD** | C | SIRIUS50SMD | 50 | 5000 | 6500 | black | 137 | 35 | 170 | 1/10 | A++→A |
| **98SIRIUS100SMD** | C | SIRIUS100SMD | 100 | 10000 | 5500 | black | 310 | 80 | 430 | 1/10 | A++→A |
| **98SIRIUS150SMD** | C | SIRIUS150SMD | 150 | 15000 | 5500 | black | 310 | 80 | 430 | 1/10 | A++→A |
| **98SIRIUS200SMD** | C | SIRIUS200SMD | 200 | 20000 | 5500 | black | 386 | 106 | 560 | 1/10 | A++→A |
| **98SIRIUS250SMD** | C | SIRIUS250SMD | 250 | 25000 | 5500 | black | 386 | 106 | 560 | 1/10 | A++→A |
| **98SIRIUS300SMD** | C | SIRIUS300SMD | 300 | 30000 | 5500 | black | 386 | 106 | 560 | 1/10 | A++→A |




**Body:** Aluminium | **LED driver:** mounted in the body | **Light source:** 2835SMT Epistar | **Input voltage:** 100V-240V AC | **Ambient Temperature:** -30°C÷ +65°C



Terminal box IP44

Material: PC
Voltage: 450V
Rated current: 6A
Wiring Capacity: 0.5-4.0mm2

Cat. Number: 31071



Terminal box IP65

Material: Polypropylene 94-V2 grade
Sunscreen Rating:Sun Protection(UV)
Voltage: 450V
Rated current: 10A
Terminal Blocks: 3p screw type
Metal Part:Plated Brass/Steel Spring
Wiring Capacity: 0.5-2.5mm2

Cat. Number: 31070



Cable connector IP68

Rated operational voltage:AC250V
Rated operational Ampere(A):≤30A
Material: flame retardant/Anti UV nylon(PA66)
Crimping terminals:Nickle-plated brass
Withstand voltage(normal temperature):3KV
Operating remperature range: -40°C~+105°C
Wiring Capacity: 0.5-2.5mm2

Cat. Number: 31072

~230V | 50/60 Hz | SMD | 110° | Ra>70 | 30000h | Hg | IP 65 | RoHS | F | CE | 5+0 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



STADIUM FLOOD LIGHTS PHOENIX
98PHOENIX720CW/BL



STADIUM FLOOD LIGHTS PHOENIX
98PHOENIX960CW/BL



LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | IP67 | INDUSTRIAL

## STADIUM FLOOD LIGHTS PHOENIX

| Catalogue number | Product category | Watt (W) | Lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **98PHOENIX720CW/BL** | C | 720 | 86400 | 5500K | 30° | 833,4 | 442 | 201 | 1/1 | A++→A |
| **98PHOENIX960CW/BL** | C | 960 | 115200 | 5500K | 30° | 1090 | 442 | 201 | 1/1 | A++→A |





**Body:** Aluminium | **LED driver:** MEANWELL| **Light source:** PHILIPS | **Input voltage:** 230V AC | **Ambient Temperature:** -20°C÷ +65°C

~230V | 50000h | >20000 | Hg | IP 67 | RoHS | EMC | CE | 5+0 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



STADIUM FLOOD LIGHTS PHOENIX
98PHOENIX240CW/BL



STADIUM FLOOD LIGHTS PHOENIX
98PHOENIX480CW/BL



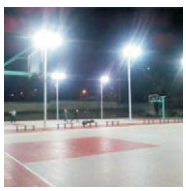
STADIUM FLOOD LIGHTS PHOENIX
98PHOENIX360CW/BL

LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | IP67 | INDUSTRIAL

## STADIUM FLOOD LIGHTS PHOENIX

| Catalogue number | Product category | Watt (W) | Lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **98PHOENIX240CW/BL** | C | 240 | 28800 | 5500K | 30° | 435,4 | 341 | 190 | 1/1 | A++→A |
| **98PHOENIX360CW/BL** | C | 360 | 43200 | 5500K | 30° | 618,4 | 341 | 200 | 1/1 | A++→A |
| **98PHOENIX480CW/BL** | C | 480 | 57600 | 5500K | 30° | 579,4 | 442 | 201 | 1/1 | A++→A |





**Body:** Aluminium | **LED driver:** MEANWELL| **Light source:** PHILIPS | **Input voltage:** 230V AC | **Ambient Temperature:** -20°C÷ +65°C

~230V | 50000h | >20000 | Hg | IP 67 | RoHS | EMC | F | CE | 5+0 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



## RECHARGEABLE WORKLAMP SMD

98FLOOD10

LED NEUTRAL WHITE 4000K **IP44**

UNTIL SUPPLY LAST

### LED WORKLAMP SMD

| Catalogue number | Product category | Model | Watt (W) | Whole lamp lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **98FLOOD10** | F | FLOOD10 | 10 | 1000 | 4000 | orange | 170 | 41 | 125 | 1/20 | A++→A |

**98FLOOD10:** 5V input &output with 220V adaptor and 1m USB charging cable | Ultra bright led | **Materials:** ABS | **Beam angle:** 120° | **Battery:** 18650 lithium 3.7V 4.4Ah | **Run time:** 4 hrs in 100% light/ 8hrs in 50% light | **Fully charge time:** 5-6hrs | **Lighting Mode:** 100%-50%-SOS-FLASH-OFF

~230V | 50/60 Hz | 110° | 20000h | IP 44 | RoHS | F | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY



## RECHARGEABLE WORKLAMP SMD

98FLOOD10Y

UNTIL SUPPLY LAST

LED NEUTRAL WHITE 4000K **IP44**

### RECHARGEABLE WORKLAMP SMD

| Catalogue number | Product category | Model | Watt (W) | Whole lamp lumens (lm) | Colour temp. (K) | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **98FLOOD10Y** | F | FLOOD10Y | 10 | 600 | 4000 | yellow | 242 | 25 | 215 | 1/10 | A++→A |

**Body:** Aluminium | **Light source:** SMD2835| **Input voltage:** 100V-240V | All-round rotation 360° | Any angle hover | With adaptor and car charge
**Time of battery work:** 100% light-2h; 50% light-4h

~230V | 50/60 Hz | 110° | 20000h | IP 44 | RoHS | F | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY



# LED WORK FLOODLIGHTS

98FLOOD30S
98FLOOD50S

LED IP65 220V

## LED WORK FLOODLIGHTS

| Catalogue number | Product category | Model | Watt (W) | Whole lamp lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Height (mm) | Width (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **98FLOOD30S** | C | FLOOD30S | 30 | 2700 | 5500 | 110° | 163.5 | 210 | 30.5 | 1/20 | A++→A |
| **98FLOOD50S** | C | FLOOD50S | 50 | 4500 | 5500 | 110° | 171 | 227 | 32 | 1/20 | A++→A |

**Material:** Aluminium | **Color body:** Yellow | **Working Temperature:** -20°C +45°C |Two meters 3*1.0mm2 rubber cable with plug





~230V | 50/60 Hz | 110° | 20000h | RoHS | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



ATLAS 45
98ATLAS45/BL1
98ATLAS45/BL2



ATLAS Sim
98ATSIM106
98ATLASSIM/1
98ATLASSIM/2



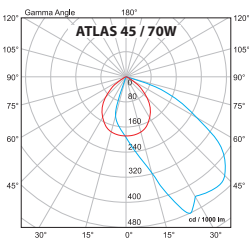
ATLAS Ring
98ATR107
98ATLASRING/1
98ATLASRING/2

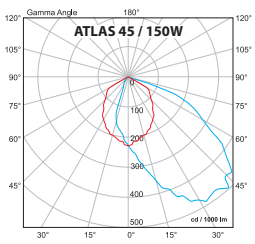
IP65 INDUSTRIAL

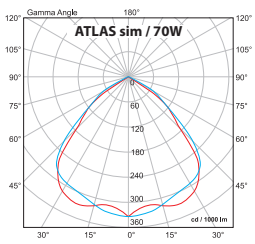
UNTIL SUPPLY LAST

## ATLAS

| Catalogue number | Product category | Watt (W) | Lampholder | Colour | Length1 (mm) | Length2 (mm) | Width (mm) | Width2 (mm) | Height (mm) | Current (A) | Control gear | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **98ATLAS45/BL1** | F | 70 | Rx7s | black | 435 | 350 | 232 | - | 85 | - | empty fixture | 1/4 | A++→C |
| **98ATLAS45/BL2** | F | 150 | Rx7s | black | 435 | 350 | 232 | - | 85 | - | empty fixture | 1/4 | A++→C |
| **98ATLAS45/W1** | F | 70 | Rx7s | white | 435 | 350 | 232 | - | 85 | - | empty fixture | 1/4 | A++→C |
| **98ATSIM106** | F | 150 | Rx7s | black | 232 | 210 | 280 | 220 | 170 | 1,80 | magnetic | 1/6 | A++→C |
| **98ATLASSIM/1** | F | 70 | Rx7s | black | 232 | 210 | 280 | 220 | 170 | - | empty fixture | 1/6 | A++→C |
| **98ATLASSIM/2** | F | 150 | Rx7s | black | 232 | 210 | 280 | 220 | 170 | - | empty fixture | 1/6 | A++→C |
| **98ATR107** | F | 70 | Rx7s | black | 325 | 280 | 230 | 210 | 93 | 0,95 | magnetic | 1/6 | A++→C |
| **98ATLASRING/1** | F | 70 | Rx7s | black | 325 | 280 | 230 | 210 | 93 | - | empty fixture | 1/6 | A++→C |
| **98ATLASRING/2** | F | 150 | Rx7s | black | 325 | 280 | 230 | 210 | 93 | - | empty fixture | 1/6 | A++→C |



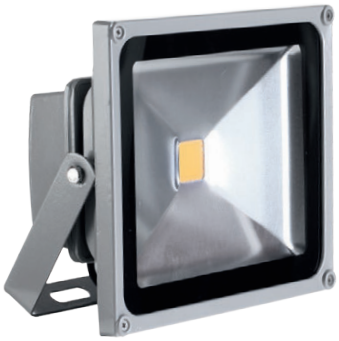




**Body:** aluminium | **Diffuser:** tempered glass | **Control gear:** mounted in the body
**Ambient Temperature:** -20°C ÷ +65°C

~230V | 50/60 Hz | MH-7 | Rx7s | 2,5mm² | IP 65 | RoHS COMPLIANT | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY



VEGA IP44
989009LED
989012LED
989008LED



VEGA IP65
98VEGA20



VEGA WITH SENSOR IP44
989019LED



LED | NEUTRAL WHITE 4000K | COOL WHITE 6400K | IP44 | IP65

UNTIL SUPPLY LAST

## VEGA

| Catalogue number | Product category | Model | Watt (W) | Lamp | Whole fixture lumens (lm) | Colour temp. (K) | Socket | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **989009LED** | F | VEGAJ-78 | 5.5 | LED | 440 | 4000 | R7s | grey | 200 | 145 | 120 | 1/20 | A+ A++→A |
| **989012LED** | F | VEGA J-118 | 7.5 | LED | 700 | 4000 | R7s | grey | 260 | 210 | 230 | 1/10 | A+ A++→A |
| **989008LED** | F | VEGAJ-78 | 5.5 | LED | 440 | 4000 | R7s | black | 200 | 145 | 120 | 1/20 | A+ A++→A |
| **989019LED** | F | VEGA J-118 with sensor | 7.5 | LED | 700 | 4000 | R7s | white | 260 | 210 | 230 | 1/10 | A+ A++→A |
| **989020LED** | F | VEGA J-118 with sensor | 7.5 | LED | 700 | 4000 | R7s | black | 260 | 210 | 230 | 1/10 | A+ A++→A |
| **98VEGA20** | F | VEGA 20 | 20 | COB | 1400 | 5500 | - | grey | 140/150 | 180 | 100 | 1/12 | A+ A++→A |

**Body:** aluminium casting | **Ambient Temperature:** -30°C÷ +65°C | **Diffuser:** Tempered glass

~230V | 50/60 Hz | 120° | Ra>70 | 20000h | Hg | IP 65 | IP 44 | RoHS | F | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY



# ROAD LIGHTS



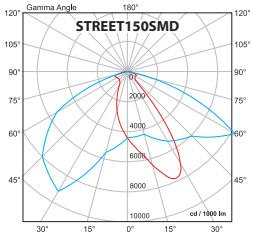
# STREET 300 SMD

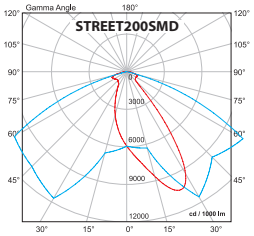
98STREET300SMD

LED | COOL WHITE 6400K | IP65 | DIMMABLE | INDUSTRIAL

## STREET SMD, LED CHIP SAMSUNG

| Catalogue number | Product category | Dimmable | Watt (W) | LED chip lumens (lm) | Colour temp (K) | Beam angle | Colour body | Diameter of the pole (mm) | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **98STREET150SMD** | C | - | 150 | 18000 | 5500 | 85°x135° | Silver aluminium | 60 | 501 | 290 | 87 | 1/1 | A++→A |
| **98STREET200SMD** | C | - | 200 | 24000 | 5500 | 85°x135° | Silver aluminium | 60 | 582 | 290 | 87 | 1/1 | A++→A |
| **98STREET250SMD** | C | Yes | 250 | 30000 | 5500 | 85°x135° | Silver aluminium | 60 | 662 | 290 | 87 | 1/1 | A++→A |
| **98STREET300SMD** | C | Yes | 300 | 36000 | 5500 | 85°x135° | Silver aluminium | 60 | 796 | 347 | 142 | 1/1 | A++→A |






WALL MOUNTING ACCESSORIES
**Diam.: 60mm**
Colour body: grey
Size (mm): Diameter 60 / Width 150 / Height 250
Catalogue number: 98POLE60
Packing (pcs): 1



POLE MOUNTING ACCESSORIES
**Diam.: 60mm**
Colour body: grey
Size (mm): Diameter 60 / Width 150 / Height 250
Catalogue number: 98POLE60P
Packing (pcs): 1

**Body:** Silver aluminium | **LED driver:** mounted in the body | **Light source:** Samsung 3030SMD | **Input voltage:** 100V-240V AC | **Ambient temperature:** -30°C÷ +65°C

~230V | 50/60 Hz | SMD | 135° | Ra>80 | 30000h | Hg | IP 65 | RoHS | F | CE | 5+2 standard +extended | 7 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



## ROUTE SMD STELLAR

98ROUTE30SMD
98ROUTE50SMD
98ROUTE100SMD
98ROUTE150SMD

LED COOL WHITE 6400K **IP65**

### ROUTE SMD STELLAR

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp (K) | Beam angle | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **98ROUTE30SMD** | C | 30 | 3000 | 5000-5500 | 85°x140° | 130 | 53 | 340 | 1/1 | A++→A |
| **98ROUTE50SMD** | C | 50 | 5000 | 5000-5500 | 85°x140° | 155 | 55 | 390 | 1/1 | A++→A |
| **98ROUTE100SMD** | C | 100 | 10000 | 5000-5500 | 85°x140° | 160 | 65 | 450 | 1/1 | A++→A |
| **98ROUTE150SMD** | C | 150 | 15000 | 5000-5500 | 85°x140° | 170 | 65 | 570 | 1/1 | A++→A |

Ultra thin design





WALL MOUNTING ACCESSORIES
**Diam.: 45mm**
Colour body: grey
Size (mm): Diameter 45 / Width 150 / Height 250
Catalogue number: 98POLE45
Packing (pcs): 1



POLE MOUNTING ACCESSORIES
**Diam.: 45mm**
Colour body: grey
Size (mm): Diameter 45 / Width 150 / Height 250
Catalogue number: 98POLE45P
Packing (pcs): 1

**Body:** Aluminium | **Cover:** PC | **Voltage:** 100-265 VAC | **Light source:** Sanan | **Ambient temperature:** -35°C÷ +45°C

~230V | 50/60 Hz | Ra>80 | 20000h | Hg | RoHS COMPLIANT | EMC | CE | 2+1 standard +extended | 3 YEAR TOTAL WARRANTY

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AVENUE 100 SMD
98AVENUE100SMD



AVENUE 50 SMD
98AVENUE50SMD



AVENUE 30 SMD
98AVENUE30SMD

LED COOL WHITE 6400K **IP67**

## AVENUE SMD, LED CHIP PHILIPS

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp (K) | Beam angle | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **98AVENUE30SMD** | C | 30 | 3000 | 5500 | 70°x150° | 365 | 18 | 90 | 1/1 | A++→A |
| **98AVENUE50SMD** | C | 50 | 5000 | 5500 | 70°x150° | 420 | 15 | 234 | 1/1 | A++→A |
| **98AVENUE100SMD** | C | 100 | 10000 | 5500 | 80°x150° | 605 | 15 | 295 | 1/1 | A++→A |

Ultra thin design





WALL MOUNTING ACCESSORIES
**Diam.: 60mm**
Colour body: grey
Size (mm): Diameter 60 / Width 150 / Height 250
Catalogue number: 98POLE60
Packing (pcs): 1



POLE MOUNTING ACCESSORIES
**Diam.: 60mm**
Colour body: grey
Size (mm): Diameter 60 / Width 150 / Height 250
Catalogue number: 98POLE60P
Packing (pcs): 1

**Body:** Aluminium casting | **LED driver:** mounted in the body | **Light source:** SMD3030 | **Input voltage:** 220-240V | **Working temperature:** -25+55°C

~230V | 50/60 Hz | Ra>80 | 35000h | IP 67 | RoHS | EMC | CE | 5+0 standard +extended 5 YEAR TOTAL WARRANTY

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# SOLAR LED STREET LIGHTS WITH SENSOR

98SOL100
98SOL101
98SOL102

LED | COOL WHITE 6400K | IP65 | Solar

## SOLAR LED STREET LIGHTS WITH SENSOR

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Solar panel (Wp) | Battery (V/mAh) | Sensor range (m) | Length (mm) | Height (mm) | Width (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **98SOL100** | C | 20 | 400 | 6000 | 2.3 | 3.7V/2400mAh | 2-6 | 137 | 224.4 | 41.5 | 1/1 | A++→A |
| **98SOL101** | C | 40 | 850 | 6000 | 7 | 3.7V/6000mAh | 3-8 | 193.7 | 351.4 | 50.8 | 1/1 | A++→A |
| **98SOL102** | C | 80 | 1600 | 6000 | 9.5 | 7.4V/5400mAh | 3-8 | 232 | 413 | 58 | 1/1 | A++→A |

**Material:** ABS + PC, anti UV and glossy, V0 fireproof | **Colour body:** Black | **Detection angle:** 120° | **Beam angle:** 140°x 70° | **Installation height 98SOL100:** 2-4meters, other models: 3-5m | Posibility to mounting on Wall or Lamp-post | **First 5 hours lighting:** Full brightness+ Weak brightness | After 5 hours or battery capacity<30%: Full brightness+ Weak brightnes+ OFF | **Solar panels:** Poly-cristalline silicone; Frosted surface- scratch resistant | **LED&Lens:** LM-80 LEDs 2835SMD; high transmittance PC optical lens | Accessory for wall mounted installation: included

Accessory for wall mounted installation



SMD | Ra>80 | Hg | RoHS | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



# FESTA SMD STELLAR

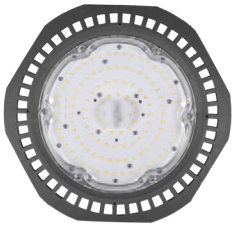
98FESTA100SMD
98FESTA150SMD
98FESTA200SMD

LED COOL WHITE 6400K **IP65**

## FESTA SMD STELLAR

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Beam angle | Colour body | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **98FESTA100SMD** | C | 100 | 10000 | 5000-5500 | 120° | black | 270 | 151 | 1/1 | A++→A |
| **98FESTA150SMD** | C | 150 | 15000 | 5000-5500 | 120° | black | 320 | 159 | 1/1 | A++→A |
| **98FESTA200SMD** | C | 200 | 20000 | 5000-5500 | 120° | black | 380 | 166 | 1/1 | A++→A |





**Gear box:** Aluminium + Graphene | **Cover:** PC | **Voltage:** 180-265 VAC | **Light source:** Sanan| **Ambient temperature:** -25°C÷ +45°C

~230V | 50/60 Hz | Ra>80 | 25000h | Hg | IP 65 | RoHS COMPLIANT | EMC | CE | 2+1 standard +extended | 3 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



VECA SMD
98VECA150SMD



VECA SMD
98VECA120SMD



VECA SMD
98VECA200SMD
98VECA250SMD



LED COOL WHITE 6400K **IP65**

## VECA SMD, LED CHIP PHILIPS

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Beam angle | Colour body | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **98VECA120SMD** | C | 120 | 12000 | 5500 | 120° | grey | 400 | 120.3 | 1/1 | A++→A |
| **98VECA150SMD** | C | 150 | 15000 | 5500 | 120° | grey | 382 | 60 | 1/1 | A++→A |
| **98VECA200SMD** | C | 200 | 20000 | 5500 | 120° | grey | 460 | 170.3 | 1/1 | A++→A |
| **98VECA250SMD** | C | 250 | 25000 | 5500 | 120° | black | 500 | 180 | 1/1 | A++→A |

**Gear box:** Aluminium | **LED driver:** mounted in the gear box | **Light source:** Philips | **Ambient temperature:** -25°C÷ +55°C

~230V | 50/60 Hz | Ra>80 | 25000h | IP 65 | RoHS | EMC | 5+0 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



MINICOLOR
98MINICOL-BL



MINICOLOR
98MINICOL-WT



MINICOLOR
98MINICOL-GR



MINICOLOR
98MINICOL-R



MINICOLOR
98MINICOL-G



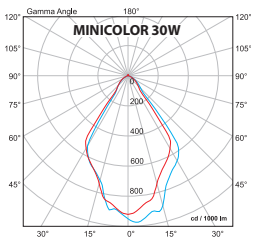
MINICOLOR
98MINICOL-B

LED | COOL WHITE 6400K | **IP20**

UNTIL SUPPLY LAST

## MINICOLOR

| Catalogue number | Product category | Watt (W) | Whole fixture lumens (lm) | Colour temp. (K) | Colour body | Diameter (mm) | Diameter1 (mm) | Height (mm) | Height1 (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **98MINICOL-BL** | F | 30 | 2400 | 5500 | black | 220 | 115 | 280 | 120 | 1/1 | A++→A |
| **98MINICOL-WT** | F | 30 | 2400 | 5500 | white | 220 | 115 | 280 | 120 | 1/1 | A++→A |
| **98MINICOL-GR** | F | 30 | 2400 | 5500 | grey | 220 | 115 | 280 | 120 | 1/1 | A++→A |
| **98MINICOL-R** | F | 30 | 2400 | 5500 | red | 220 | 115 | 280 | 120 | 1/1 | A++→A |
| **98MINICOL-G** | F | 30 | 2400 | 5500 | green | 220 | 115 | 280 | 120 | 1/1 | A++→A |
| **98MINICOL-B** | F | 30 | 2400 | 5500 | blue | 220 | 115 | 280 | 120 | 1/1 | A++→A |




**Reflector:** aluminium | **Gear box:** aluminium casting | **LED driver:** mounted in the gear box | **Light source:** Epistar | **Ambient Temperature:** - 30°C÷ +65°C

~230V | 50/60 Hz | COB | 90° | Ra>80 | 30000h | Hg | IP 20 | RoHS | EMC | F | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY



# LAMPS AND COMPONENTS



VINTAGE LAMP
99LED890S



VINTAGE LAMP
99LED890G



VINTAGE LAMP
99LED104G



LED WARM WHITE 2700K DIMMABLE

## VINTAGE LAMPS

| Catalogue number | Product category | Watt (W) | Lamp holder | LED lamp lumens (lm) | Colour temp. (K) | Material | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **99LED104G** | C | 8 | E27 | 500 | 2000 | Golden glass | 240 | 200 | 1 | A+ |
| **99LED890G** | C | 8 | E27 | 800 | 2800-3200K | Golden glass | 200 | 185 | 1 | A+ |
| **99LED890S** | C | 8 | E27 | 800 | 2800-3200K | Smoked glass | 200 | 185 | 1 | A+ |







~230V | 50/60 Hz | 360° | >15000 | INSTANT 100% | 25000h | Hg | RoHS COMPLIANT | EMC | CE | 3+0 standard +extended 3 YEAR TOTAL WARRANTY

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A60
99LED773D



ST64
99LED769D



C35
99LED772D



LED WARM WHITE 2700K IP20 DIMMABLE

## LED FILAMENT VINTAGE C35 / A60 / ST64

| Catalogue number | Product category | Dimmable | Watt (W) | Socket type | LED lamp lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **99LED772D** | C | yes | 4 | E14 | 360 | 2800-3200K | 360° | 99 | 35 | 1/100 | A+ |
| **99LED773D** | C | yes | 8 | E27 | 720 | 2800-3200K | 360° | 106 | 60 | 1/100 | A+ |
| **99LED769D** | C | yes | 8 | E27 | 720 | 2800-3200K | 360° | 145 | 64 | 1/100 | A+ |

Material: Golden glass

~230V | 50/60 Hz | 360° | >15000 | INSTANT 100% | 25000h | Hg | RoHS COMPLIANT | EMC | CE | 3+0 standard +extended 3 YEAR TOTAL WARRANTY

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G125
99LED771D



G95
99LED770D



G80
99LED975D



LED WARM WHITE 2700K IP20 DIMMABLE

## LED FILAMENT VINTAGE G80 / G95 / G125

| Catalogue number | Product category | Dimmable | Watt (W) | Socket type | LED lamp lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **99LED975D** | C | yes | 8 | E27 | 580 | 2700 | 360° | 120 | 80 | 1/100 | A+ |
| **99LED770D** | C | yes | 8 | E27 | 580 | 2800-3200K | 360° | 135 | 95 | 1/50 | A+ |
| **99LED771D** | C | yes | 8 | E27 | 580 | 2800-3200K | 360° | 165 | 125 | 1/20 | A+ |

Material: Golden glass

~230V | 50/60 Hz | 360° | >15000 | INSTANT 100% | 25000h | Hg | RoHS COMPLIANT | EMC | CE | 3+0 standard +extended 3 YEAR TOTAL WARRANTY

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## VINTAGE LAMP
99LED863G
99LED863S

## VINTAGE LAMP
99LED858G
99LED858S

LED · WARM WHITE 2700K · DIMMABLE

## VINTAGE LAMPS

| Catalogue number | Product category | Watt (W) | Lamp holder | LED lamp lumens (lm) | Colour temp. (K) | Material | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **99LED863G** | C | 8 | E27 | 800 | 2800-3200K | Golden glass | 250 | 125 | 1/1 | A+ |
| **99LED858G** | C | 8 | E27 | 800 | 2800-3200K | Golden glass | 295 | 160 | 1/1 | A+ |
| **99LED863S** | C | 8 | E27 | 800 | 2800-3200K | Smoked glass | 250 | 125 | 1/1 | A+ |
| **99LED858S** | C | 8 | E27 | 800 | 2800-3200K | Smoked glass | 295 | 160 | 1/1 | A+ |







~230V · 50/60 Hz · 360° · >15000 · INSTANT 100% · 25000h · Hg · RoHS COMPLIANT · EMC · CE · 3+0 standard +extended 3 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



VINTAGE LAMP
99LED857G
99LED857S



VINTAGE LAMP
99LED856G
99LED856S

LED WARM WHITE 2700K DIMMABLE

## VINTAGE LAMPS

| Catalogue number | Product category | Watt (W) | Lamp holder | LED lamp lumens (lm) | Colour temp. (K) | Material | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **99LED857G** | C | 8 | E27 | 800 | 2800-3200K | Golden glass | 210 | 110 | 1/1 | A+ |
| **99LED856G** | C | 8 | E27 | 800 | 2800-3200K | Golden glass | 245 | 130 | 1/1 | A+ |
| **99LED857S** | C | 8 | E27 | 800 | 2800-3200K | Smoked glass | 210 | 110 | 1/1 | A+ |
| **99LED856S** | C | 8 | E27 | 800 | 2800-3200K | Smoked glass | 245 | 130 | 1/1 | A+ |







~230V | 50/60 Hz | 360° | >15000 | INSTANT 100% | 25000h | Hg | RoHS COMPLIANT | EMC | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY

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VINTAGE LAMP
99LED888G



VINTAGE LAMP
99LED889G



LED | WARM WHITE 2700K | DIMMABLE

## VINTAGE LAMPS

| Catalogue number | Product category | Watt (W) | Lamp holder | LED lamp lumens (lm) | Colour temp. (K) | Material | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **99LED888G** | C | **8** | E27 | **800** | **2800-3200K** | Golden glass | 390 | 200 | 1/1 | A+ |
| **99LED889G** | C | **8** | E27 | **800** | **2800-3200K** | Golden glass | 400 | 200 | 1/1 | A+ |

~230V | 50/60 Hz | 360° | >15000 | INSTANT 100% | 25000h | Hg | RoHS COMPLIANT | EMC | CE | 3+0 standard +extended 3 YEAR TOTAL WARRANTY

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VINTAGE LAMP
99LED888S



VINTAGE LAMP
99LED889S



LED | WARM WHITE 2700K | DIMMABLE

## VINTAGE LAMPS

| Catalogue number | Product category | Watt (W) | Lamp holder | LED lamp lumens (lm) | Colour temp. (K) | Material | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **99LED888S** | C | **8** | E27 | **800** | **2800-3200K** | Smoked glass | 390 | 200 | 1/1 | A+ |
| **99LED889S** | C | **8** | E27 | **800** | **2800-3200K** | Smoked glass | 400 | 200 | 1/1 | A+ |

~230V | 50/60 Hz | 360° | >15000 | INSTANT 100% | 25000h | Hg | RoHS COMPLIANT | EMC | CE | 3+0 standard +extended 3 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



VINTAGE LAMP
99LED859G
99LED859S



VINTAGE LAMP
99LED860G
99LED860S



LED WARM WHITE 2700K DIMMABLE

## VINTAGE LAMPS

| Catalogue number | Product category | Watt (W) | Lamp holder | LED lamp lumens (lm) | Colour temp. (K) | Material | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **99LED859G** | C | 8 | E27 | 800 | 2800-3200K | Golden glass | 310 | 185 | 1/1 | A+ |
| **99LED860G** | C | 8 | E27 | 800 | 2800-3200K | Golden glass | 280 | 120 | 1/1 | A+ |
| **99LED859S** | C | 8 | E27 | 800 | 2800-3200K | Smoked glass | 310 | 185 | 1/1 | A+ |
| **99LED860S** | C | 8 | E27 | 800 | 2800-3200K | Smoked glass | 280 | 120 | 1/1 | A+ |







~230V | 50/60 Hz | 360° | >15000 | INSTANT 100% | 25000h | Hg | RoHS COMPLIANT | EMC | CE | 3+0 standard +extended 3 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



VINTAGE LAMP
99LED861G
99LED861S



VINTAGE LAMP
99LED862G
99LED862S

LED | WARM WHITE 2700K | DIMMABLE

## VINTAGE LAMPS

| Catalogue number | Product category | Watt (W) | Lamp holder | LED lamp lumens (lm) | Colour temp. (K) | Material | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **99LED861G** | C | 8 | E27 | 800 | 2800-3200K | Golden glass | 255 | 150 | 1/1 | A+ |
| **99LED862G** | C | 8 | E27 | 800 | 2800-3200K | Golden glass | 305 | 200 | 1/1 | A+ |
| **99LED861S** | C | 8 | E27 | 800 | 2800-3200K | Smoked glass | 255 | 150 | 1/1 | A+ |
| **99LED862S** | C | 8 | E27 | 800 | 2800-3200K | Smoked glass | 305 | 200 | 1/1 | A+ |







~230V | 50/60 Hz | 360° | >15000 | INSTANT 100% | 25000h | Hg | RoHS COMPLIANT | EMC | CE | 3+0 standard +extended 3 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



VINTAGE LAMP
99LED100G



VINTAGE LAMP
99LED101G



VINTAGE LAMP
99LED979G



LED | WARM WHITE 2700K | DIMMABLE

## VINTAGE LAMPS

| Catalogue number | Product category | Watt (W) | Lamp holder | LED lamp lumens (lm) | Colour temp. (K) | Material | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **99LED100G** | C | **4** | E27 | **250** | **2000** | Golden glass | 265 | 220 | 1 | A+ |
| **99LED101G** | C | **8** | E27 | **500** | **2000** | Golden glass | 300 | 200 | 1 | A+ |
| **99LED979G** | C | **4** | E27 | **270** | **2200** | Golden glass | 330 | 120 | 1/15 | A+ |

~230V | 50/60 Hz | 360° | >15000 | INSTANT 100% | 25000h | Hg | RoHS COMPLIANT | EMC | CE | 3+0 standard +extended 3 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



VINTAGE LAMP
99LED100S



VINTAGE LAMP
99LED101S



LED | WARM WHITE 2700K | DIMMABLE

## VINTAGE LAMPS

| Catalogue number | Product category | Watt (W) | Lamp holder | LED lamp lumens (lm) | Colour temp. (K) | Material | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **99LED100S** | C | **4** | E27 | **150** | **2000** | Smoked glass | 265 | 220 | 1 | A+ |
| **99LED101S** | C | **8** | E27 | **300** | **2000** | Smoked glass | 300 | 200 | 1 | A+ |

~230V | 50/60 Hz | 360° | >15000 | INSTANT 100% | 25000h | Hg | RoHS COMPLIANT | EMC | CE | 3+0 standard +extended 3 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



VINTAGE LAMP
99LED102S



VINTAGE LAMP
99LED103S



LED WARM WHITE 2700K DIMMABLE

## VINTAGE LAMPS

| Catalogue number | Product category | Watt (W) | Lamp holder | LED lamp lumens (lm) | Colour temp. (K) | Material | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **99LED102S** | C | **8** | E27 | **300** | **2000** | Smoked glass | 250 | 180 | 1 | A+ |
| **99LED103S** | C | **8** | E27 | **300** | **2000** | Smoked glass | 295 | 180 | 1 | A+ |

~230V | 50/60 Hz | 360° | >15000 | INSTANT 100% | 25000h | Hg | RoHS COMPLIANT | EMC | CE | 3+0 standard +extended 3 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



99782



99783



99787



IP20 DIMMABLE

UNTIL SUPPLY LAST

## VINTAGE LAMPS

| Catalogue number | Product category | Watt (W) | Socket type | Lamp lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **99782** | F | 60 | E27 | 250 | 2200-2700 | 360° | 115 | 60 | 1/100 | D |
| **99783** | F | 60 | E27 | 250 | 2200-2700 | 360° | 115 | 60 | 1/100 | D |
| **99787** | F | **40** | E14 | **210** | **2700** | 360° | 98 | 35 | 1/100 | D |

Material brass+ golden glass

~230V | 50/60 Hz | 360° | 3000h | Hg | EMC | CE | SPECIAL purpose lamp | 3 MONTHS WARRANTY



## LED GLOBE P45 FILAMENT
99LED664D



## LED GLOBE G45 FILAMENT
99LED665D



## LED CANDLE C35 FILAMENT
99LED662D



## LED A60 FILAMENT
99LED663



LED | WARM WHITE 2700K | IP20 | DIMMABLE

## LED FILAMENT

| Catalogue number | Product category | Dimmable | Watt (W) | Lamp holder | LED lamp lumens (lm) | Colour temp. (K) | Beam angle | Colour body | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **99LED662D** | C | yes | 4 | E14 | 400 | 2700 | 360° | mat | 100 | 35 | 1/100 | A+ |
| **99LED664D** | C | yes | 4 | E14 | 400 | 2700 | 360° | mat | 76 | 45 | 1/100 | A+ |
| **99LED665D** | C | yes | 4 | E27 | 400 | 2700 | 360° | mat | 72 | 45 | 1/100 | A+ |
| **99LED660** | C | no | 4 | E27 | 400 | 2700 | 360° | mat | 104 | 60 | 1/100 | A+ |

~230V | 50/60 Hz | 360° | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | RoHS COMPLIANT | EMC | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LED CANDLE C37
99LED914
99LED915




LED FLAME
99LED753
99LED754
99LED820




LED CANDLE C37
99LED916
99LED917
99LED917CW




LED CANDLE C37
DIMMABLE
99LED855

LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | IP20 | DIMMABLE

## LED CANDLE C37 / LED FLAME

| Catalogue number | Product category | Dimmable | Watt (W) | Lamp holder | LED lamp lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **99LED855** | C | Yes | 5 | E14 | 500 | 3000 | 180° | 100 | 37 | 1/100 | A+ |
| **99LED914** | C | - | 8 | E27 | 800 | 4000 | 180° | 110 | 37 | 1/100 | A+ |
| **99LED915** | C | - | 8 | E27 | 800 | 2700 | 180° | 110 | 37 | 1/100 | A+ |
| **99LED916** | C | - | 8 | E14 | 800 | 4000 | 180° | 110 | 37 | 1/100 | A+ |
| **99LED917** | C | - | 8 | E14 | 800 | 2700 | 180° | 110 | 37 | 1/100 | A+ |
| **99LED917CW** | C | - | 8 | E14 | 800 | 6400 | 180° | 110 | 37 | 1/100 | A+ |
| **99LED753** | C | - | 6 | E14 | 500 | 4000 | 220° | 100 | 37 | 1/100 | A+ |
| **99LED754** | C | - | 6 | E14 | 500 | 2700 | 220° | 100 | 37 | 1/100 | A+ |
| **99LED820** | C | - | 6 | E14 | 500 | 6400 | 220° | 100 | 37 | 1/100 | A+ |

~230V | 50/60 Hz | SMD 2835 | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | RoHS COMPLIANT | EMC | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



LED GLOBE P45
99LED912
99LED913
99LED925




LED GLOBE P45
99LED746
99LED747
99LED800




LED GLOBE G45
99LED910
99LED911
99LED911CW




LED GLOBE G45
99LED744
99LED745
99LED801



LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | IP20

## LED GLOBE P45 / GLOBE G45

| Catalogue number | Product category | Watt (W) | Lamp holder | LED lamp lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **99LED746** | C | 6 | E14 | 540 | 4000 | 240° | 80 | 45 | 1/100 | A+ |
| **99LED747** | C | 6 | E14 | 540 | 2700 | 240° | 80 | 45 | 1/100 | A+ |
| **99LED800** | C | 6 | E14 | 540 | 6400 | 240° | 80 | 45 | 1/100 | A+ |
| **99LED744** | C | 6 | E27 | 540 | 4000 | 240° | 80 | 45 | 1/100 | A+ |
| **99LED745** | C | 6 | E27 | 540 | 2700 | 240° | 80 | 45 | 1/100 | A+ |
| **99LED801** | C | 6 | E27 | 540 | 6400 | 240° | 80 | 45 | 1/100 | A+ |
| **99LED910** | C | 8 | E27 | 800 | 4000 | 180° | 80 | 45 | 1/100 | A+ |
| **99LED911** | C | 8 | E27 | 800 | 2700 | 180° | 80 | 45 | 1/100 | A+ |
| **99LED911CW** | C | 8 | E27 | 800 | 6400 | 180° | 80 | 45 | 1/100 | A+ |
| **99LED912** | C | 8 | E14 | 800 | 4000 | 180° | 80 | 45 | 1/100 | A+ |
| **99LED913** | C | 8 | E14 | 800 | 2700 | 180° | 80 | 45 | 1/100 | A+ |
| **99LED925** | C | 8 | E14 | 800 | 6400 | 180° | 80 | 45 | 1/100 | A+ |

~230V | 50/60 Hz | SMD 2835 | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | RoHS COMPLIANT | EMC | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



DIMMABLE LED CORN BULBS
99LED976



DIMMABLE LED CORN BULBS
99LED977WW
99LED977CW



DIMMABLE LED CORN BULBS
99LED978WW
99LED978CW



LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | IP20 | DIMMABLE

## DIMMABLE LED CORN BULBS

| Catalogue number | Product category | Watt (W) | Lamp holder | LED lamp lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **99LED976** | C | 7 | E14 | 420 | 4000 | 360° | 65 | 16 | 1/100 | A+ |
| **99LED977WW** | C | 6 | E14 | 500 | 3000 | 360° | 98 | 35 | 1/100 | A+ |
| **99LED977CW** | C | 6 | E14 | 500 | 5500 | 360° | 98 | 35 | 1/100 | A+ |
| **99LED978WW** | C | 6 | E27 | 500 | 3000 | 360° | 98 | 35 | 1/100 | A+ |
| **99LED978CW** | C | 6 | E27 | 500 | 5500 | 360° | 98 | 35 | 1/100 | A+ |

~230V | 50/60 Hz | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | RoHS COMPLIANT | EMC | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LED PEAR A60 STELLAR
99XLED584
99XLED583



LED PEAR A60 STELLAR
99XLED795
99XLED586
99XLED585



LED PEAR A60 STELLAR
99LED742
99LED743



LED PEAR A60 STELLAR
99XLED588
99XLED587

LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | IP20

## LED PEAR STELLAR

| Catalogue number | Product category | Watt (W) | LED lamp lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **99XLED584** | F | 8* | 580 | 4000 | 240° | 110 | 60 | 1/100 | A+ |
| **99XLED583** | F | 8* | 580 | 2700 | 240° | 110 | 60 | 1/100 | A+ |
| **99XLED795** | C | 10 | 720 | 6400 | 240° | 110 | 60 | 1/100 | A+ |
| **99XLED586** | C | 10 | 720 | 4000 | 240° | 110 | 60 | 1/100 | A+ |
| **99XLED585** | C | 10 | 720 | 2700 | 240° | 110 | 60 | 1/100 | A+ |
| **99XLED821** | C | 12 | 860 | 6400 | 240° | 110 | 60 | 1/100 | A+ |
| **99XLED588** | C | 12 | 860 | 4000 | 240° | 110 | 60 | 1/100 | A+ |
| **99XLED587** | C | 12 | 860 | 2700 | 240° | 110 | 60 | 1/100 | A+ |
| **99LED742** | C | 15 | 1080 | 4000 | 240° | 110 | 60 | 1/100 | A+ |
| **99LED743** | C | 15 | 1080 | 2700 | 240° | 110 | 60 | 1/100 | A+ |

*Until supplay last

~230V | 50/60 Hz | SMD 2835 | E27 | 240° | Ra≥80 | >20000 | INSTANT 100% | 15000h | Hg | RoHS COMPLIANT | EMC | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LED PEAR A60
99LED794
99LED584
99LED583




LED PEAR A60
99LED795
99LED586
99LED585



LED PEAR A60
+ RADAR SENSOR
99LED852



LED PEAR DIMMABLE
99LED425
99LED426

LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | IP20

## LED PEAR

| Catalogue number | Product category | Dimmable | Watt (W) | LED lamp lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **99LED794** | F | - | 8* | 720 | 6400 | 240° | 110 | 60 | 1/100 | A+ |
| **99LED584** | F | - | 8* | 720 | 4000 | 240° | 110 | 60 | 1/100 | A+ |
| **99LED583** | F | - | 8* | 720 | 2700 | 240° | 110 | 60 | 1/100 | A+ |
| **99LED795** | C | - | 10 | 900 | 6400 | 240° | 110 | 60 | 1/100 | A+ |
| **99LED586** | C | - | 10 | 900 | 4000 | 240° | 110 | 60 | 1/100 | A+ |
| **99LED585** | C | - | 10 | 900 | 2700 | 240° | 110 | 60 | 1/100 | A+ |
| **99LED852** | C | - | 10 | 900 | 4000 | 240° | 110 | 60 | 1/100 | A+ |
| **99LED425** | F | Yes | 10* | 800 | 4000 | 240° | 114 | 60 | 1/100 | A+ |
| **99LED426** | F | Yes | 10* | 800 | 2700 | 240° | 114 | 60 | 1/100 | A+ |

*Until supplay last

~230V | 50/60 Hz | SMD 2835 | E27 | Ra≥80 | >25000 | INSTANT 100% | 25000h | Hg | RoHS COMPLIANT | EMC | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



LED PEAR A60
99LED818
99LED819
99LED797



LED PEAR A65
99LED850WW
99LED850W
99LED850CW



LED PEAR A80
99LED908
99LED909
99LED909CW
99LED722



LED PEAR A60
99LED588
99LED587
99LED821



LED PEAR A60 DIMMABLE
99LED582
99LED581

LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | IP20 | DIMMABLE

## LED PEAR

| Catalogue number | Product category | Dimmable | Watt (W) | LED lamp lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **99LED588** | C | - | 12 | 1080 | 4000 | 240° | 127 | 60 | 1/100 | A+ |
| **99LED587** | C | - | 12 | 1080 | 2700 | 240° | 127 | 60 | 1/100 | A+ |
| **99LED821** | C | - | 12 | 1080 | 6400 | 240° | 127 | 60 | 1/100 | A+ |
| **99LED582** | C | Yes | 12 | 1080 | 4000 | 180° | 127 | 60 | 1/60 | A+ |
| **99LED581** | C | Yes | 12 | 1080 | 2700 | 180° | 127 | 60 | 1/60 | A+ |
| **99LED818** | C | | 15 | 1500 | 4000 | 180° | 115 | 60 | 1/100 | A+ |
| **99LED819** | C | | 15 | 1500 | 2700 | 180° | 115 | 60 | 1/100 | A+ |
| **99LED797** | C | | 15 | 1500 | 6400 | 180° | 115 | 60 | 1/100 | A+ |
| **99LED722** | F | | 15* | 1200 | 2700 | 160° | 153 | 80 | 1/100 | A+ |
| **99LED850WW** | C | - | 18 | 1700 | 2700 | 180° | 133 | 65 | 1/100 | A+ |
| **99LED850W** | C | - | 18 | 1700 | 4000 | 180° | 133 | 65 | 1/100 | A+ |
| **99LED850CW** | C | - | 18 | 1700 | 6400 | 180° | 133 | 65 | 1/100 | A+ |
| **99LED908** | C | - | 20 | 1800 | 4000 | 180° | 153 | 80 | 1/50 | A+ |
| **99LED909** | C | - | 20 | 1800 | 2700 | 180° | 153 | 80 | 1/50 | A+ |
| **99LED909CW** | C | - | 20 | 1800 | 6400 | 180° | 153 | 80 | 1/50 | A+ |

*Until supplay last -3 year standard+0 year extended warranty

~230V | 50/60 Hz | SMD 2835 | E27 | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | RoHS COMPLIANT | EMC | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



MOSQUITO LED 8W IP20
99LED8M



MOSQUITO LED 6W IP20
99LED6KM



LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | IP20 | DIMMABLE

## MOSQUITO LED PEAR IP20

| Catalogue number | Product category | Type | Watt (W) | LED lamp lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **99LED8M** | C | Mosquito repellent | 8 | 780 | 3500 | 180° | 105 | 60 | 1/50 | A+ |
| **99LED6KM** | C | Mosquito killer | 6 | 400 | 4000 | 200° | 113 | 60 | 1/50 | A+ |



**MOSQUITO LED PEAR:** No smell | No noise | No flicker | No UV | Frendly to eyes | Produced with a large amount of light (530-580nm), that repel mosquitoes, thus to achieve the special repellet effect.

~230V | 50/60 Hz | SMD 2835 | E27 | >20000 | INSTANT 100% | 25000h | Hg | RoHS COMPLIANT | EMC | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LED GLOBE G95
99LED694
99LED695



LED GLOBE G120
99LED748
99LED749



LED FLAME
99LED851



LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | IP20

## LED GLOBE / LED FLAME

| Catalogue number | Product category | Watt (W) | LED lamp lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **99LED694** | C | 15 | 1350 | 4000 | 240° | 130 | 95 | 1/20 | A+ |
| **99LED695** | C | 15 | 1350 | 2700 | 240° | 130 | 95 | 1/20 | A+ |
| **99LED748** | C | 20 | 1650 | 4000 | 240° | 157 | 120 | 1/20 | A+ |
| **99LED749** | C | 20 | 1650 | 2700 | 240° | 157 | 120 | 1/20 | A+ |
| **99LED851** | C | 1.5-5 | 200 | 1500-1800 | 360° | 138 | 65 | 1/100 | A+ |



LED Flame effect
99LED851

~230V | 50/60 Hz | SMD 2835 | E27 | 240° | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | RoHS COMPLIANT | EMC | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



LED STICKS
99LED902
99LED903
99LED903CW
99LED900
99LED901
99LED901CW




LED R50
99LED439
99LED440
99LED827W
99LED827CW



LED SMD E27
99LED736
99LED736CW
99LED737
99LED737CW
99LED812
99LED812CW

LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | **IP20**

## LED SMD E27 / LED STICK / LED R50 / LED R80

| Catalogue number | Product category | Type | Watt (W) | Lamp holder | LED lamp lumens (lm) | Beam angle | Colour temp. (K) | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **99LED736** | C | LED SMD | 30 | E27 | 2700 | 150° | 4000 | 190 | 100 | 1/20 | A+ |
| **99LED736CW** | C | LED SMD | 30 | E27 | 2700 | 150° | 6000 | 190 | 100 | 1/20 | A+ |
| **99LED737** | C | LED SMD | 40 | E27 | 3600 | 150° | 4000 | 220 | 120 | 1/20 | A+ |
| **99LED737CW** | C | LED SMD | 40 | E27 | 3600 | 150° | 6000 | 220 | 120 | 1/20 | A+ |
| **99LED812** | C | LED SMD | 50 | E27 | 4500 | 150° | 4000 | 255 | 140 | 1/20 | A+ |
| **99LED812CW** | C | LED SMD | 50 | E27 | 4500 | 150° | 6000 | 255 | 140 | 1/20 | A+ |
| **99LED902** | C | LED STICKS | 9 | E27 | 720 | 180° | 4000 | 122 | 37 | 1/100 | A+ |
| **99LED903** | C | LED STICKS | 9 | E27 | 720 | 180° | 2700 | 122 | 37 | 1/100 | A+ |
| **99LED903CW** | C | LED STICKS | 9 | E27 | 720 | 180° | 6400 | 122 | 37 | 1/100 | A+ |
| **99LED900** | C | LED STICKS | 15 | E27 | 1350 | 180° | 4000 | 140 | 45 | 1/100 | A+ |
| **99LED901** | C | LED STICKS | 15 | E27 | 1350 | 180° | 2700 | 140 | 45 | 1/100 | A+ |
| **99LED901CW** | C | LED STICKS | 15 | E27 | 1350 | 180° | 6400 | 140 | 45 | 1/100 | A+ |
| **99LED439** | C | LED R50 | 5,5 | E14 | 500 | 180° | 4000 | 85 | 50 | 1/100 | A+ |
| **99LED440** | C | LED R50 | 5,5 | E14 | 500 | 180° | 2700 | 85 | 50 | 1/120 | A+ |
| **99LED827W** | C | LED R80 | 11 | E27 | 950 | 180° | 4000 | 112 | 80 | 1/100 | A+ |
| **99LED827CW** | C | LED R80 | 11 | E27 | 950 | 180° | 6400 | 112 | 80 | 1/100 | A+ |

~230V | 50/60 Hz | SMD 2835 | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | RoHS COMPLIANT | EMC | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



HIGH POWER LED LAMP
99LED854
99LED854CW



HIGH POWER LED LAMP
99LED853
99LED853CW



LED NEUTRAL WHITE 4000K COOL WHITE 6400K **IP20**

## HIGH POWER LED LAMP

| Catalogue number | Product category | Watt (W) | Lamp holder | LED lamp lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **99LED853** | C | 40 | E27 | 3600 | 4000 | 330° | 235 | 87 | 1/30 | A+ |
| **99LED853CW** | C | 40 | E27 | 3600 | 6500 | 330° | 235 | 87 | 1/30 | A+ |
| **99LED854** | C | 60 | E27 | 5400 | 4000 | 330° | 274 | 98 | 1/20 | A+ |
| **99LED854CW** | C | 60 | E27 | 5400 | 6500 | 330° | 274 | 98 | 1/20 | A+ |

**Material:** Thermal conductive plastic and aluminium & PC milky white cover

~230V | 50/60 Hz | SMD 2835 | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | RoHS COMPLIANT | EMC | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LED FLYING SAUCER U95
99LED906



LED FLYING SAUCER U95
99LED776



LED FLYING SAUCER U95
99LED778



LED FLYING SAUCER U95
99LED780



LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | IP20

UNTIL SUPPLY LAST

## LED FLYING SAUCER U95

| Catalogue number | Product category | Watt (W) | LED lamp lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **99LED776** | F | 18 | 1620 | 3000 | 120° | 81 | 150 | 1/50 | A+ |
| **99LED778** | F | 24 | 2160 | 3000 | 120° | 81 | 150 | 1/50 | A+ |
| **99LED780** | F | 32 | 2880 | 3000 | 120° | 81 | 235 | 1/30 | A+ |
| **99LED906** | F | 50 | 4500 | 3000 | 180° | 100 | 160 | 1/12 | A+ |

~230V | 50/60 Hz | SMD 5730 | 120° | E27 | Ra≥80 | >25000 | INSTANT 100% | 30000h | Hg | RoHS COMPLIANT | EMC | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY



99LED766
99LED791
99LED766T



99LED767
99LED792
99LED767T



99LED768
99LED793



LED WARM WHITE 2700K NEUTRAL WHITE 4000K **IP20**

## LED MOULD FOR CELLING LAMP

| Catalogue number | Product category | Rated voltage | Watt (W) | LED lamp lumens (lm) | Colour temp. (K) | Beam angle | Diameter (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **99LED766** | C | 230V AC | 9W | 900 | 4000K | 120° | 160 | 27 | 1/40 | A+ |
| **99LED791** | C | 230V AC | 9W | 900 | 2700K | 120° | 160 | 25 | 1/40 | A+ |
| **99LED766T** | C | 12V DC | 9W | 900 | 4000K | 120° | 160 | 27 | 1/40 | A+ |
| **99LED767** | C | 230V AC | 18W | 1800 | 4000K | 120° | 220 | 25 | 1/40 | A+ |
| **99LED792** | C | 230V AC | 18W | 1800 | 2700K | 120° | 220 | 27 | 1/40 | A+ |
| **99LED767T** | C | 12V DC | 18W | 1800 | 4000K | 120° | 220 | 25 | 1/40 | A+ |
| **99LED768** | C | 230V AC | 22W | 2200 | 4000K | 120° | 270 | 25 | 1/40 | A+ |
| **99LED793** | C | 230V AC | 22W | 2200 | 2700K | 120° | 270 | 25 | 1/40 | A+ |

**Body:** epoxy board+PC

50/60 Hz · Ra≥80 · SMD 5730 · IP 20 · 120° · >20000 · INSTANT 100% · 30000h · Hg · RoHS COMPLIANT · EMC · CE · 3+0 standard +extended · 3 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LED COLOR
99LED825



LED COLOR
99LED826



LED COLOR
99LED822



LED COLOR
99LED823



LED COLOR
99LED824

IP20

## LED COLOR

| Catalogue number | Product category | Watt (W) | Colour of light | Beam angle | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **99LED825** | C | 3 | red | 360° | 84 | 60 | 1/200 | A+ |
| **99LED826** | C | 3 | yellow | 360° | 84 | 60 | 1/200 | A+ |
| **99LED822** | C | 3 | blue | 360° | 84 | 60 | 1/200 | A+ |
| **99LED823** | C | 3 | green | 360° | 84 | 60 | 1/200 | A+ |
| **99LED824** | C | 3 | white | 360° | 84 | 60 | 1/200 | A+ |

~230V | 50/60 Hz | SMD 2835 | E27 | INSTANT 100% | 20000h | RoHS COMPLIANT | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



PAR30 IP65
99LED932WW
99LED932W
99LED932CW



PAR30
99LED774
99LED931



PAR30
99LED936W
99LED936WW
99LED936CW



LEDT25
99LED445
99LED446



LED AR111 DIMMABLE
99LED904
99LED905

LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | IP20 | IP65 | DIMMABLE

## PAR30 / LED AR111 / LEDT25

| Catalogue number | Product category | Dimmable | Watt (W) | Lamp holder | LED type | LED lamp lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Diameter/Width (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **99LED931** | F | | 12* | E27 | SMD 2835 | 1080 | 6400 | 38° | 93 | 95 | 1/20 | A+ |
| **99LED936W** | C | | 15 | E27 | SMD 2835 | 1350 | 4000 | 38° | 93 | 95 | 1/50 | A+ |
| **99LED936WW** | C | | 15 | E27 | SMD 2835 | 1350 | 2700 | 38° | 93 | 95 | 1/50 | A+ |
| **99LED936CW** | C | | 15 | E27 | SMD 2835 | 1350 | 6500 | 38° | 93 | 95 | 1/50 | A+ |
| **99LED932CW** | C | | 15 | E27 | SMD 2835 | 1275 | 6400 | 90° | 93 | 95 | 1/50 | A+ |
| **99LED932W** | C | | 15 | E27 | SMD 2835 | 1275 | 4000 | 90° | 93 | 95 | 1/50 | A+ |
| **99LED932WW** | C | | 15 | E27 | SMD 2835 | 1275 | 2700 | 90° | 93 | 95 | 1/50 | A+ |
| **99LED904** | C | yes | 11 | G53 | high power | 990 | 4000 | 36° | 58 | 111 | 1/100 | A+ |
| **99LED905** | C | yes | 11 | G53 | high power | 990 | 2700 | 36° | 58 | 111 | 1/100 | A+ |
| **99LED445** | C | | 1 | E14 | SMD 2835 | 90 | 4000 | 180° | 63 | 25 | 1/500 | A+ |
| **99LED446** | C | | 1 | E14 | SMD 2835 | 90 | 2700 | 180° | 63 | 25 | 1/500 | A+ |

* Until Supply Last

~230V | 50/60 Hz | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | RoHS COMPLIANT | EMC | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



LED7 HIGH POWER PAR16
99LED524
99LED525



LED7 HIGH POWER PAR16
99LED526
99LED527



LEDCOB
99LED376



LEDCOB
99LED378
99LED379
99LED380
99LED381

LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | IP20

UNTIL SUPPLY LAST

## LED7 HIGH POWER / LEDCOB

| Catalogue number | Product category | Watt (W) | Voltage | Lamp holder | LED lamp lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **99LED524** | F | 6 | ~230V | E14 | 480 | 4000 | 36° | 74 | 50 | 1/100 | A+ |
| **99LED525** | F | 6 | ~230V | E14 | 480 | 2700 | 36° | 74 | 50 | 1/100 | A+ |
| **99LED526** | F | 6 | ~230V | E27 | 480 | 4000 | 36° | 64 | 50 | 1/100 | A+ |
| **99LED527** | F | 6 | ~230V | E27 | 480 | 2700 | 36° | 64 | 50 | 1/100 | A+ |
| **99LED376** | F | 5 | ~230V | GU10 | 350 | 4000 | 120° | 85 | 50 | 1/100 | A+ |
| **99LED378** | F | 5 | ~230V | E14 | 350 | 4000 | 120° | 85 | 50 | 1/100 | A+ |
| **99LED379** | F | 5 | ~230V | E27 | 350 | 2700 | 120° | 85 | 50 | 1/100 | A+ |
| **99LED380** | F | 5 | ~230V | E14 | 350 | 4000 | 120° | 85 | 50 | 1/100 | A+ |
| **99LED381** | F | 5 | ~230V | E27 | 350 | 2700 | 120° | 85 | 50 | 1/100 | A+ |

50/60 Hz | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | RoHS COMPLIANT | EMC | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY



## STELLAR LEDSMD GU10

99XLED727
99XLED728
99XLED729
99XLED730
99XLED796
99XLED731



LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | IP20

### LEDSMD

| Catalogue number | Product category | Watt (W) | Lamp holder | LED lamp lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **99XLED727** | C | 3.5 | GU10 | 250 | 4000 | 120° | 53 | 50 | 1/100 | A+ |
| **99XLED728** | C | 3.5 | GU10 | 250 | 2700 | 120° | 53 | 50 | 1/100 | A+ |
| **99XLED731** | C | 3.5 | GU10 | 250 | 6400 | 120° | 53 | 50 | 1/100 | A+ |
| **99XLED729** | C | 7 | GU10 | 500 | 4000 | 120° | 53 | 50 | 1/100 | A+ |
| **99XLED730** | C | 7 | GU10 | 500 | 2700 | 120° | 53 | 50 | 1/100 | A+ |
| **99XLED796** | C | 7 | GU10 | 500 | 6400 | 120° | 53 | 50 | 1/100 | A+ |

~230V | 50/60 Hz | Ra≥80 | >20000 | INSTANT 100% | 30000h | RoHS COMPLIANT | EMC | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



LEDSMD GU10
99LED725



LEDSMD GU10
99LED727
99LED728
99LED796
99LED729
99LED730
99LED733
99LED734
99LED735



LEDSMD GU10 DIMMABLE
99LED731
99LED732



LEDSMD GU5.3 12V
99LED880
99LED880WW

LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | IP20 | DIMMABLE

## LEDSMD / LEDSMD DIMMABLE

| Catalogue number | Product category | Dimmable | Voltage (V) | Watt (W) | Lamp holder | LED lamp lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **99LED725** | F | - | 230 V | 6 | GU10* | 540 | 4000 | 40° | 53 | 50 | 1/100 | A+ |
| **99LED727** | C | - | 230 V | 3 | GU10 | 270 | 4000 | 120° | 53 | 50 | 1/100 | A+ |
| **99LED728** | C | - | 230 V | 3 | GU10 | 270 | 2700 | 120° | 53 | 50 | 1/100 | A+ |
| **99LED796** | C | - | 230 V | 6.5 | GU10 | 585 | 6400 | 120° | 53 | 50 | 1/100 | A+ |
| **99LED729** | C | - | 230 V | 6.5 | GU10 | 585 | 4000 | 120° | 53 | 50 | 1/100 | A+ |
| **99LED730** | C | - | 230 V | 6.5 | GU10 | 585 | 2700 | 120° | 53 | 50 | 1/100 | A+ |
| **99LED733** | C | - | 230 V | 6 | GU10 | - | red | 120° | 53 | 50 | 1/100 | A+ |
| **99LED734** | C | - | 230 V | 6 | GU10 | - | blue | 120° | 53 | 50 | 1/100 | A+ |
| **99LED735** | C | - | 230 V | 6 | GU10 | - | green | 120° | 53 | 50 | 1/100 | A+ |
| **99LED731** | C | Yes | 230 V | 6.5 | GU10 | 585 | 4000 | 120° | 53 | 50 | 1/100 | A+ |
| **99LED732** | C | Yes | 230 V | 6.5 | GU10 | 585 | 2700 | 120° | 53 | 50 | 1/100 | A+ |
| **99LED880** | C | - | 12V | 6 | GU5.3 | 480 | 4000 | 120° | 54 | 50 | 1/100 | A+ |
| **99LED880WW** | C | - | 12V | 6 | GU5.3 | 480 | 2700 | 120° | 54 | 50 | 1/100 | A+ |

* Until Supply Last

~230V | 50/60 Hz | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | RoHS COMPLIANT | EMC | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LEDSMD PAR16
99LED606
99LED605



LEDSMD PAR16
99LED608
99LED607



LED48SMD
99LED365



LED48SMD
99LED363



LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | IP20

UNTIL SUPPLY LAST

## LEDSMD

| Catalogue number | Product category | Voltage (V) | Watt (W) | Lamp holder | LED lamp lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **99LED606** | F | 230 | 3 | E14 | 240 | 4000 | 120° | 75 | 50 | 1/100 | A+ |
| **99LED605** | F | 230 | 3 | E14 | 240 | 2700 | 120° | 75 | 50 | 1/100 | A+ |
| **99LED608** | F | 230 | 3 | E27 | 240 | 4000 | 120° | 75 | 50 | 1/100 | A+ |
| **99LED607** | F | 230 | 3 | E27 | 240 | 2700 | 120° | 75 | 50 | 1/100 | A+ |
| **99LED363** | F | 230 | 3,5 | E14 | 250 | 2700 | 120° | 76 | 50 | 1/100 | A |
| **99LED365** | F | 230 | 3,5 | E27 | 250 | 2700 | 120° | 76 | 50 | 1/100 | A |

50/60 Hz | SMD 2835 | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | RoHS COMPLIANT | EMC | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY




LED60SMD
99LED414




LEDCOB
99LED374
99LED375
99LED562
99LED563




LED3X2 230VAC
99LED296




LED3X2 230VAC
99LED297



LED3X2 230VAC
99LED300

LED WARM WHITE 2700K COOL WHITE 6400K **IP20**

UNTIL SUPPLY LAST

## LED60SMD / LED3X2 / LEDCOB

| Catalogue number | Product category | Watt (W) | Lamp holder | LED lamp lumens (lm) | Voltage (V) | Colour temp. (K) | Beam angle | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **99LED414** | F | 3 | E27 | 250 | 230 | 2700-3000 | 120° | 76 | 50 | 1/100 | A+ |
| **99LED296** | F | 6 | E14 | 420 | 230 | 2700-3000 | 60° | 65 | 50 | 1/100 | A |
| **99LED297** | F | 6 | E27 | 420 | 230 | 6000-6400 | 60° | 72 | 50 | 1/100 | A |
| **99LED300** | F | 6 | GU10 | 360 | 230 | 2700-3000 | 60° | 85 | 50 | 1/100 | A |
| **99LED374** | F | 5 | GU5.3 | 350 | 12 | 4000-4300 | 120° | 75 | 50 | 1/100 | A |
| **99LED375** | F | 5 | GU5.3 | 350 | 12 | 2700-3000 | 120° | 75 | 50 | 1/100 | A |
| **99LED562** | F | 7 | GU5.3 | 400 | 12 | 4000-4300 | 120° | 75 | 50 | 1/100 | A |
| **99LED563** | F | 5 | GU5.3 | 400 | 12 | 4000-4300 | 120° | 75 | 50 | 1/100 | A |

50/60 Hz · Ra≥80 · >20000 · INSTANT 100% · 30000h · Hg · RoHS COMPLIANT · EMC · CE · 2+0 standard +extended · 2 YEAR TOTAL WARRANTY



LEDG4
99LED813
99LED814



LEDG9
99LED815
99LED816
99LED817



LEDG9
99LED933
99LED933W
99LED933CW



LED DECORATIVE CANDLE
99CANDLE



CABINET HINGE LED LIGHT
9HINGE2

LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | IP20

## LEDG4 / LEDG9 / CABINET HINGE LED LIGHT / LED DECORATIVE CANDLE WITH REMOTE

| Catalogue number | Product category | Description | Lamp holder | Watt (W) | LED lamp lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **99LED813** | C | LED G4-12V | G4 | 1,2 | 100 | 3000 | 300° | 38 | 12 | 1/500 | A |
| **99LED814** | F | LED G4-12V* | G4 | 1,2 | 100 | 4000 | 300° | 38 | 12 | 1/500 | A |
| **99LED815** | C | LED G9-230V | G9 | 4 | 350 | 3000 | 300° | 51 | 15 | 1/500 | A |
| **99LED816** | C | LED G9-230V | G9 | 4 | 350 | 4000 | 300° | 51 | 15 | 1/500 | A |
| **99LED817** | C | LED G9-230V | G9 | 4 | 350 | 6500 | 300° | 51 | 15 | 1/500 | A |
| **99LED933** | C | LED G9-230V | G9 | 7 | 630 | 3000 | 300° | 65 | 19 | 1/500 | A |
| **99LED933W** | C | LED G9-230V | G9 | 7 | 630 | 4000 | 300° | 65 | 19 | 1/500 | A |
| **99LED933CW** | C | LED G9-230V | G9 | 7 | 630 | 6400 | 300° | 65 | 19 | 1/500 | A |
| **9HINGE2** | C | CABINET HINGE LED LIGHT | - | 2 | - | - | - | 48 | 20 | 0/300 | A |
| **99CANDLE** | F | LED CANDLE WITH REMOTE* | - | - | - | - | - | 2.25 | 1.45 | 1/120 | A |

*Until Supply Last







High-quality ABS material, environmental-friendly, sturdy and durable to use. Easy to install and convenient to use| Operated by 12V 23A battery (Not included) | When opening the cabinet,lamp will turns on automatically. When closing the cabinet, the light turns off



LED DECORATIVE CANDLE WITH REMOTE
Power supply:DC3.7V/200MAH(Rechargable Polymer Li-battery)
4hours to recharge,12hours working
LED lights identify the charging state
With ON/OFF and dimmer function
Time funtion 2H/4H/6H/8H
1set = 1 Candle + 1 charge + 1 remote

Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | RoHS COMPLIANT | EMC | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



2U
99200029



3U
99216165



ESL WARM WHITE 2700K NEUTRAL WHITE 4000K COOL WHITE 6400K **IP20**

UNTIL SUPPLY **LAST**

## 2U / 3U

| Catalogue number | Product category | Model | Watt (W) | Lamp holder | Lumen (lm) | Colour temp. (K) | Diameter (mm) | Length (mm) | Ø (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **99200028** | F | 2U/T3 | 5 | E14 | 175 | 2700K | 37 | 110 | 9 | 1/100 | A |
| **99200029** | F | 2U/T3 | 5 | E27 | 175 | 2700K | 37 | 110 | 9 | 1/100 | A |
| **99200030** | F | 2U/T3 | 9 | E14 | 405 | 2700K | 37 | 130 | 9 | 1/100 | A |
| **99200032** | F | 2U/T3 | 11 | E14 | 530 | 2700K | 37 | 140 | 9 | 1/100 | A |
| **99200033** | F | 2U/T3 | 11 | E14 | 530 | 6400K | 37 | 140 | 9 | 1/100 | A |
| **99216166** | F | 3U/T2 | 7 | E14 | 285 | 4000K | 33 | 100 | 7 | 1/100 | A |
| **99216165** | F | 3U/T2 | 7 | E27 | 285 | 4000K | 33 | 100 | 7 | 1/100 | A |
| **99216168** | F | 3U/T2 | 11 | E14 | 530 | 4000K | 33 | 110 | 7 | 1/100 | A |
| **99216170** | F | 4U/T2 | 15 | E14 | 800 | 4000K | 40 | 115 | 7 | 1/100 | A |

~230V 50/60 Hz Ra≥82 >10000 <2 s 8000h Hg <2 mg RoHS COMPLIANT EMC CE 2+0 standard +extended 2 YEAR TOTAL WARRANTY



FULL SPIRAL
99210046
99210048



FULL SPIRAL
99210047



HALF SPIRAL
99210144



HALF SPIRAL
99210145
99210147



ESL | WARM WHITE 2700K | NEUTRAL WHITE 4000K | IP20

UNTIL SUPPLY LAST

## FULL SPIRAL / HALF SPIRAL

| Catalogue number | Product category | Model | Watt (W) | Lamp holder | Lumen (lm) | Colour temp. (K) | Diameter (mm) | Length (mm) | Ø (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **99210046** | F | FULL SPIRAL | 5 | E14 | 175 | 2700K | 32 | 78 | 7 | 1/100 | A |
| **99210048** | F | FULL SPIRAL | 9 | E14 | 405 | 2700K | 32 | 96 | 7 | 1/100 | A |
| **99210047** | F | FULL SPIRAL | 5 | E27 | 175 | 2700K | 32 | 78 | 7 | 1/100 | A |
| **99210145** | F | HALF SPIRAL/T2 | 9 | E14 | 405 | 4000K | 40 | 96 | 8 | 1/100 | A |
| **99210147** | F | HALF SPIRAL/T2 | 11 | E14 | 530 | 4000K | 40 | 100 | 8 | 1/100 | A |
| **99210144** | F | HALF SPIRAL/T2 | 9 | E27 | 405 | 4000K | 40 | 90 | 8 | 1/100 | A |

~230V | 50/60 Hz | Ra≥82 | >10000 | <2s | 8000h | Hg <2mg | RoHS | EMC | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY




SPIRAL G9
99211152
99211418
99211419
99211153



ESLJ
99217304



GU10/SPIRAL
99212156
99212422



ESL | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | IP20

UNTIL SUPPLY LAST

## G9 / GU10 / ESLJ

| Catalogue number | Product category | Model | Watt (W) | Lamp holder | Lumen (lm) | Colour temp. (K) | Diameter (mm) | Length (mm) | Ø (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **99211152** | F | G9/SPIRAL | 5 | G9 | 175 | 4000K | 31 | 66 | 7 | 1/100 | A |
| **99211418** | F | G9/SPIRAL | 5 | G9 | 175 | 2700K | 31 | 66 | 7 | 1/100 | A |
| **99211419** | F | G9/SPIRAL | 7 | G9 | 285 | 2700K | 31 | 76 | 7 | 1/100 | A |
| **99211153** | F | G9/SPIRAL | 7 | G9 | 285 | 4000K | 31 | 76 | 7 | 1/100 | A |
| **99212156** | F | GU10/SPIRAL | 5 | GU10 | 175 | 4000K | 31 | 68 | 7 | 1/100 | A |
| **99212422** | F | GU10/SPIRAL | 5 | GU10 | 175 | 2700K | 31 | 68 | 7 | 1/100 | A |
| **99217304** | F | ESLJ78 | 9 | R7s | 370 | 6400K | 60 | 78 | - | 1/100 | A |

~230V | 50/60 Hz | Ra≥82 | >10000 | <2s | 8000h | Hg <2mg | RoHS COMPLIANT | EMC | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY



GLOBE
99280093




PEAR
99290100
99290101
99290102
99290103
99290104
99290105
99290106



ESL WARM WHITE 2700K COOL WHITE 6400K **IP20**

UNTIL SUPPLY LAST

## GLOBE / PEAR

| Catalogue number | Product category | Watt (W) | Lumen (lm) | Colour temp. (K) | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **99280093** | F | 15 | 800 | 6400 | 80 | 115 | 1/20 | A |
| **99290100** | F | 9 | 405 | 2700 | 100 | 55 | 1/100 | A |
| **99290101** | F | 9 | 405 | 6400 | 100 | 55 | 1/100 | A |
| **99290102** | F | 11 | 530 | 2700 | 106 | 55 | 1/100 | A |
| **99290103** | F | 11 | 530 | 6400 | 106 | 55 | 1/100 | A |
| **99290104** | F | 15 | 800 | 2700 | 140 | 65 | 1/100 | A |
| **99290105** | F | 15 | 800 | 6400 | 140 | 65 | 1/100 | A |
| **99290106** | F | 20 | 1150 | 2700 | 150 | 65 | 1/100 | A |

~230V 50/60 Hz E27 Ra≥82 >10000 <2 s 8000h Hg <2 mg RoHS EMC CE 2+0 standard +extended 2 YEAR TOTAL WARRANTY




CANDLE
99213159
99213160



G45
9918305
9918356




G45
9918357



GU10
99214358
99214161
99214359
99214162
99214163

ESL | WARM WHITE 2700K | NEUTRAL WHITE 4000K | IP20

UNTIL SUPPLY LAST

## CANDLE / G45 / GU10

| Catalogue number | Product category | Watt (W) | Lamp holder | Lumen (lm) | Colour temp. (K) | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **99213159** | F | 7 | E14 | 285 | 4000 | 100 | 38 | 1/100 | A |
| **9918305** | F | 7 | E14 | 285 | 2700 | 85 | 45 | 1/100 | A |
| **9918356** | F | 7 | E14 | 285 | 4000 | 85 | 45 | 1/100 | A |
| **9918357** | F | 7 | E27 | 285 | 4000 | 85 | 45 | 1/100 | A |
| **99214358** | F | 7 | GU10 | 285 | 2700 | 58 | 50 | 1/100 | A |
| **99214161** | F | 7 | GU10 | 285 | 4000 | 58 | 50 | 1/100 | A |
| **99214359** | F | 9 | GU10 | 405 | 2700 | 58 | 50 | 1/100 | A |
| **99214162** | F | 9 | GU10 | 405 | 4000 | 58 | 50 | 1/100 | A |
| **99214360** | F | 11 | GU10 | 530 | 2700 | 58 | 50 | 1/100 | A |
| **99214163** | F | 11 | GU10 | 530 | 4000 | 58 | 50 | 1/100 | A |

~230V | 50/60 Hz | Ra≥82 | >10000 | <2 s | 8000h | Hg <2 mg | RoHS COMPLIANT | EMC | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY




R50
99215351




T45
9918307
9918352




T45
9918308
9918353



ESL | WARM WHITE 2700K | NEUTRAL WHITE 4000K | IP20

UNTIL SUPPLY LAST

## R50 / T45

| Catalogue number | Product category | Model | Watt (W) | Lamp holder | Lumen (lm) | Colour temp. (K) | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **99215351** | F | R50 | 9 | E14 | 405 | 2700 | 88 | 50 | 1/100 | A |
| **99215164** | F | R50 | 9 | E14 | 405 | 4000 | 88 | 50 | 1/100 | A |
| **9918307** | F | T45 | 8 | E27 | 380 | 2700 | 92 | 45 | 1/100 | A |
| **9918352** | F | T45 | 8 | E27 | 380 | 4000 | 92 | 45 | 1/100 | A |
| **9918308** | F | T45 | 8 | E27 | 380 | 2700 | 92 | 45 | 1/100 | A |
| **9918353** | F | T45 | 8 | E27 | 380 | 4000 | 92 | 45 | 1/100 | A |

~230V | 50/60 Hz | Ra≥82 | >10000 | <2 s | 8000h | Hg <2mg | RoHS COMPLIANT | EMC | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY



## LED PLL

99LED930



LED | COOL WHITE 6400K | **IP20**

## LED PLL

| Catalogue number | Product category | Dimmable | Watt (W) | Lamp holder | LED type | LED lamp lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Diameter/Width (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **99LED930** | C | | 20 | 2G11 | SMD 2835 | 2000 | 5500 | 170° | 530 | 43 | 1/50 | A+ |

~230V | 50/60 Hz | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | RoHS COMPLIANT | EMC | CE | 3+0 standard +extended 3 YEAR TOTAL WARRANTY



# LED PLC

99LED553



LED WARM WHITE 2700K **IP20**

UNTIL SUPPLY LAST

## LED PLC

| Catalogue number | Product category | Watt (W) | Lamp holder | LED lamp lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Width (mm) | Height (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **99LED553** | F | 15 | G24d | 1350 | 2700 | 120° | 193 | - | - | 38 | 1/10 | A+ |

~230V | 50/60 Hz | SMD 2835 | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | RoHS COMPLIANT | EMC | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY




PLC2P
99250367



PLC4P
99270375
99270376
99270089



ESL | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | IP20

UNTIL SUPPLY LAST

## PLC / PLL

| Catalogue number | Product category | Model | Watt (W) | Lamp holder | Lumen (lm) | Colour temp. (K) | Length (mm) | Width (mm) | Height (mm) | Ø (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **99250367** | F | PLC2P | 10 | G24d | 530 | 2700 | 35 | 35 | 110 | 12 | 1/100 | A |
| **99270375** | F | PLC4P | 13 | G24d | 780 | 2700 | 35 | 35 | 136 | 12 | 1/100 | A |
| **99270376** | F | PLC4P | 13 | G24d | 780 | 4000 | 35 | 35 | 136 | 12 | 1/100 | A |
| **99270089** | F | PLC4P | 13 | G24d | 780 | 6400 | 35 | 35 | 136 | 12 | 1/100 | A |

~230V | 50/60 Hz | Ra≥82 | >10000 | <2s | 8000h | Hg <2mg | RoHS COMPLIANT | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY



LED TUBE T5
99LED929
99LED927



LED TUBE T5
99LED928
99LED926



ROTATING T5

LED NEUTRAL WHITE 4000K COOL WHITE 6400K IP20

## LED TUBE T5

| Catalogue number | Product category | Watt (W) | LED lamp lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **99LED928** | C | 10W | 1100 | 4000 | 170° | 549 | 16 | 1/100 | A+ |
| **99LED926** | C | 10W | 1100 | 6400 | 170° | 549 | 16 | 1/100 | A+ |
| **99LED929** | C | 20W | 2200 | 4000 | 170° | 1149 | 16 | 1/100 | A+ |
| **99LED927** | C | 20W | 2200 | 6400 | 170° | 1149 | 16 | 1/100 | A+ |

~230V 50/60 Hz SMD 2835 LED T5 G5 Ra≥80 >20000 INSTANT 100% 30000h RoHS EMC CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



## MEAT FRESH LIGHT LED TUBE T8

99LED960M
99LED962M



## VEGETABLES FRESH LIGHT LED TUBE T8

99LED963F
99LED965F



## BREAD FRESH LIGHT LED TUBE T8

99LED966B
99LED968B

FOOD

LED IP20

## FRESH LIGHT LED TUBE T8

| Catalogue number | Product category | Watt (W) | Colour temp. (K) | LED lamp lumens (lm) | Beam angle | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **99LED960M** | C | 9 | 6000+red (660nm) | 585 | 300° | 600 | 26 | 1/25 | A+ |
| **99LED962M** | C | 18 | 6000+red (660nm) | 1170 | 300° | 1200 | 26 | 1/25 | A+ |
| **99LED963F** | C | 9 | 6000+green (470nm) | 720 | 300° | 600 | 26 | 1/25 | A+ |
| **99LED965F** | C | 18 | 6000+green (470nm) | 1440 | 300° | 1200 | 26 | 1/25 | A+ |
| **99LED966B** | C | 9 | 3000 | 810 | 300° | 600 | 26 | 1/25 | A+ |
| **99LED968B** | C | 18 | 3000 | 1620 | 300° | 1200 | 26 | 1/25 | A+ |





This special lighting mostly use for meat, fruit, vegetable, bread and so on in supermarket. Through the colour mixing technology to achieve unparalleled lighting effect and effectively improve the fresh food area to attract customer different occasions, green for vegetable and fruit departament. Red in generally used for meat lighting to show the delicios meat and you could always find the lighting that you need. Application- supermarket, shelves, freezer stores, departament stores counters.

~230V | 50/60 Hz | SMD 4014 | G13 | Ra≥80 | >20000 | INSTANT 100% | 30000h | Hg | RoHS COMPLIANT | EMC | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LED TUBE T8 STELLAR
99XLED447
99XLED448



LED TUBE T8 STELLAR
99XLED354
99XLED355



LED TUBE T8 STELLAR
99XLED351
99XLED352



ROTATING

NEUTRAL WHITE 4000K
COOL WHITE 6400K
IP20

## LED TUBE T8 STELLAR

| Catalogue number | Product category | Watt (W) | LED lamp lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **99XLED351** | C | 9 | 630 | 6400 | 270° | 603 | 26 | 1/25 | A+ |
| **99XLED352** | C | 9 | 630 | 4000 | 270° | 603 | 26 | 1/25 | A+ |
| **99XLED354** | C | 18 | 1260 | 6400 | 270° | 1213 | 26 | 1/25 | A+ |
| **99XLED355** | C | 18 | 1260 | 4000 | 270° | 1213 | 26 | 1/25 | A+ |
| **99XLED447** | C | 24 | 1680 | 6400 | 270° | 1513 | 26 | 1/25 | A+ |
| **99XLED448** | C | 24 | 1680 | 4000 | 270° | 1513 | 26 | 1/25 | A+ |

~230V · 50/60 Hz · SMD 2835 · LED T8 · G13 · 270° · Ra≥80 · >20000 · INSTANT 100% · 15000h · Hg · RoHS COMPLIANT · EMC · CE · 2+0 standard +extended · 2 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



## LED TUBE T8
99LED447M
99LED448M



## LED TUBE T8
99LED354M
99LED355M



## LED TUBE T8
99LED351M
99LED352M



ROTATING

NEUTRAL WHITE 4000K
COOL WHITE 6400K
IP20

## LED TUBE T8

| Catalogue number | Product category | Watt (W) | LED lamp lumens (lm) | Colour temp. (K) | Beam angle | Length (mm) | Diameter (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **99LED351M** | C | 10 | 900 | 6400 | 300° | 604 | 28 | 1/25 | A+ |
| **99LED352M** | C | 10 | 900 | 4000 | 300° | 604 | 28 | 1/25 | A+ |
| **99LED354M** | C | 18 | 1850 | 6400 | 300° | 1213 | 28 | 1/25 | A+ |
| **99LED355M** | C | 18 | 1850 | 4000 | 300° | 1213 | 28 | 1/25 | A+ |
| **99LED447M** | C | 24 | 2400 | 6400 | 300° | 1514 | 28 | 1/25 | A+ |
| **99LED448M** | C | 24 | 2400 | 4000 | 300° | 1514 | 28 | 1/25 | A+ |

~230V · 50/60 Hz · SMD 4014 · G13 · 120° · Ra≥80 · >20000 · INSTANT 100% · 30000h · Hg · RoHS COMPLIANT · EMC · CE · 3+0 standard +extended · 3 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*



EST3F-T8



EST-T5



ESL | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | IP20

UNTIL SUPPLY LAST

## EST3F-T8 & T5 TRIPHOSPHOR

| Catalogue number | Product category | Model | Watt (W) | Lumen (lm) | Colour temp. (K) | Length 1 (mm) | Length 2 (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **992304163F** | F | EST3F-T8 | 58 | 4450 | 2700 | 1500 | 1515 | 1/25 | A |
| **992304173F** | F | EST3F-T8 | 58 | 4450 | 4000 | 1500 | 1515 | 1/25 | A |
| **99230407** | F | EST-T8 | 58 | 4080 | 4000 | 1500 | 1515 | 1/25 | B |
| **99220383** | F | EST-T5 | 4 | 195 | 2700 | 144 | 150 | 1/100 | A |
| **99220384** | F | EST-T5 | 4 | 195 | 4000 | 144 | 150 | 1/100 | A |
| **99220063** | F | EST-T5 | 4 | 195 | 6400 | 144 | 150 | 1/100 | A |
| **99220385** | F | EST-T5 | 6 | 380 | 2700 | 210 | 220 | 1/100 | A |
| **99220393** | F | EST-T5 | 21 | 1850 | 2700 | 847 | 863 | 1/100 | A |
| **99220394** | F | EST-T5 | 21 | 1850 | 4000 | 847 | 863 | 1/100 | A |
| **99220395** | F | EST-T5 | 28 | 2550 | 2700 | 1148 | 1200 | 1/100 | A |
| **99220397** | F | EST-T5 | 35 | 3250 | 2700 | 1445 | 1500 | 1/100 | A |
| **99220399** | F | EST-T5 | 35 | 3250 | 6400 | 1445 | 1500 | 1/100 | A |
| **99220400** | F | EST-T5 | 49 | 3850 | 2700 | 1445 | 1500 | 1/100 | A |
| **99220425** | F | EST-T5 | 54 | 4250 | 2700 | 1148 | 1200 | 1/100 | A |

~230V | 50/60 Hz | Ra≥82 | >10000 | <2 s | 8000h | Hg <2mg | RoHS COMPLIANT | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY



MHL
99410129



MHL GR
99410132
99410133



**IP20**

UNTIL SUPPLY LAST

## MHL / MHL GR

| Catalogue number | Product category | Watt (W) | Lamp holder | Lumen (lm) | Colour temp. (K) | Colour | Length 1 (mm) | Length 2 (mm) | Width (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **99410129** | F | 150 | G12 | 12000 | 4200 | transparent | 79 | 110 | 23 | 1/240 | A+ |
| **99410132** | F | 70 | Rx7s | - | - | green | 104 | 117 | 20 | 1/20 | A+ |
| **99410133** | F | 150 | Rx7s | - | - | green | 121 | 134 | 24 | 1/20 | A+ |

~230V | 50/60 Hz | Rx7s | Ra≥82 | 10000h | RoHS COMPLIANT | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY



# LED STRIPS AND ALUMINIUM PROFILES



LED 150 RGB 12V DC STELLAR IP20
99XLED311



LED 300 12V DC STELLAR IP65
99XLED312
99XLED313

LED | WARM WHITE 2700K | COOL WHITE 6400K | **IP20** | **IP65** | **12V DC**

## LED 150 RGB / 300 STELLAR

| Catalogue number | Product category | Model | LEDs (pcs/m) | Watts / meter | Colour temp. (K) | Colour of light | Protection rating | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **99XLED311** | C | LED- 5050 * | 30pcs/m | 7.2 W/M | - | RGB | IP 20 | 5/20 | A++→A |
| **99XLED316** | C | LED- 5050* | 30pcs/m | 7.2W/M | | RGB | IP65 | 5/20 | A++→A |
| **99XLED306** | C | LED- 3528-60WW *** | 60pcs/m | 4.8W/M | 2700-3000K | warm white | IP 20 | 5/20 | A++→A |
| **99XLED305** | C | LED- 3528-60CW *** | 60pcs/m | 4.8W/M | 6000-6500K | cold white | IP 20 | 5/20 | A++→A |
| **99XLED312** | C | LED- 3528-60CW *** | 60pcs/m | 4.8W/M | 6000-6500 | cold white | IP65 | 5/20 | A++→A |
| **99XLED313** | C | LED- 3528-60WW *** | 60pcs/m | 4.8W/M | 2700-3000 | warm white | IP65 | 5/20 | A++→A |

* Flex white FCB, 10mm, double layer, mark cut
** Luminous efficiency: 10-12 lm/LED, 10mm Flex white FCB, double layer, mark cut
*** Luminous efficiency: 3-4 lm/LED, 8mm Flex yellow PCB, single layer, mark cut
**** Luminous efficiency: 3-4 lm/LED, 8mm Flex white FCB, double layer, mark cut

12V DC | SMD 5050 | REEL 5m | 120° | 15000h | Hg | RoHS COMPLIANT | III | F | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



## LED 300 12V DC IP20

99LED670
99LED671
99LED672
99LED673
99LED674
99LED675
99LED676



## LED 300 12V DC IP65

99LED677
99LED678
99LED679
99LED680
99LED681
99LED682
99LED683

LED | WARM WHITE 2700K | COOL WHITE 6400K | IP20 | IP65 | 12V DC

## LED 300

| Catalogue number | Product category | Model | LEDs (pcs/m) | Watts / meter | Colour temp. (K) | Colour of light | Protection rating | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **99LED670** | C | LED-5050-60-WW | 60pcs/m | 14.4W/M | 2700~3000 | warm white | IP 20 | 5/20 | A++→A |
| **99LED671** | C | LED-5050-60-CW | 60pcs/m | 14.4W/M | 6200~6500 | cold white | IP 20 | 5/20 | A++→A |
| **99LED672** | C | LED-5050-60-Y | 60pcs/m | 14.4W/M | 587-592 | yellow | IP 20 | 5/20 | A++→A |
| **99LED673** | C | LED-5050-60-G | 60pcs/m | 14.4W/M | 520-525 | green | IP 20 | 5/20 | A++→A |
| **99LED674** | C | LED-5050-60-B | 60pcs/m | 14.4W/M | 465-470 | blue | IP 20 | 5/20 | A++→A |
| **99LED675** | C | LED-5050-60-R | 60pcs/m | 14.4W/M | 620-630 | red | IP 20 | 5/20 | A++→A |
| **99LED676** | C | LED-5050-60-RGB* | 60pcs/m | 14.4W/M | - | RGB | IP 20 | 5/20 | A++→A |
| **99LED677** | C | LED-5050-60-WW | 60pcs/m | 14.4W/M | 2700~3000 | warm white | IP 65 | 5/20 | A++→A |
| **99LED678** | C | LED-5050-60-CW | 60pcs/m | 14.4W/M | 6200~6500 | cold white | IP 65 | 5/20 | A++→A |
| **99LED679** | C | LED-5050-60-Y | 60pcs/m | 14.4W/M | 587-592 | yellow | IP 65 | 5/20 | A++→A |
| **99LED680** | C | LED-5050-60-G | 60pcs/m | 14.4W/M | 520-525 | green | IP 65 | 5/20 | A++→A |
| **99LED681** | C | LED-5050-60-B | 60pcs/m | 14.4W/M | 465-470 | blue | IP 65 | 5/20 | A++→A |
| **99LED682** | C | LED-5050-60-R | 60pcs/m | 14.4W/M | 620-630 | red | IP 65 | 5/20 | A++→A |
| **99LED683** | C | LED-5050-60-RGB* | 60pcs/m | 14.4W/M | - | RGB | IP 65 | 5/20 | A++→A |

Luminous efficiency: 20-22Lm/LED, 10mm Flex white PCB, with 3M adhere attached, mark cut.

12V DC | SMD 5050 | REEL 5m | 120° | 30000h | Hg | RoHS COMPLIANT | III | F | CE | 4+1 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



## LED 600 12V DC STELLAR IP20

99XLED308
99XLED307
99XLED321



## LED 300 12V DC STELLAR IP65

99XLED317
99XLED318
99XLED319

LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | IP20 | IP65 | 12V DC

## LED 600 / 300 STELLAR

| Catalogue number | Product category | Model | LEDs (pcs/m) | Watts / meter | Colour temp. (K) | Colour of light | Protection rating | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **99XLED308** | C | LED- 3528-120WW **** | 120pcs/m | 9.6W/M | 2700-3000 | warm white | IP 20 | 5/20 | A++→A |
| **99XLED321** | C | LED- 3528-120W **** | 120pcs/m | 9.6W/M | 4000-4300 | neutral white | IP 20 | 5/20 | A++→A |
| **99XLED307** | C | LED- 3528-120CW **** | 120pcs/m | 9.6W/M | 6000-6500 | cold white | IP 20 | 5/20 | A++→A |
| **99XLED315** | C | LED- 3528-120WW **** | 120pcs/m | 9.6W/M | 2700-3000 | warm white | IP65 | 5/20 | A++→A |
| **99XLED320** | C | LED- 3528-120W **** | 120pcs/m | 9.6W/M | 4000-4300 | neutral white | IP65 | 5/20 | A++→A |
| **99XLED314** | C | LED- 3528-120CW **** | 120pcs/m | 9.6W/M | 6000-6500 | cold white | IP65 | 5/20 | A++→A |
| **99XLED310** | C | LED- 5050-60WW ** | 60pcs/m | 14.4W/M | 2700-3000 | warm white | IP 20 | 5/20 | A++→A |
| **99XLED322** | C | LED- 5050-60W ** | 60pcs/m | 14.4W/M | 4000-4300 | neutral white | IP 20 | 5/20 | A++→A |
| **99XLED309** | C | LED- 5050-60CW ** | 60pcs/m | 14.4W/M | 6000-6500 | cold white | IP 20 | 5/20 | A++→A |
| **99XLED318** | C | LED- 5050-60WW ** | 60pcs/m | 14.4W/M | 2700-3000 | warm white | IP65 | 5/20 | A++→A |
| **99XLED319** | C | LED- 5050-60W ** | 60pcs/m | 14.4W/M | 4000-4300 | neutral white | IP65 | 5/20 | A++→A |
| **99XLED317** | C | LED- 5050-60CW ** | 60pcs/m | 14.4W/M | 6000-6500 | cold white | IP65 | 5/20 | A++→A |

* Flex white FCB, 10mm, double layer, mark cut
** Luminous efficiency: 10-12 lm/LED, 10mm Flex white FCB, double layer, mark cut
*** Luminous efficiency: 3-4 lm/LED, 8mm Flex yellow PCB, single layer, mark cut
**** Luminous efficiency: 3-4 lm/LED, 8mm Flex white FCB, double layer, mark cut

12V DC | SMD 5050 | REEL 5m | 120° | 15000h | Hg | RoHS COMPLIANT | III | F | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

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## LED 600 12V DC IP20

99LED666
99LED667



## LED 600 12V DC IP65

99LED668
99LED669



LED | WARM WHITE 2700K | COOL WHITE 6400K | **IP20** | **IP65** | **12V DC**

## LED 600

| Catalogue number | Product category | Model | LEDs (pcs/m) | Watts / meter | Colour temp. (K) | Colour of light | Protection rating | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **99LED666** | C | LED-3528-120-WW | 120pcs/m | 9,6W/M | 2700-3000 | warm white | IP20 | 5/20 | A++→A |
| **99LED667** | C | LED-3528-120-CW | 120pcs/m | 9,6W/M | 6200-6500 | cold white | IP20 | 5/20 | A++→A |
| **99LED668** | C | LED-3528-120-WW | 120pcs/m | 9,6W/M | 2700-3000 | warm white | IP65 | 5/20 | A++→A |
| **99LED669** | C | LED-3528-120-CW | 120pcs/m | 9,6W/M | 6200-6500 | cold white | IP65 | 5/20 | A++→A |

Luminous efficiency: 20-22Lm/LED, with 3M adhere attached, mark cut.

12V DC | SMD 5050 | REEL 5m | 120° | 30000h | Hg | RoHS COMPLIANT | III | F | CE | 4+1 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LED 1200 12V DC IP20
99LED684
99LED685

LED 1200 12V DC IP65
99LED686
99LED687



LED 600 12V DC IP20
99LED688
99LED689
99LED690

LED 600 12V DC IP65
99LED691
99LED692
99LED693

LED WARM WHITE 2700K COOL WHITE 6400K **IP20** **IP65** **12V DC**

## LED 1200 / 600

| Catalogue number | Product category | Model | LEDs (pcs/m) | Watts / meter | Colour temp. (K) | Colour of light | Protection Raiting | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **99LED684** | C | LED-3528-2X120-WW | 2X120pcs/m | 20W/M | 2700-3000 | warm white | IP20 | 5/20 | A++→A |
| **99LED685** | C | LED-3528-2X120-CW | 2X120pcs/m | 20W/M | 6200-6500 | cold white | IP20 | 5/20 | A++→A |
| **99LED686** | C | LED-3528-2X120-WW | 2X120pcs/m | 20W/M | 2700-3000 | warm white | IP65 | 5/20 | A++→A |
| **99LED687** | C | LED-3528-2X120-CW | 2X120pcs/m | 20W/M | 6200-6500 | cold white | IP65 | 5/20 | A++→A |
| **99LED688** | C | LED-5050-2X60-WW | 2X60pcs/m | 29W/M | 2700-3000 | warm white | IP 20 | 5/20 | A++→A |
| **99LED689** | C | LED-5050-2X60-CW | 2X60pcs/m | 29W/M | 6200-6500 | cold white | IP 20 | 5/20 | A++→A |
| **99LED690** | C | LED-5050-2X60-RGB | 2X60pcs/m | 29W/M | - | RGB | IP 20 | 5/20 | A++→A |
| **99LED691** | C | LED-5050-2X60-WW | 2X60pcs/m | 29W/M | 2700-3000 | warm white | IP 65 | 5/20 | A++→A |
| **99LED692** | C | LED-5050-2X60-CW | 2X60pcs/m | 29W/M | 6200-6500 | cold white | IP 65 | 5/20 | A++→A |
| **99LED693** | C | LED-5050-2X60-RGB | 2X60pcs/m | 29W/M | - | RGB | IP 65 | 5/20 | A++→A |

Luminous efficiency: 6-7Lm/LED, 15mm Flex white PCB, with 3M adhere attached, mark cut.
Luminous efficiency: 6-7Lm/LED, 17mm Flex white PCB hollow tube waterproof IP65, with 3M adhere attached, mark cut.

12V DC | SMD 3528 | REEL 5m | 120° | 30000h | Hg | RoHS COMPLIANT | F | CE | 4+1 standard +extended | 5 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



# LED 300 RGBW

99LED884



WARM WHITE 2700K | NEUTRAL WHITE 4000K | **IP20** | **12V DC**

## LED 300 RGBW

| Catalogue number | Product category | Model | LEDs (pcs/m) | Watts / meter | Colour of light | Protection rating | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **99LED884** | C | LED-5050-RGBW | 60pcs/m | 14.4W/M | RGB+WHITE | IP 20 | 5/50 | A++→A |

Dimensions: 5000 x 10 x 1mm



12V DC | SMD 5050 | REEL 5m | 120° | 30000h | Hg | RoHS COMPLIANT | III | F | CE | 4+1 standard +extended | 5 YEAR TOTAL WARRANTY

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## LED 300 24V DC - IP20

99LED866
99LED867



## LED 300 24V DC - IP65

99LED874
99LED875



LED | WARM WHITE 2700K | COOL WHITE 6400K | **IP20** | **IP65** | **24V DC**

### LED 300

| Catalogue number | Product category | Model | LEDs (pcs/m) | Watts / meter | Colour temp. (K) | Colour of light | Protection rating | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **99LED866** | C | LED-5050-60-WW ** | 60pcs/m | 14.4W/M | 2700-3000 | warm white | IP 20 | 5/100 | A++→A |
| **99LED867** | C | LED-5050-60-CW ** | 60pcs/m | 14.4W/M | 6200-6500 | cold white | IP 20 | 5/100 | A++→A |
| **99LED874** | C | LED-5050-60-WW ** | 60pcs/m | 14.4W/M | 2700-3000 | warm white | IP 65 | 5/100 | A++→A |
| **99LED875** | C | LED-5050-60-CW ** | 60pcs/m | 14.4W/M | 6200-6500 | cold white | IP 65 | 5/100 | A++→A |

* Luminous efficiency: 20-22 lm/LED, with 3M adhere attached, mark cut.
** Luminous efficiency: 20-22 lm/LED, with 3M adhere attached, mark cut.

24V DC | SMD 5050 | SMD 3528 | REEL 5m | 120° | 30000h | Hg | RoHS COMPLIANT | III | F | CE | 4+1 standard +extended | 5 YEAR TOTAL WARRANTY

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## LED 600 24V DC - IP20

99LED864
99LED865
99LED868
99LED869
99LED870
99LED871



## LED 600 24V DC - IP65

99LED872
99LED873
99LED876
99LED877
99LED878
99LED879

LED | WARM WHITE 2700K | COOL WHITE 6400K | IP20 | IP65 | 24V DC

## LED 600

| Catalogue number | Product category | Model | LEDs (pcs/m) | Watts / meter | Colour temp. (K) | Colour of light | Protection rating | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **99LED864** | C | LED-3528-120-WW * | 120pcs/m | 9.6W/M | 2700-3000 | warm white | IP 20 | 5/100 | A++→A |
| **99LED865** | C | LED-3528-120-CW * | 120pcs/m | 9.6W/M | 6200-6500 | cold white | IP 20 | 5/100 | A++→A |
| **99LED868** | C | LED-3528-120-Y * | 120pcs/m | 9.6W/M | 587-592 | yellow | IP 20 | 5/100 | A++→A |
| **99LED869** | C | LED-3528-120-G * | 120pcs/m | 9.6W/M | 520-525 | green | IP 20 | 5/100 | A++→A |
| **99LED870** | C | LED-3528-120-B * | 120pcs/m | 9.6W/M | 465-470 | blue | IP 20 | 5/100 | A++→A |
| **99LED871** | C | LED-3528-120-R * | 120pcs/m | 9.6W/M | 620-630 | red | IP 20 | 5/100 | A++→A |
| **99LED872** | C | LED-3528-120-WW * | 120pcs/m | 9.6W/M | 2700-3000 | warm white | IP 65 | 5/100 | A++→A |
| **99LED873** | C | LED-3528-120-CW * | 120pcs/m | 9.6W/M | 6200-6500 | cold white | IP 65 | 5/100 | A++→A |
| **99LED876** | C | LED-3528-120-Y * | 120pcs/m | 9.6W/M | 587-592 | yellow | IP 65 | 5/50 | A++→A |
| **99LED877** | C | LED-3528-120-G * | 120pcs/m | 9.6W/M | 520-525 | green | IP 65 | 5/50 | A++→A |
| **99LED878** | C | LED-3528-120-B * | 120pcs/m | 9.6W/M | 465-470 | blue | IP 65 | 5/50 | A++→A |
| **99LED879** | C | LED-3528-120-R * | 120pcs/m | 9.6W/M | 620-630 | red | IP 65 | 5/50 | A++→A |

* Luminous efficiency: 22-24 lm/LED, with 3M adhere attached, mark cut.
** Luminous efficiency: 22-24 lm/LED, with 3M adhere attached, mark cut.

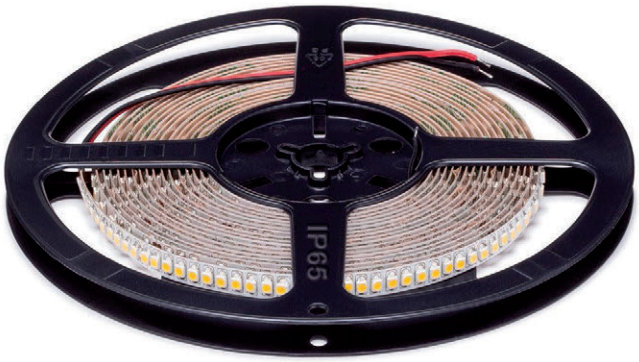
24V DC | SMD 5050 | SMD 3528 | REEL 5m | 120° | 30000h | Hg | RoHS COMPLIANT | III | F | CE | 4+1 standard +extended | 5 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*




## LED 960 24V DC - IP20

99LED881WW
99LED881
99LED881CW




## LED 960 24V DC - IP65

99LED882WW
99LED882
99LED882CW

WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | **IP20** | **IP65** | **24V DC**

## LED 960

| Catalogue number | Product category | Model | LEDs (pcs/m) | Watts / meter | Colour temp. (K) | Colour of light | Protection Raiting | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **99LED881WW** | C | LED-3528-192-WW | 192pcs/m | 20W/M | 2700-3000 | warm white | IP20 | 5/50 | A++→A |
| **99LED881** | C | LED-3528-192-W | 192pcs/m | 20W/M | 4000-4300 | neutral white | IP20 | 5/50 | A++→A |
| **99LED881CW** | C | LED-3528-192-CW | 192pcs/m | 20W/M | 6000-6500 | cold white | IP20 | 5/50 | A++→A |
| **99LED882WW** | C | LED-3528-192-WW | 192pcs/m | 20W/M | 2700-3000 | warm white | IP65 | 5/50 | A++→A |
| **99LED882** | C | LED-3528-192-W | 192pcs/m | 20W/M | 4000-4300 | neutral white | IP65 | 5/50 | A++→A |
| **99LED882CW** | C | LED-3528-192-CW | 192pcs/m | 20W/M | 6000-6500 | cold white | IP65 | 5/50 | A++→A |

Luminous efficiency: 22-24 lm/LED, 8mm Flex white PCB, with 3M adhere attached, mark cut.

24V DC | SMD 3528 | REEL 5m | 120° | 30000h | Hg | RoHS | III | F | CE | 4+1 standard +extended | 5 YEAR TOTAL WARRANTY

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# HIGH EFFICIENCY LED STRIP- 200lm/W

99LED982WW
99LED982
99LED982CW



LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | **IP20** | **24V DC** | **HIGH EFFICIENCY**

## HIGH EFFICIENCY LED STRIP- 200lm/W

| Catalogue number | Product category | Model | LEDs (pcs/m) | Watts / meter | Colour temp. (K) | Colour of light | Protection Raiting | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **99LED982WW** | C | LED-5630-WW | 72pcs/m | 9.6W/M | 3000 | warm white | IP20 | 5/100 | A++→A |
| **99LED982** | C | LED-5630-W | 72pcs/m | 9.6W/M | 4000 | neutral white | IP20 | 5/100 | A++→A |
| **99LED982CW** | C | LED-5630-CW | 72pcs/m | 9.6W/M | 6500 | cold white | IP20 | 5/100 | A++→A |

**Luminous efficiency:** 1920 lm/m, 200lm/W, 10mm, self adhesive, mark cut.

24V DC | SMD 3528 | REEL 5m | 120° | Ra≥80 | 30000h | Hg | RoHS COMPLIANT | III | F | CE | 4+1 standard +extended | 5 YEAR TOTAL WARRANTY

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# COB LED STRIP

99LED980WW
99LED980
99LED980CW



LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | **IP20** | **IP67** | **24V DC**

## COB LED STRIP

| Catalogue number | Product category | Model | Watts / meter | Colour temp. (K) | Colour of light | Protection Raiting | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **99LED980WW** | C | LED-COB-WW | 10W/M | 3000 | warm white | IP20 | 5/100 | A++→A |
| **99LED980** | C | LED-COB-W | 10W/M | 4000 | neutral white | IP20 | 5/100 | A++→A |
| **99LED980CW** | C | LED-COB-CW | 10W/M | 6500 | cold white | IP20 | 5/100 | A++→A |
| **99LED981CW** | C | LED-COB-CW | 10W/M | 6500 | cold white | IP67 | 5/100 | A++→A |

**Luminous efficiency:** 1000 lm/m, 10mm, self adhesive, mark cut.

24V DC | REEL 5m | 120° | Ra≥90 | 30000h | Hg | RoHS COMPLIANT | III | F | CE | 4+1 standard +extended | 5 YEAR TOTAL WARRANTY

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# BENDABLE LED STRIP

99LED983WW
99LED983
99LED983CW



LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | **IP20** | **24V DC**

## S-TYPE BENDABLE LED STRIP

| Catalogue number | Product category | Model | Watts / meter | Colour temp. (K) | Colour of light | Protection Raiting | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **99LED983WW** | C | LED-SMD2835 | 12W/M | 3000 | warm white | IP20 | 5/100 | A++→A |
| **99LED983** | C | LED-SMD2835 | 12W/M | 4000 | neutral white | IP20 | 5/100 | A++→A |
| **99LED983CW** | C | LED-SMD2835 | 12W/M | 6500 | cold white | IP20 | 5/100 | A++→A |

**Luminous efficiency:** 700 lm/m, 8mm, self adhesive, mark cut.

24V DC | SMD 3528 | REEL 5m | 120° | Ra≥90 | 30000h | Hg | RoHS COMPLIANT | III | F | CE | 4+1 standard +extended | 5 YEAR TOTAL WARRANTY

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# USB RGB LED STRIP AND CONTROLLER

99LED984RGB
99LEDDIMMER5V2

LED **IP20** **5V DC**

## USB RGB LED STRIP

| Catalogue number | Product category | Model | LEDs (pcs/m) | Colour temp. (K) | Colour of light | Protection Raiting | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **99LED984RGB** | C | LED-2835-RGB | 30pcs/m | RGB | RGB | IP20 | 5/100 | A++→A |

Driven by any devices with output 5V USB port- computer, desktop, laptop, TV, USB socket.

**Width:** 8mm, self adhesive, mark cut.

5V DC | SMD 3528 | REEL 5m | 120° | Ra≥80 | Hg | RoHS | III | F | CE | 2+0 standard +extended | 2 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***

**IP20**

## CONTROLLER FOR LED STRIP 5V WITH REMOTE CONTROL

| Catalogue number | Product category | Current (A) | Voltage (V) | Remote distance (m) | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|
| **99LEDDIMMER5V2** | C | 3x2A | 5-24V DC | 15 | 40 | 12 | 5 | 5/100 | A++→A |

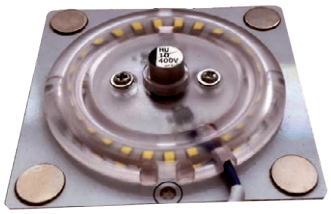
**Remote controller battery:** 3V: 1xCR2025- included

IP 20 | RoHS | EMC | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



## LED MODULES
99LEDMOD2430
99LEDMOD2440
99LEDMOD2460



## LED MODULES
99LEDMOD1230
99LEDMOD1240
99LEDMOD1260




## L5050 LED MODULE
99LED360

LED | COOL WHITE 6400K | **IP65**

UNTIL SUPPLY LAST

### LED MODULE

| Catalogue number | Product category | Watt (W) | LEDs (pcs) | LED Type | Colour temp. (K) | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **99LED360** | F | 0,72 | 3 | SMD5050 | 5500 | 78 | 14 | 7.5 | 1/2000 | A++→A |

**Body:** aluminium alloy | **Light source:** Epistar | LED recessed round spotlight COB. Easy installation due to handy clips.

12V DC | Ra>80 | 120° | 30000h | IP 67 | RoHS | CE | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY

LED | WARM WHITE 2700K | NEUTRAL WHITE 4000K | COOL WHITE 6400K | **IP20** | **230V AC**

### LED MODULES EPISTAR

| Catalogue number | Product category | Watt (W) | Lumen (lm) | Colour temp. (K) | Length (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|
| **99LEDMOD1230** | C | 12 | 1140 | 3000 | 63 | 63 | 1/100 | A++→A |
| **99LEDMOD1240** | C | 12 | 1140 | 4000 | 63 | 63 | 1/100 | A++→A |
| **99LEDMOD1260** | C | 12 | 1140 | 6000 | 63 | 63 | 1/100 | A++→A |
| **99LEDMOD2430** | C | 24 | 2280 | 3000 | 120 | 63 | 1/80 | A++→A |
| **99LEDMOD2440** | C | 24 | 2280 | 4000 | 120 | 63 | 1/80 | A++→A |
| **99LEDMOD2460** | C | 24 | 2280 | 6000 | 120 | 63 | 1/80 | A++→A |

LED Chip: Epistar | Lens angle: 160°| Mounting: With magnet, for the lamps with iron plates, the modules have magnets that can be attached to the installation.
For the plastic lamps, the modules have double-sided conductive adhesive tape, which can be pasted and installed.
Aplication: Suitable for ceiling lamp, wall lamp ,Bulkhead light etc.

Ra>80 | 160° | 30000h | RoHS | CE | 3+2 standard +extended | 5 YEAR TOTAL WARRANTY

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RGBW BASE 120 + LENS
97LED120LRGB



BASE 120
97LED120WW
97LED120CW
97LED120RGB



RGBW BASE 65
97LED65RGB

LED WARM WHITE 2700K COOL WHITE 6400K

## RECHARGEABLE LED BASES

| Catalogue number | Product category | Type | Battery type | LEDs (qty) | Colour temp. (K) | Diameter (mm) | Diameter1 (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **97LED65RGB** | C | RGBW BASE 65 | LI- 3.7V/ 800MAH | 1+1 | RGBW | 85 | 68 | 65 | 1/50 | A++→A |
| **97LED120LRGB** | C | RGBW BASE 120 + LENS | LI- 3.7V/ 5200MAH | 7+7 | RGBW | 120 | 95 | 58 | 1/36 | A++→A |
| **97LED120WW** | C | WW BASE 120 | LI- 3.7V/ 5200MAH | 12 | 3000 | 120 | 102 | 73 | 1/36 | A++→A |
| **97LED120CW** | C | CW BASE 120 | LI- 3.7V/ 5200MAH | 12 | 5500 | 120 | 102 | 73 | 1/36 | A++→A |
| **97LED120RGB** | C | RGBW BASE 120 | LI- 3.7V/ 5200MAH | 9+9 | RGBW | 120 | 102 | 73 | 1/36 | A++→A |

Remote control



Charger

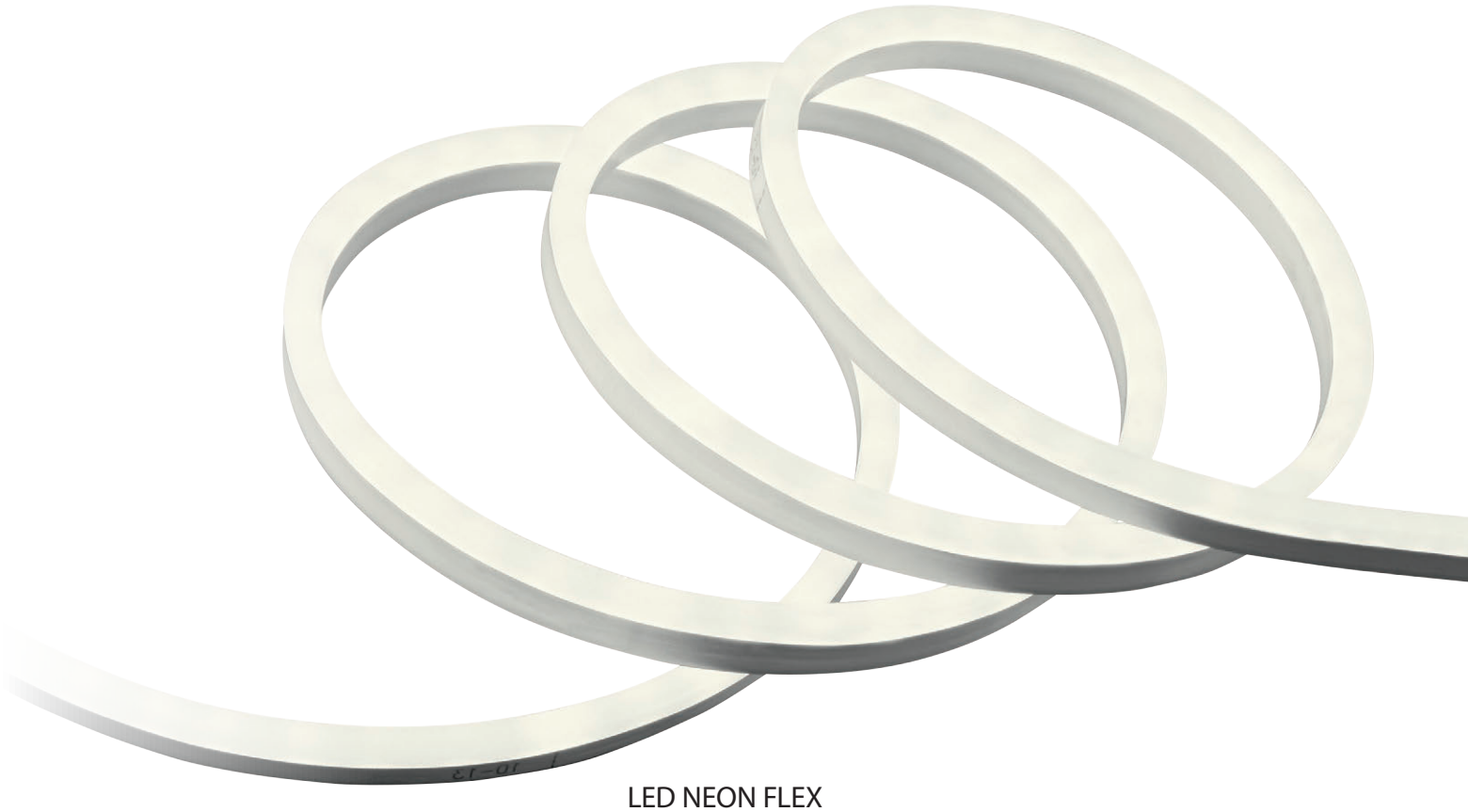


**Imput Voltage:** 100-240VAC, 50/60Hz | **Output Voltage:** 5V 1A | **Charging time:** 6h | **Discharging time:** 10-12h

All LED bases are equipped with remote control and charger German type

RoHS COMPLIANT CE 2+0 standard +extended 2 YEAR TOTAL WARRANTY

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# LED NEON FLEX

99LED950
99LED951















## LED NEON FLEX

| Catalogue number | Product category | Watts / meter | Colour temp. (K) | Colour of light | Protection rating | Packing (m) | Width (mm) | Height (mm) | Packing/Box (pcs) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|
| **99LED950** | C | 12W/M | 2700-3000 | warm white | IP 65 | 10 | 10 | 16 | 10/500 | A++→A |
| **99LED951** | C | 12W/M | 6000-6500 | cold white | IP 65 | 10 | 10 | 16 | 10/500 | A++→A |
| **99LED952** | C | 12W/M | - | pink | IP 65 | 10 | 10 | 16 | 10/500 | A++→A |
| **99LED953** | C | 12W/M | 380-440 | violet | IP 65 | 10 | 10 | 16 | 10/500 | A++→A |
| **99LED954** | C | 12W/M | 520-525 | green | IP 65 | 10 | 10 | 16 | 10/500 | A++→A |
| **99LED955** | C | 12W/M | 465-470 | blue | IP 65 | 10 | 10 | 16 | 10/500 | A++→A |
| **99LED956** | C | 12W/M | 620-630 | red | IP 65 | 10 | 10 | 16 | 10/500 | A++→A |
| **99LED957** | C | 12W/M | 587-592 | yellow | IP 65 | 10 | 10 | 16 | 10/500 | A++→A |
| **99LED958** | C | 12W/M | - | RGB | IP 65 | 10 | 10 | 19.5 | 10/500 | A++→A |




Luminous efficiency: 18-20 lm/LED, mark cut 1m.




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CAPS FOR LED NEON FLEX
99ACC73



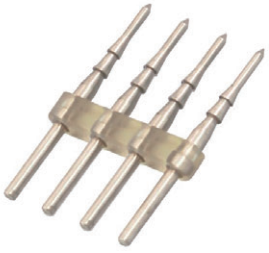
POWER CABLE FOR LED RGB NEON FLEX
99ACC77



FIXING BRACKED FOR LED NEON FLEX
99ACC72



POWER CABLE FOR LED NEON FLEX
99ACC76



CONNECTOR FOR RGB COLOR LED NEON FLEX
99ACC75

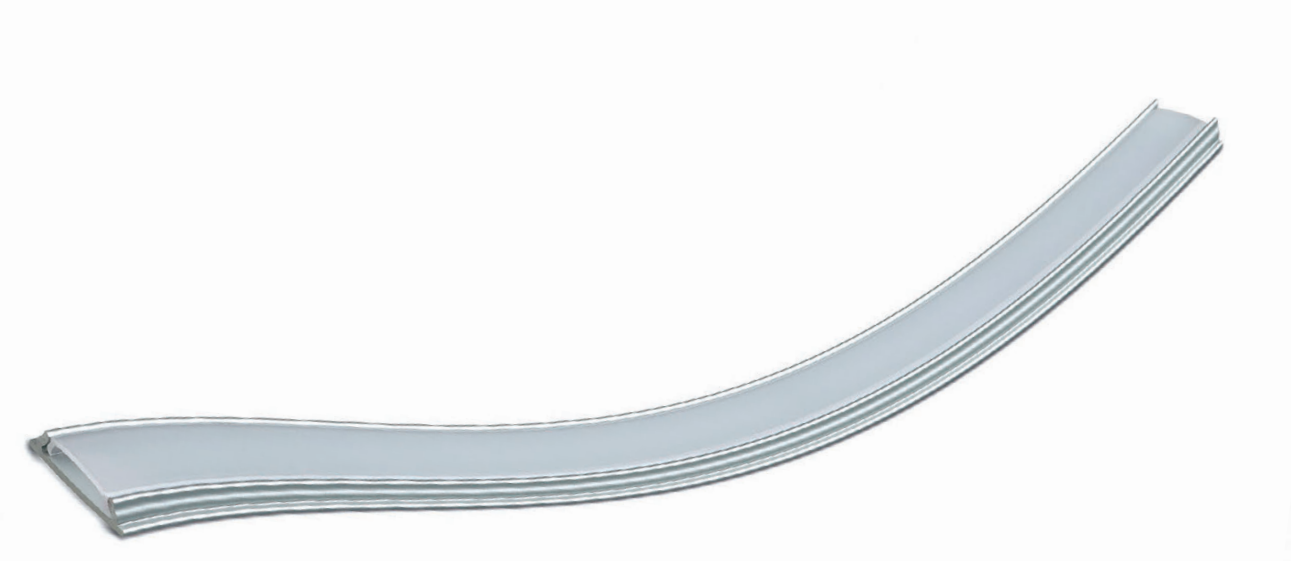


CONNECTOR FOR SINGLE COLOR LED NEON FLEX
99ACC74

## ACCESSORIES FOR LED NEON FLEX

| Catalogue number | Product category | Model | Packing/Box (pcs) |
|---|---|---|---|
| **99ACC72** | C | Fixing bracked for Led Neon Flex | 0/500 |
| **99ACC73** | C | Caps for Led Neon Flex | 1/500 |
| **99ACC74** | C | Connector for single color Led Neon Flex | 0/500 |
| **99ACC75** | C | Connector for RGB color Led Neon Flex | 0/500 |
| **99ACC76** | C | Power cable for Led Neon Flex | 0/500 |
| **99ACC77** | C | Power cable for Led RGB Neon Flex | 0/500 |

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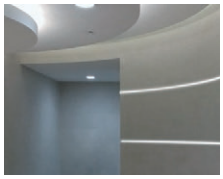
FLEXIBLE ALUMINIUM PROFILE
99ACC07FL



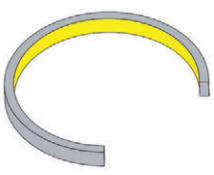
**IP20**

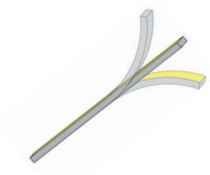
## FLEXIBLE ALUMINIUM PROFILE FOR LED STRIPS & ACCESSORIES

| Catalogue number | Product category | Model | Description | Length (m) | Dimension A (mm) | Dimension B (mm) | Dimension C (mm) | Packing/Box (pcs) |
|---|---|---|---|---|---|---|---|---|
| **99ACC07FL** | C | ELM6063/1-1000 | LED profile | 2 | 13.8 | 19 | 5 | 1/1 |
| **99ACC78** | C | ELM6063/1-connector | Fixing bracket | | | | | 1/1 |
| **99ACC51** | C | Suspension wire | Suspension wire without console | | | | | 1/1 |









99ACC51



99ACC78



RoHS COMPLIANT CE

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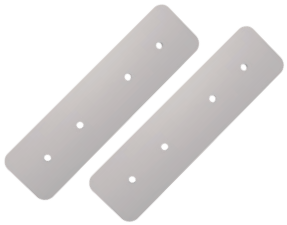
DP61
99ACC61



DP62
99ACC62



DP63
99ACC63



DP64
99ACC64



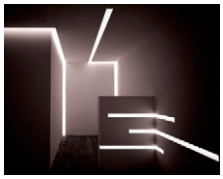
DP65
99ACC65

**IP20**

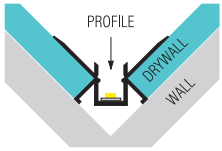
## LED PROFILES FOR DRYWALL

| Catalogue number | Product category | Model | Description | Length (m) | Dimension A (mm) | Dimension B (mm) | Dimension C (mm) | Packing/Box (pcs) |
|---|---|---|---|---|---|---|---|---|
| **99ACC61** | C | DP61 | Inside corner aluminum LED profile for recessed mounting in drywal | 2 | 9.7 | 12.1 | 10 | 1/50 |
| **99ACC62** | C | DP62 | Outside corner aluminum LED profile for recessed mounting in drywal | 2 | 9.7 | - | 10 | 1/20 |
| **99ACC63** | C | DP63 | Aluminum LED profile for recessed mounting in drywall | 2 | 19.04 | 27.76 | 12.2 | 1/25 |
| **99ACC65** | C | DP65 | Aluminum LED profile for recessed mounting in drywall | 2 | 28.58 | 36.91 | 12.2 | 1/21 |
| **99ACC64** | C | DP64 | Connectors for aluminum LED profiles DP63 and DP65 | - | - | - | - | 1/21 |

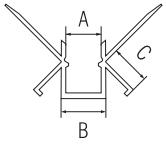
Frosted PC cover with high light transparency | Aluminium Extrusion 2mm with Acid Sand Oxidation treatment on the surface | No mechanical line



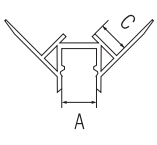
Montage



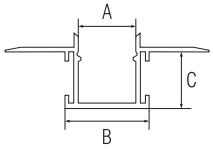

99ACC61



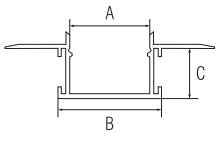

99ACC62




99ACC63




99ACC65




RoHS COMPLIANT CE

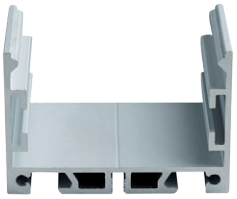
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DP67
99ACC67



DP66
99ACC66



DP70
99ACC70



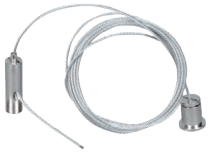
DP68
99ACC68



DP69
99ACC69



OUTSIDE CLIP
99ACC71



SUSPENSION WIRE
99ACC54

**IP20**

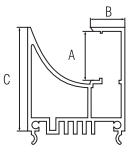
## LED PROFILES

| Catalogue number | Product category | Model | Description | Length (m) | Dimension A (mm) | Dimension B (mm) | Dimension C (mm) | Packing/Box (pcs) |
|---|---|---|---|---|---|---|---|---|
| **99ACC66** | C | DP66 | Base profile | 2 | 40.1 | 50 | 35 | 1/32 |
| **99ACC67** | C | DP67 | Replaceable profile for mounting on DP66 or DP70 | 2 | 19.04 | 17.74 | 40 | 1/132 |
| **99ACC68** | C | DP68 | End cap | - | - | - | - | 1/200 |
| **99ACC69** | C | DP69 | Connectors for aluminum LED profiles DP66 and DP70 | - | - | - | - | 1/50 |
| **99ACC70** | C | DP70 | Fixing bracket for aluminum LED profiles DP67 | - | - | - | - | 1/25 |
| **99ACC71** | C | DP71 | Outside Clip for suspension wire and LED profiles DP66 and DP70 | - | - | - | - | 1/50 |
| **99ACC54** | C | | Installation Suspension Wire for LED profile | - | - | - | - | 1/1 |

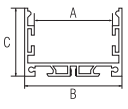
Frosted PC cover with high light transparency | Aluminium Extrusion 2mm with Acid Sand Oxidation treatment on the surface | No mechanical line

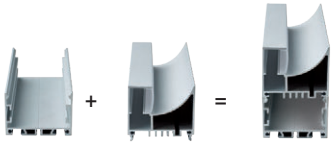


99ACC67




99ACC66



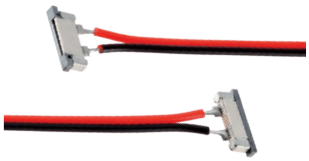




RoHS CE

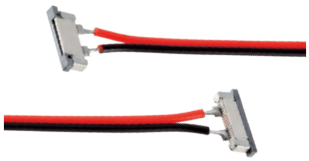
***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



ACC01 Silicone clips for LED strip.
99ACC01



ACC02 One colour LED strip connector, 150mm cable
99ACC02



ACC021 CONNECTOR FOR 8mm ONE COLOR LED STRIP, 150mm cable
99ACC021



ACC02 One colour LED strip connector, 150mm cable
99ACC03



ACC05 One colour LED strip connector.
99ACC05



ACC051 CONNECTOR FOR 8mm ONE COLOR LED STRIP.
99ACC051



ACC06 RGB LED strip connector.
99ACC06



Female connector with cable 15cm, white
99ACC19



4pin connector with cable 20cm, white
99ACC20



FRONT CAPS for LED strip
SMD3528 IP65
99LED450



FRONT CAPS for LED strip
SMD5050 IP65
99LED452



FRONT CAPS for RGB LED strip
SMD5050 IP65
99LED454



END CAPS for LED strip
SMD3528 IP65
99LED451



END CAPS for LED strip
SMD5050 IP65
99LED453



END CAPS for RGB LED strip
SMD5050 IP65
99LED455

RoHS CE

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ELM718/1
99ACC07
99ACC08



ELM718/2
99ACC11
99ACC12



ELM9012
99ACC14
99ACC15



PVC END CAP
99ACC16



FIXING BRACKET
99ACC17



PVC END CAP
99ACC13



PVC END CAP
99ACC09



FIXING BRACKET
99ACC10

**IP20**

## PROFILES AND ACCESSOIRES FOR LED STRIP

| Catalogue number | Product category | Model | | Width (mm) | Height (mm) | Packing/Box (pcs) |
|---|---|---|---|---|---|---|
| **99ACC07** | C | ELM718/1-1000 | Aluminium profile for LED strip with matt PVC cover-1m | 15 | 6 | 1/50 |
| **99ACC08** | C | ELM718/1-2000 | Aluminium profile for LED strip with matt PVC cover-2m | 15 | 6 | 1/50 |
| **99ACC09** | C | ELM718/1-end cap | PVC end cap | - | - | 1/400 |
| **99ACC10** | C | ELM718/1-connector | Fixing bracket | - | - | 1/1000 |
| **99ACC11** | C | ELM718/2-1000 | Aluminium profile for LED strip with matt PVC cover-1m | 15 | 6 | 1/50 |
| **99ACC12** | C | ELM718/2-2000 | Aluminium profile for LED strip with matt PVC cover-2m | 15 | 6 | 1/50 |
| **99ACC13** | C | ELM718/2-end cap | PVC end cap | - | - | 1/1000 |
| **99ACC14** | C | ELM9012/2-1000 | Aluminium profile for LED strip with matt PVC cover-1m | 16 | 16 | 1/50 |
| **99ACC15** | C | ELM9012/2-2000 | Aluminium profile for LED strip with matt PVC cover-2m | 16 | 16 | 1/50 |
| **99ACC16** | C | ELM9012/2-end cap | PVC end cap | - | - | 1/1000 |
| **99ACC17** | C | ELM9012/1-connector | Fixing bracket | - | - | 1/1500 |

RoHS COMPLIANT CE

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ELM6220/1
99ACC23



ELM6220/2
99ACC26



ELM950/1
99ACC28



ELM950/2
99ACC31





PVC END CAP
99ACC24
99ACC27



PVC END CAP
99ACC32
99ACC29



FIXING BRACKET
99ACC30



FIXING BRACKET
99ACC25

**IP20**

## PROFILES AND ACCESSOIRES FOR LED STRIP

| Catalogue number | Product category | Model | | Width (mm) | Height (mm) | Packing/Box (pcs) |
|---|---|---|---|---|---|---|
| **99ACC23** | C | ELM6220/1-1000 | Aluminium profile for LED strip with matt PVC cover-1m | 23,8 | 6 | 1/50 |
| **99ACC24** | C | ELM6220/1-end cap | PVC end cap | - | - | 1/500 |
| **99ACC25** | C | ELM6220/1-connector | Fixing bracket | - | - | 400 |
| **99ACC26** | C | ELM6220/2-1000 | Aluminium profile for LED strip with matt PVC cover-1m | 23,8 | 6 | 1/50 |
| **99ACC27** | C | ELM6220/2-end cap | PVC end cap | - | - | 1/500 |
| **99ACC31** | C | ELM950/2-1000 | Aluminium profile for LED strip with matt PVC cover-1m | 49,2 | 6 | 1/1 |
| **99ACC32** | C | ELM950/2-end cap | PVC end cap | - | - | 1/500 |
| **99ACC28** | C | ELM950/1-1000 | Aluminium profile for LED strip with matt PVC cover-1m | 56,6 | 6 | 1/20 |
| **99ACC29** | C | ELM950/1-end cap | PVC end cap | - | - | 1/500 |
| **99ACC30** | C | ELM950/1-connector | Fixing bracket | - | - | 1/150 |

RoHS COMPLIANT CE

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24 KEY
IR CONTROLLER
99RGBCR3




4 KEY
RF CONTROLLER
99RGBCONTROL




24 KEY
IR CONTROLLER
99RGBCONTROL1



RGBW 4 WAYS
CONTROLER
99RGB4W



**IP20**

## CONTROLLERS FOR RGB/RGBW STRIPS

| Catalogue number | Product category | Model | Current (A) | Voltage (V) | Length (mm) | Width (mm) | Height (mm) | Packing/ Box (pcs) |
|---|---|---|---|---|---|---|---|---|
| **99RGBCONTROL** | C | RGB controller 7 stationary colours and 4 dynamic modes with regulation | 4A (each channel) | 12-24V DC | 128 | 64 | 25 | 1/100 |
| **99RGB4W** | C | RGBW 4 ways controler with 20 automatical changing modes to choose | 4A (each channel) | 12-24V DC | 110 | 52 | 20 | 1/50 |
| **99RGBCR3** | C | RGB controller 16 stationary colour and 4 dynamic modes with regulation | 4A (each channel) | 12-24V DC | 128 | 64 | 25 | 1/50 |
| **99RGBCONTROL1** | C | RGB controller 16 stationary colour and 4 dynamic modes with regulation | 2A (each channel) | 12V DC | 60 | 35 | 25 | 1/100 |

IP 20 RoHS COMPLIANT EMC CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY

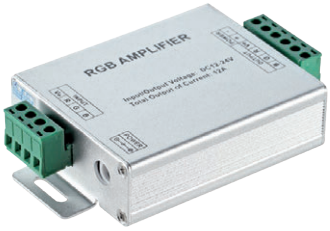
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Wireless Mini Single color controller
99LEDDIMMER1




Wireless Mini RGB controller
99LEDDIMMER2




RGB AMPLIFIER
99RGBAMPLIFIER




44 KEY IR CONTROLLER
99RGBCONTROL2

**IP20**

## POWER SUPPLIES AND CONTROLS

| Catalogue number | Product category | Model | Current (A) | Voltage (V) | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) |
|---|---|---|---|---|---|---|---|---|
| **99RGBCONTROL2** | C | RGB controller 20 stationary colour and 6 dynamic modes with regulation and RGB mixer mode. | 2A (each channel) | 12V DC | 60 | 35 | 25 | 1/50 |
| **99RGBAMPLIFIER** | C | RGB AMPLIFIER | 4A (each channel) | 12-24V DC | 107 | 65 | 25 | 1/100 |
| **99LEDDIMMER1** | C | Wireless Mini Single color controller | 5A | 5-24V DC | 40 | 12 | 5 | 1/250 |
| **99LEDDIMMER2** | C | Wireless Mini RGB controller | 3x2A | 5-24V DC | 40 | 12 | 5 | 1/250 |

99LEDDIMMER1 - **10-level** Dimmer; **Auto Save Function; Output power:** 5V<30W; 12V<72W

99LEDDIMMER2 - **Shortcuts:** Directly switch to 100%, 80%, 60%, 40%, 20% or 10% of full brightness; **Output power:** 5V<60W; 12V<144W

IP 20 RoHS EMC CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY

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# 48V MW VOLTAGE DRIVERS FOR MAGNET TRACK LIGHT

99SETDCMW100/IP20
99SETDCMW200/IP20



**IP20** **48V DC**

## 48V MW VOLTAGE DRIVERS FOR MAGNET TRACK LIGHT

| Catalogue number | Product category | Model | Watt (W) | IP code | Voltage Uin / Uout | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) |
|---|---|---|---|---|---|---|---|---|---|
| **99SETDCMW100/IP20** | C | SETDC100 | 100 | IP20 | 230V AC / 48V DC | 159 | 97 | 38 | 1 |
| **99SETDCMW200/IP20** | C | SETDC200 | 200 | IP20 | 230V AC / 48V DC | 215 | 115 | 50 | 1 |

RoHS COMPLIANT EMC CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY

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SETDC CONSTANT VOLTAGE DRIVERS
99SETDC12PVC
99SETDC24PVC



SETDC CONSTANT VOLTAGE DRIVERS
99SETDC15IP20
99SETDC36IP20
99SETDC60IP20
99SETDC100IP20
99SETDC150IP20
99SETDC200IP20
99SETDC250IP20
99SETDC360IP20



SETDC CONSTANT VOLTAGE DRIVERS
99SETDC30IP67
99SETDC60IP67
99SETDC100IP67
99SETDC150IP67
99SETDC200IP67

**IP20** **IP67** **12V DC**

## SETDC CONSTANT ELMARK VOLTAGE DRIVERS FOR LED

| Catalogue number | Product category | Model | Watt (W) | IP code | Voltage Uin / Uout | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) |
|---|---|---|---|---|---|---|---|---|---|
| **99SETDC12PVC** | C | SETDC12PVC | 12 | IP20 | 230V AC / 12V DC | 90 | 48 | 34 | 1/50 |
| **99SETDC24PVC** | C | SETDC24PVC | 24 | IP20 | 230V AC / 12V DC | 115 | 48 | 34 | 1/100 |
| **99SETDC15IP20** | C | SETDC15 | 15 | IP20 | 230V AC / 12V DC | 70 | 39 | 31 | 1/250 |
| **99SETDC36IP20** | C | SETDC36 | 36 | IP20 | 230V AC / 12V DC | 85 | 58 | 38 | 1/100 |
| **99SETDC60IP20** | C | SETDC60 | 60 | IP20 | 230V AC / 12V DC | 110 | 78 | 38 | 1/50 |
| **99SETDC100IP20** | C | SEDC100 | 100 | IP20 | 230V AC / 12V DC | 159 | 98 | 38 | 1/24 |
| **99SETDC150IP20** | C | SETDC150 | 150 | IP20 | 230V AC / 12V DC | 199 | 98 | 38 | 1/28 |
| **99SETDC200IP20** | C | SETDC200 | 200 | IP20 | 230V AC / 12V DC | 200 | 110 | 50 | 1/24 |
| **99SETDC250IP20** | C | SETDC250 | 250 | IP20 | 230V AC / 12V DC | 200 | 110 | 50 | 1/24 |
| **99SETDC360IP20** | C | SETDC360 | 360 | IP20 | 230V AC / 12V DC | 200 | 110 | 50 | 1/24 |
| **99SETDC30IP67** | C | SETDC30I | 30 | IP67 | 230V AC / 12V DC | 200 | 30 | 20 | 1/60 |
| **99SETDC60IP67** | C | SETDC60I | 60 | IP67 | 230V AC / 12V DC | 178 | 68 | 34 | 1/20 |
| **99SETDC100IP67** | C | SETDC100I | 100 | IP67 | 230V AC / 12V DC | 250 | 72 | 45 | 1/10 |
| **99SETDC150IP67** | C | SETDC150I | 150 | IP67 | 230V AC / 12V DC | 250 | 128 | 60 | 1/10 |
| **99SETDC200IP67** | C | SETDC200I | 200 | IP67 | 230V AC / 12V DC | 200 | 120 | 53 | 1/5 |

RoHS COMPLIANT EMC CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY

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XSET12DC CONSTANT STELLAR VOLTAGE DRIVERS
9XSETDC150IP20



XSET12DC CONSTANT STELLAR VOLTAGE DRIVERS
9XSETDC60IP20
9XSETDC120IP20



**IP20** **12V DC**

## XSET12DC CONSTANT STELLAR VOLTAGE DRIVERS FOR LED

| Catalogue number | Product category | Model | Watt (W) | IP code | Voltage Uin / Uout | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) |
|---|---|---|---|---|---|---|---|---|---|
| **9XSETDC60IP20** | C | XSETDC60 | 60 | IP20 | 176/264V AC - 12V DC | 150 | 40 | 33 | 1/100 |
| **9XSETDC120IP20** | C | XSETDC120 | 120 | IP20 | 176/264V AC - 12V DC | 188 | 47 | 36 | 1/50 |
| **9XSETDC150IP20** | C | XSETDC150 | 150 | IP20 | 176/264V AC - 12V DC | 199 | 98 | 42 | 1/28 |

RoHS COMPLIANT EMC CE 2+0 standard +extended 2 YEAR TOTAL WARRANTY

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STELLAR SET24DC CONSTANT VOLTAGE DRIVERS



**IP20** **24V DC**

## STELLAR SETDC 24V CONSTANT VOLTAGE DRIVERS IP20/66

| Catalogue number | Product category | Model | Watt (W) | IP code | Voltage Uin / Uout | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) |
|---|---|---|---|---|---|---|---|---|---|
| **99XSETDC6024IP20** | C | XSET24DC60 | 60 | 20 | AC180-240V - 24V DC | 110 | 78 | 36 | 1/50 |
| **99XSETDC10024IP20** | C | XSET24DC100 | 100 | 20 | AC180-240V - 24V DC | 130 | 98 | 42 | 1/50 |
| **99XSETDC15024IP20** | C | XSET24DC150 | 150 | 20 | AC180-240V - 24V DC | 160 | 98 | 50 | 1/40 |

RoHS COMPLIANT EMC CE 2+0 standard +extended 2 YEAR TOTAL WARRANTY

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## SET24DC CONSTANT VOLTAGE DRIVERS IP20

99SETDC2524IP20
99SETDC6024IP20
99SETDC10024IP20
99SETDC15024IP20



## SET24DC CONSTANT VOLTAGE DRIVERS IP66

99SETDC6024IP66
99SETDC10024IP66
99SETDC15024IP66



**IP20** **IP66** **24V DC**

## SETDC 24V CONSTANT VOLTAGE DRIVERS IP20/66

| Catalogue number | Product category | Model | Watt (W) | IP code | Voltage Uin / Uout | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) |
|---|---|---|---|---|---|---|---|---|---|
| **99SETDC2524IP20** | C | SET24DC25 | 25 | 20 | AC180-240V - 24V DC | 85 | 58 | 38 | 1/100 |
| **99SETDC6024IP20** | C | SET24DC60 | 60 | 20 | AC180-240V - 24V DC | 104 | 82 | 30 | 1/90 |
| **99SETDC10024IP20** | C | SET24DC100 | 100 | 20 | AC180-240V - 24V DC | 137 | 97 | 30 | 1/75 |
| **99SETDC15024IP20** | C | SET24DC150 | 150 | 20 | AC180-240V - 24V DC | 164 | 97 | 30 | 1/45 |
| **99SETDC6024IP66** | C | SET24DC60 | 60 | 66 | AC100-240V - 24V DC | 180 | 56 | 34 | 1/20 |
| **99SETDC10024IP66** | C | SET24DC100 | 100 | 66 | AC100-240V - 24V DC | 210 | 72 | 42 | 1/20 |
| **99SETDC15024IP66** | C | SET24DC150 | 150 | 66 | AC100-240V - 24V DC | 210 | 112 | 56 | 1/8 |

RoHS COMPLIANT EMC CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY

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SETDC 12V / 24V CONSTANT VOLTAGE
TRIAC DIMMABLE DRIVERS IP20



SETDC 12V / 24V CONSTANT VOLTAGE
TRIAC DIMMABLE DRIVERS IP66

**IP20** **IP66** **12V DC** DIMMABLE

## SETDC CONSTANT VOLTAGE TRIAC DIMMABLE DRIVERS

| Catalogue number | Product category | Model | Watt (W) | Output Voltage (V DC) | IP code | Voltage Uin / Uout | Length (mm) | Width (mm) | Height (mm) | Packing/ Box (pcs) |
|---|---|---|---|---|---|---|---|---|---|---|
| **99SETDC6012IP20D** | C | SET12DC60D | 60 | 12 | 20 | AC180-240V - 12V DC | 128 | 98 | 35 | 1/30 |
| **99SETDC10012IP20D** | C | SET12DC100D | 100 | 12 | 20 | AC180-240V - 12V DC | 160 | 98 | 38 | 1/25 |
| **99SETDC15012IP20D** | C | SET12DC150D | 150 | 12 | 20 | AC180-240V - 12V DC | 198 | 110 | 50 | 1/20 |
| **99SETDC6012IP66D** | C | SET12DC60D | 60 | 12 | 66 | AC100-240V - 12V DC | 210 | 70 | 40 | 1/30 |
| **99SETDC10012IP66D** | C | SET12DC100D | 100 | 12 | 66 | AC100-240V - 12V DC | 210 | 70 | 40 | 1/25 |

**IP20** **IP66** **24V DC** DIMMABLE

## SETDC CONSTANT VOLTAGE TRIAC DIMMABLE DRIVERS

| Catalogue number | Product category | Model | Watt (W) | Output Voltage (V DC) | IP code | Voltage Uin / Uout | Length (mm) | Width (mm) | Height (mm) | Packing/ Box (pcs) |
|---|---|---|---|---|---|---|---|---|---|---|
| **99SETDC6024IP20D** | C | SET24DC60D | 60 | 24 | 20 | AC180-240V - 24V DC | 128 | 98 | 35 | 1/30 |
| **99SETDC10024IP20D** | C | SET24DC100D | 100 | 24 | 20 | AC180-240V - 24V DC | 160 | 98 | 38 | 1/25 |
| **99SETDC15024IP20D** | C | SET24DC150D | 150 | 24 | 20 | AC180-240V - 24V DC | 198 | 110 | 50 | 1/20 |
| **99SETDC6024IP66D** | C | SET24DC60D | 60 | 24 | 66 | AC100-240V - 24V DC | 210 | 70 | 40 | 1/30 |
| **99SETDC10024IP66D** | C | SET24DC100D | 100 | 24 | 66 | AC100-240V - 24V DC | 210 | 70 | 40 | 1/25 |

RoHS COMPLIANT EMC CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***




ELMARK POWER SUPPLIES FOR LED PANELS




SET 12V/24V
CONSTANT VOLTAGE DRIVERS IP67

**IP20** **IP67** **12V DC** **24V DC**

## ELMARK POWER SUPPLIES FOR LED PANELS / DRIVERS

| Catalogue number | Product category | Dimmable | Watt (W) | Input voltage (V) | Output voltage (V) | Output current (mA) | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) |
|---|---|---|---|---|---|---|---|---|---|---|
| **99DRIVERPN6** | C | No | 6W | 220-240V | 12-25V DC | 300mA | 68 | 33 | 22 | 1/200 |
| **99DRIVERPN12** | C | No | 12W | 220-240V | 24-50V DC | 300mA | 89 | 38 | 22 | 1/200 |
| **99DRIVERPN18** | C | No | 18W | 220-240V | 36-75V DC | 300mA | 89 | 38 | 22 | 1/200 |
| **99DRIVERPN24** | C | No | 24W | 220-240V | 50-84V DC | 300mA | 89 | 38 | 22 | 1/200 |
| **99DRIVERPN40** | C | No | 40W | 220-240V | 30-42V DC | 1000mA | 142 | 42 | 30 | 1/20 |
| **99DRIVERPN48D** | C | Yes | 48W | 220-240V | 30-42V DC | 1050mA | 140 | 48 | 30 | 1/20 |
| **99SETDC1224TIP67** | C | No | 24W | AC180-240V | 12V DC | | 266 | 20 | 22 | 1/50 |
| **99SETDC1248TIP67** | C | No | 48W | AC180-240V | 12V DC | | 285 | 20 | 22 | 1/50 |
| **99SETDC2424TIP67** | C | No | 24W | AC180-240V | 24V DC | | 266 | 20 | 22 | 1/50 |
| **99SETDC2448TIP67** | C | No | 48W | AC180-240V | 24V DC | | 285 | 20 | 22 | 1/50 |

* output DC female connector

~230V 50/60 Hz EMC CE 2+1 standard +extended 3 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



MAGNETIC BALLAST FOR COMPACT FLUORESCENT LAMPS (TC-D)
990153008



ELECTRONIC BALLAST FOR FLUORESCENT LAMPS



MAGNETIC BALLAST FOR FLUORESCENT LAMPS - TYPE T8
990153818



**IP20**

UNTIL SUPPLY LAST

## POWER SUPPLIES

| Catalogue number | Product category | Model | Watt (W) | Current (A) | cos φ | Uinput | Uoutput | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **990153818** | F | BALLAST 18W | 1X18W | 0,370 | 0.32 | 230VAC | 230VAC | 155 | 41 | 32 | 1/50 |
| **990153008** | F | BALLAST | 18 | 0,220 | 0.48 | 230VAC | 230VAC | 105 | 41 | 26 | 1/50 |
| **99EB0218** | F | EB218 | 2X18 | T8 | - | - | - | 274 | 27 | 27 | 1/50 |
| **99EB0418** | F | EB418 | 4X18 | T8 | - | - | - | 330 | 33 | 29 | 1/50 |
| **99EB0114** | F | EB114 | 1X14 | T5 | - | - | - | 274 | 27 | 27 | 1/50 |
| **99EB0214** | F | EB214 | 2X14 | T5 | - | - | - | 250 | 25 | 25 | 1/50 |
| **99EB0128** | F | EB128 | 1X28 | T5 | - | - | - | 274 | 27 | 27 | 1/50 |
| **99EB0228** | F | EB228 | 2X28 | T5 | - | - | - | 250 | 25 | 25 | 1/50 |
| **99EB0135** | F | EB135 | 1X35 | T5 | - | - | - | 320 | 30 | 27 | 1/50 |

~230V 50Hz EEI=B2 CE 2+0 standard +extended 2 YEAR TOTAL WARRANTY



# POWER SUPPLY
# for LED bulbs 12V

99DRIVER12
99DRIVER18
99DRIVER24
99DRIVER36



**IP20**

## POWER SUPPLIES

| Catalogue number | Product category | Model | Watt (W) | Current (A) | Uinput | Uoutput | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) |
|---|---|---|---|---|---|---|---|---|---|---|
| **99DRIVER12** | C | SETDC12 | 12 | 1 | 230VAC | 12V DC | 80 | 32 | 22 | 1/250 |
| **99DRIVER18** | C | SETDC18 | 18 | 1,5 | 230VAC | 12V DC | 95 | 45 | 28 | 1/100 |
| **99DRIVER24** | C | SETDC24 | 24 | 2 | 230VAC | 12V DC | 115 | 45 | 28 | 1/100 |
| **99DRIVER36** | C | SETDC36 | 36 | 2 | 230VAC | 12V DC | 140 | 45 | 28 | 1/100 |

~230V 50Hz EEI=B2 CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY



ELECTRONIC BALLAST FOR FLUORESCENT LAMPS - TYPE PLC4P

99EB0213PL
99EB0218PL



MAGNETIC BALLAST STELLAR FOR FL LAMP T8

990118W
990136W



MAGNETIC BALLAST STELLAR FOR PLC2P LAMP

9913142
9913143



**IP20**

UNTIL SUPPLY LAST

## POWER SUPPLIES

| Catalogue number | Product category | Model | Watt (W) | Lamp type | Voltage | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) |
|---|---|---|---|---|---|---|---|---|---|
| **9913142** | F | BALLAST | 18 | PLC2P | 230V AC | 155 | 42 | 28 | 1/1 |
| **9913143** | F | BALLAST | 36 | PLC2P | 230V AC | 155 | 42 | 28 | 1/1 |
| **99EB0213PL** | F | EB213PL | 2X13W | PLC4P | 230V AC | 103 | 67 | 30 | 1/100 |
| **99EB0218PL** | F | EB218PL | 2X18W | PLC4P | 230V AC | 103 | 67 | 30 | 1/100 |
| **990118W** | F | BALLAST | 18 | EST 3F-T8 | 230V AC | 160 | 43 | 30 | 1/1 |
| **990136W** | F | BALLAST | 36 | EST 3F-T8 | 230V AC | 160 | 43 | 30 | 1/1 |

~230V 50Hz EEI=B2 CE 2+0 standard +extended 2 YEAR TOTAL WARRANTY



LAMP HOLDER
99292



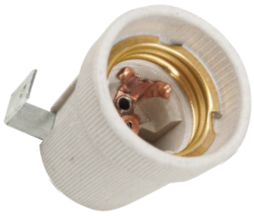
LAMP HOLDER E14
99296



LAMP HOLDER E40
99298



LAMP HOLDER E27
99294



LAMP HOLDER E27 with support
99295



LAMP HOLDER
99293



**IP20**

## LAMP HOLDERS

| Catalogue number | Product category | Lamp | Length of the cable: | Material | Diameter (mm) | Height (mm) | Length (mm) | Packing/Box (pcs) |
|---|---|---|---|---|---|---|---|---|
| **99292** | C | GU 10 | 140 mm | ceramic | 27 | 16 | - | 1/1000 |
| **99293** | C | G 4 / G 5.3 / GY 6.35 | 90 mm | ceramic | 16 | 10 | - | 1/2000 |
| **99296** | C | E 14 | - | ceramic | 33 | 20 | 44 | 1/400 |
| **99298** | C | E 40 | - | ceramic | 56 | 23 | 72 | 1/100 |
| **99294** | C | E 27 | - | ceramic | 42 | - | 48 | 1/400 |
| **99295** | C | E 27 | - | ceramic | - | - | 48 | 1/400 |

RoHS COMPLIANT CE

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LAMP BASE
99199



LAMP BASE
99200



TWIN SOCKET LAMP HOLDER
99198



LAMP HOLDER ADAPTORS TO E27
192168



LAMP HOLDER ADAPTORS TO E27
192169

**IP20**

## LAMP BASES / TWIN SOCKET LAMP HOLDER / ADAPTORS

| Catalogue number | Product category | Type | Lamp | Rated current | Material | Diameter (mm) | Length (mm) | Section of power supply conductors | Packing/Box (pcs) |
|---|---|---|---|---|---|---|---|---|---|
| **99199** | C | straight | E27 | 4A | PET | 63 | 40 | 0.5-2.5mm² | 1/250 |
| **99200** | C | oblique | E27 | 4A | PET | 78 | 38 | 0.5-2.5mm² | 1/250 |
| **99198** | C | E27-2xE27 | E27 | 4A | Iron + PBT | 76 | 74 | 0.5-2.5mm² | 1/300 |
| **192168** | C | E40/E27 | E27 | 4A | iron/plastic | 78 | 45 | 0.5-2.5mm² | 15/500 |
| **192169** | C | G24/E27 | E27 | 4A | PBT+ copper | 78 | 50 | 0.5-2.5mm² | 25/300 |

RoHS COMPLIANT CE

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HANGING LAMP HOLDER
99194



HANGING LAMP HOLDER
99195



HANGING LAMP HOLDER
99196



HANGING LAMP HOLDER
99197



**IP20**

## HANGING LAMP HOLDERS

| Catalogue number | Product category | Type | Lamp | Material | Diameter (mm) | Length (mm) | Section of power supply conductors | Packing/Box (pcs) |
|---|---|---|---|---|---|---|---|---|
| **99194** | C | screwless | E14 | plastic | 44 | 56,3 | 0.5-2.5mm$^2$ | 1/500 |
| **99195** | C | screwless | E27 | plastic | 55 | 62,5 | 0.5-2.5mm$^2$ | 1/200 |
| **99196** | C | screw | E27 | bakelite | 38.5 | 55 | 0.5-2.5mm$^2$ | 1/250 |
| **99197** | C | screw | E27 | bakelite | 38.5 | 55 | 0.5-2.5mm$^2$ | 1/200 |

RoHS COMPLIANT CE

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



CABLE CONNECTOR IP68
31072



TERMINAL BOX IP44
31071



TERMINAL BOX IP65
31070



**IP44** **IP65** **IP68**

## WATERPROOF TERMINAL CONNECTORS

| Catalogue number | Product category | Type | Material | Voltage (V) | Rated current (A) | Wiring Capacity ($mm^2$) | Packing/Box (pcs) |
|---|---|---|---|---|---|---|---|
| **31071** | C | Terminal box IP44 | Polycarbonate | 450 | 6 | 0.5-4.0 | 1/500 |
| **31070** | C | Terminal box IP65 | Polypropylene | 450 | 10 | 0.5-2.5 | 1/500 |
| **31072** | C | Cable connector IP68 | Anti UV nylon | 250 | ≤30A | 0.5-2.5 | 1/500 |

RoHS COMPLIANT CE



ST42
99DS104



ST41
99DS103



ST02A
99DS100



ST40
99DS402



ST 11
99DS403



**IP40**

## INFRARED MOTION SENSORS

| Catalogue number | Product category | Type | Detection range | Rated load | Detection distance | Colour body | Installation height | Length (mm) | Diameter 1 (mm) | Diameter 2 (mm) | Packing/Box (pcs) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **99DS402** | C | ST40 | 360° | 800W (110-130V/AC); 1200W (220-240V/AC) | max. 6m | white | - | - | - | - | 1/100 |
| **99DS403** | C | ST11 | 180° | 500W (110-130V/AC) 800W (220-240V/AC) | max. 12m | white | - | - | - | - | 1/50 |
| **99DS100** | C | ST02A | 160° | ESL/LED - 100W, IL - 500W | max. 9m | white | 1 - 1.8m | 80 | 48.5 | 24.7 | 1/100 |
| **99DS104** | C | ST42 | 360° | ESL/LED - 300W, IL - 1200W | max.6m | white | 2.2 - 4m | 75,6 | 76 | 100 | 1/50 |
| **99DS103** | C | ST41 | 360° | ESL/LED - 300W, IL - 1200W | max.6m | white | 2.2 - 4m | 75,6 | 61,5 | 76 | 1/50 |

**Time-Delay:** 10sec ± 3sec to 7min ± 2min (adjustable) | **Ambient light:** <3 - 2000lux (adjustable) | **Detection motion speed:** 0.6 - 1.5m/s

~230V 50/60 Hz F CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



INFRARED MOTION SENSOR ST24
99DS109




TOUCHING SENSOR ST125
99DS115



MICROWAVE SENSOR ST701F
99DS400



INFRARED MOTION SENSOR ST07
99DS101
99DS102



INFRARED MOTION SENSOR ST05CA
99DS110

**IP40**

## MICROWAVE / INFRARED / TOUCHING

| Catalogue number | Product category | Detection range | Rated load | Detection distance | Time-Delay | Ambient Light | Detection motion speed | Length (mm) | Width (mm) | Height (mm) | Diameter (mm) | Packing/ Box (pcs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **99DS115** | C | touch | ESL/LED - 200W, IL - 500W | - | - | - | - | 89.7 | 40.2 | 16.8 | - | 1/100 |
| **99DS400** | C | 180°/360° | ESL/LED - 200W, IL - 500W | max. 15m | 10s to 12min | <3 - 2000LUX | | 58 | 40.5 | 25.5 | - | 1/100 |
| **99DS109** | C | 120°/360° | ESL/LED - 200W, IL - 800W | max. 6m | 5s, 30s, 1,3,5,8min | 10 - 2000LUX | 0.6-1.5m/s | 55.8 | 34 | 24.6 | - | 1/100 |
| **99DS101** | C | 360° | ESL/LED - 300W, IL - 1200W | max. 6m | 10s to 7min | <3 - 2000LUX | 0.6-1.5m/s | - | - | 58 | 115 | 1/50 |
| **99DS102** | C | 360° | ESL/LED - 300W, IL - 1200W | max. 6m | 10s to 7min | <3 - 2000LUX | 0.6-1.5m/s | - | - | 58 | 115 | 1/50 |
| **99DS110** | C | 360° | ESL/LED - 300W, IL - 800W | max. 6m | 10s to 15min | <3 - 2000LUX | 0.6-1.5m/s | - | - | 24.9 | 102 | 1/50 |

~230V 50/60 Hz F CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY

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INFRARED MOTION SENSOR ST10A
99DS107



INFRARED MOTION SENSOR ST15
99DS108



**IP40**

## INFRARED MOTION SENSOR ST10A / ST15

| Catalogue number | Product category | Type | Detection range | Rated load | Detection distance | Colour body | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) |
|---|---|---|---|---|---|---|---|---|---|---|
| **99DS107** | C | ST10A | 180° | ESL - 300W, IL - 1200W | 5-12m | white | 87,4 | 120 | 144 | 1/30 |
| **99DS108** | C | ST15 | 180° | ESL/LED - 300W, IL - 1200W | max.12m | white | 80 | 117,2 | 31,5 | 1/50 |

**Time-Delay:** 10sec ± 3sec to 7min ± 2min (adjustable) | **Ambient light:** <3 - 2000lux (adjustable) | **Detection motion speed:** 0.6 - 1.5m/s | **Installation height:** 2.2 - 4m

~230V | 50/60 Hz | 3+0 standard +extended | 3 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



LIGHT-CONTROL SENSOR ST303
99DS300




LIGHT-CONTROL SENSOR ST300
99DS404



LIGHT-CONTROL SENSOR ST302
99DS301



LIGHT-CONTROL SENSORS ST306
99DS405



LIGHT-CONTROL SENSOR ST308
99DS302

**IP44** **IP65**

## LIGHT-CONTROL SENSORS

| Catalogue number | Product category | Type | Rated current | Colour body | Ambient light | Length (mm) | Width (mm) | Height (mm) | Packing/Box (pcs) |
|---|---|---|---|---|---|---|---|---|---|
| **99DS404** | C | ST300 | 10A | white | 3-500LUX(adjustable) IP44 | 35 | 70 | 108,6 | 1/50 |
| **99DS300** | C | ST303 | 25A | white | <5 - 50lux (adjustable) IP44 | 70,5 | 78,3 | - | 1/50 |
| **99DS301** | C | ST302 | 10A | white | <5 - 50lux (adjustable) IP44 | 76,7 | 63 | - | 1/100 |
| **99DS405** | C | ST306 | 6A | white | <5 - 15lux (adjustable) IP44 | 100 | 200 | - | 1/100 |
| **99DS302** | C | ST308 | 20A | white | <2 - 100lux (adjustable) IP65 | 35 | 66 | 90 | 1/100 |

99DS404 - Timer Built-in from 1-9 hours

~230V 50/60 Hz F CE 3+0 standard +extended 3 YEAR TOTAL WARRANTY

***In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.***



# LED FURNITURE & DESIGN



PEPPER
97PEPPER27/NE

LED IP65 MADE IN ITALY DIMMABLE RGBW

## RECHARGEABLE LAMP PEPPER

| Catalogue number | Product category | Type | Light source colour temp (K) | Body colour | Glowing in | Energy class |
|---|---|---|---|---|---|---|
| **97PEPPER27/NE** | D | LED lamp | 3000 | Neutral | Warm White | A+ A++→A |
| **97PEPPER64/NE** | D | LED lamp | 5500 | Neutral | Cold White | A+ A++→A |
| **97PEPPERRGB/NE** | D | LED lamp | RGBW | Neutral | RGBW | A+ A++→A |

Rechargeable LED



Remote control



Charger



All glowing products are equipped with remote control and charger German type
At our website www.elmarkholding.eu you would find a video clip showing each product lighted.
Material: Resin | Shockproof | Frost and heat resistant | UV resistant | Light source: Rechargeable LED bases | Dimensions: DxH (mm): 650x710

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.*



OSLO
97OSLO27/NE



LED IP65 MADE IN ITALY DIMMABLE RGBW

## RECHARGEABLE LAMP OSLO

| Catalogue number | Product category | Type | Light source colour temp (K) | Body colour | Glowing in | Energy class |
|---|---|---|---|---|---|---|
| **97OSLO27/NE** | D | LED lamp | 3000 | Neutral | Warm White | A+ A++>A |
| **97OSLO64/NE** | D | LED lamp | 5500 | Neutral | Cold White | A+ A++>A |
| **97OSLORGB/NE** | D | LED lamp | RGBW | Neutral | RGBW | A+ A++>A |

Rechargeable LED



Remote control



Charger



All glowing products are equipped with remote control and charger German type
At our website www.elmarkholding.eu you would find a video clip showing each product lighted.
Material: Resin | Shockproof | Frost and heat resistant | UV Resistant | Light source: Rechargeable LED bases | Dimensions: DxH (mm): 600x430

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

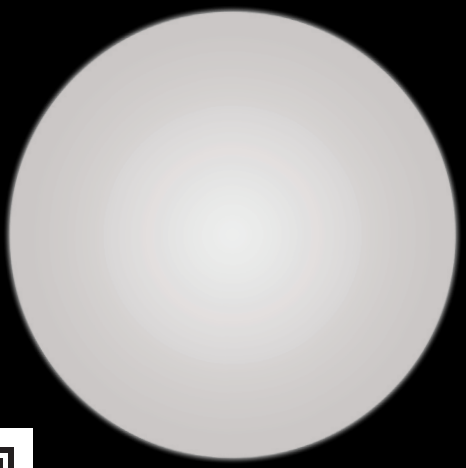
*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.*







SPHERE



BALL

LED IP54 DIMMABLE RGBW

## RECHARGEABLE LAMP BALL

| Catalogue number TYPE 30 | Product category | Catalogue number TYPE 60 | Type | Light source colour temp. (K) | Body colour | Glowing in | Energy class |
|---|---|---|---|---|---|---|---|
| **97BALL30RGB** | D | **97BALL60RGB** | **LED LAMP** | RGBW | Neutral | RGBW | A+ A++→A |

At our website www.elmarkholding.eu you would find a video clip showing each product lighted.

Material: LLDPE | All glowing products are equipped with remote control and charger German type | Light source: Rechargeable LED bases | Dimensions TYPE30: DxH(mm): 300x300; TYPE60: DxH (mm): 600x600

RoHS COMPLIANT CE 2+0 standard +extended 2 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.*

LED IP65 MADE IN ITALY DIMMABLE RGBW

## RECHARGEABLE LAMP SPHERE

| Catalogue number TYPE 30 | Product category | Catalogue number TYPE 70 | Type | Light source colour temp. (K) | Body colour | Glowing in | Energy class |
|---|---|---|---|---|---|---|---|
| **97SPHERE3027/N** | D | **97SPHERE7027/N** | **LED LAMP** | 3000 | Neutral | Warm White | A+ A++→A |
| **97SPHERE3064/N** | D | **97SPHERE7064/N** | **LED LAMP** | 5500 | Neutral | Cold White | A+ A++→A |
| **97SPHERE30RGB/N** | D | **97SPHERE70RGB/N** | **LED LAMP** | RGBW | Neutral | RGBW | A+ A++→A |

Rechargeable LED



Remote control



Charger



All glowing products are equipped with remote control and charger German type

At our website www.elmarkholding.eu you would find a video clip showing each product lighted.

Material: Resin | Shockproof | Frost and heat resistant | UV Resistant | Light source: Rechargeable LED bases | Dimensions TYPE30: DxH(mm): 300x265; TYPE70: DxH (mm): 700x680

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.*





JOUR
97JOUR27/NE

LED IP65 MADE IN ITALY DIMMABLE RGBW

## RECHARGEABLE LAMP JOUR

| Catalogue number | Product category | Type | Light source colour temp (K) | Body colour | Glowing in | Energy class |
|---|---|---|---|---|---|---|
| **97JOUR27/NE** | D | LED lamp | 3000 | Neutral | Warm White | A+ A++→A |
| **97JOUR64/NE** | D | LED lamp | 5500 | Neutral | Cold White | A+ A++→A |
| **97JOURRGB/NE** | D | LED lamp | RGBW | Neutral | RGBW | A+ A++→A |

Rechargeable LED



Remote control



Charger



All glowing products are equipped with remote control and charger German type

At our website www.elmarkholding.eu you would find a video clip showing each product lighted.
Material: Resin | Shockproof | Frost and heat resistant | UV Resistant | Light source: Rechargeable LED bases | Dimensions: LxWxH (mm): 300X300X350

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.*



TOWER
97TOWER27/NE

LED IP65 MADE IN ITALY DIMMABLE RGBW

## RECHARGEABLE LAMP TOWER

| Catalogue number | Product category | Type | Light source colour temp (K) | Body colour | Glowing in | Energy class |
|---|---|---|---|---|---|---|
| **97TOWER27/NE** | D | LED lamp | 3000 | Neutral | Warm White | A+ A++→A |
| **97TOWER64/NE** | D | LED lamp | 5500 | Neutral | Cold White | A+ A++→A |
| **97TOWERRGB/NE** | D | LED lamp | RGBW | Neutral | RGBW | A+ A++→A |

Rechargeable LED



Remote control



Charger



All glowing products are equipped with remote control and charger German type

At our website www.elmarkholding.eu you would find a video clip showing each product lighted.
Material: Resin | Shockproof | Frost and heat resistant | UV Resistant | Light source: Rechargeable LED bases | Dimensions: DxH: (mm): 330x1770

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.*







FELICE
97FELICERGB/NE

LED IP65 MADE IN ITALY DIMMABLE

## RECHARGEABLE LAMP FELICE

| Catalogue number | Product category | Type | Light source colour temp (K) | Body colour | Glowing in | Energy class |
|---|---|---|---|---|---|---|
| **97FELICERGB/NE** | D | LED lamp | RGBW | Neutral | RGBW | A+ A++→A |

Rechargeable LED



Remote control



Charger

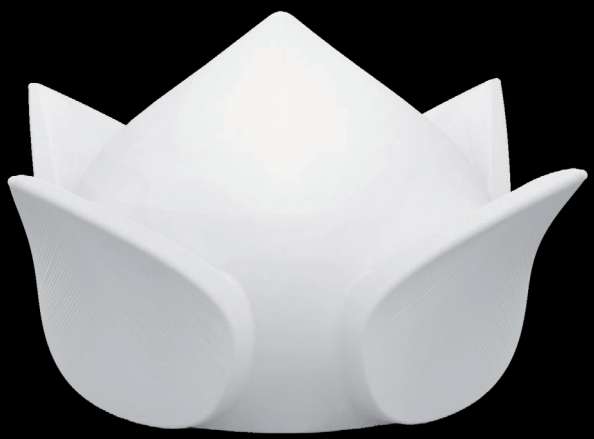


All glowing products are equipped with remote control and charger German type

At our website www.elmarkholding.eu you would find a video clip showing each product lighted.
Material: Resin | Shockproof | Frost and heat resistant | UV Resistant | Light source: Rechargeable LED bases | Dimensions: DxH: (mm): 450x1540

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.*



SHANGHAI
97SHANGHAI27/NE



LED IP65 MADE IN ITALY DIMMABLE RGBW

## RECHARGEABLE LAMP SHANGHAI

| Catalogue number | Product category | Type | Light source colour temp (K) | Body colour | Glowing in | Energy class |
|---|---|---|---|---|---|---|
| **97SHANGHAI27/NE** | D | LED lamp | 3000 | Neutral | Warm White | A+ A++>A |
| **97SHANGHAI64/NE** | D | LED lamp | 5500 | Neutral | Cold White | A+ A++>A |
| **97SHANGHAIRGB/NE** | D | LED lamp | RGBW | Neutral | RGBW | A+ A++>A |

Rechargeable LED



Remote control



Charger



All glowing products are equipped with remote control and charger German type

At our website www.elmarkholding.eu you would find a video clip showing each product lighted.
Material: Resin | Shockproof | Frost and heat resistant | UV Resistant | Light source: Rechargeable LED bases | Dimensions: DxH (mm): 430x230

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.*



BOCCA
97BOCCARGB/NE

LED IP65 MADE IN ITALY DIMMABLE

## RECHARGEABLE WALL LAMP BOCCA

| Catalogue number | Product category | Type | Light source colour temp (K) | Body colour | Glowing in | Energy class |
|---|---|---|---|---|---|---|
| **97BOCCARGB/NE** | D | LED wall lamp | RGBW | Neutral | RGBW | A+ A++→A |

Rechargeable LED



Remote control



Charger



All glowing products are equipped with remote control and charger German type

At our website www.elmarkholding.eu you would find a video clip showing each product lighted.
Material: Resin | Shockproof | Frost and heat resistant | UV Resistant | Light source: Rechargeable LED bases | Dimensions: LxWxH (mm): 400x85x400

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.*



ICE ROCK
97ICEROCK27/NE

LED IP65 MADE IN ITALY DIMMABLE RGBW

## RECHARGEABLE LAMP/CONTAINER ICE ROCK

| Catalogue number | Product category | Type | Light source colour temp (K) | Body colour | Glowing in | Energy class |
|---|---|---|---|---|---|---|
| **97ICEROCK27/NE** | D | LED lamp/ container | 3000 | Neutral | Warm White | A+ A++→A |
| **97ICEROCK64/NE** | D | LED lamp/ container | 5500 | Neutral | Cold White | A+ A++→A |
| **97ICEROCKRGB/NE** | D | LED lamp/ container | RGBW | Neutral | RGBW | A+ A++→A |

Rechargeable LED



Remote control



Charger



All glowing products are equipped with remote control and charger German type

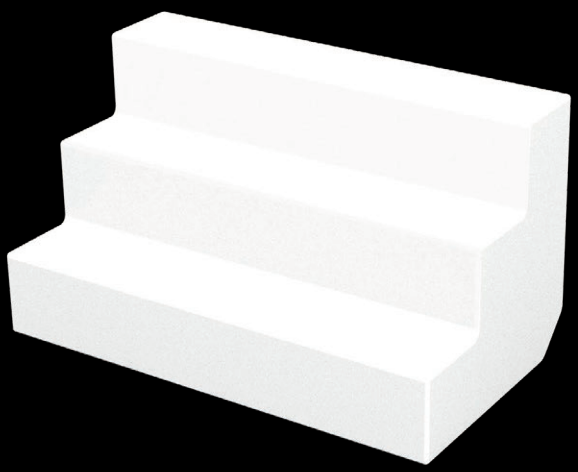
At our website www.elmarkholding.eu you would find a video clip showing each product lighted.
Material: Resin | Shockproof | Frost and heat resistant | UV Resistant | Light source: Rechargeable LED bases | Dimensions: LxWxH: (mm): 580x430x500

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.*


GOSSET
Champagne
GOSSET
BELLAVISTA
ROSÉ





STAIRS
97STAIRS27/NE

LED IP65 MADE IN ITALY DIMMABLE RGBW

## RECHARGEABLE BOTTLES DISPLAY UNIT STAIRS

| Catalogue number | Product category | Type | Light source colour temp (K) | Body colour | Glowing in | Energy class |
|---|---|---|---|---|---|---|
| **97STAIRS27/NE** | D | LED bottles display unit | 3000 | Neutral | Warm White | A+ A++→A |
| **97STAIRS64/NE** | D | LED bottles display unit | 5500 | Neutral | Cold White | A+ A++→A |
| **97STAIRSRGB/NE** | D | LED bottles display unit | RGBW | Neutral | RGBW | A+ A++→A |

Rechargeable LED



Remote control



Charger



All glowing products are equipped with remote control and charger German type

At our website www.elmarkholding.eu you would find a video clip showing each product lighted.
Material: Resin | Shockproof | Frost and heat resistant | UV Resistant | Light source: Rechargeable LED bases | Dimensions: LxWxH (mm): 600X340X340

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.*



MALLORCA WORKSTATION
CORNER
97MALLORCAC27/N



# MALLORCA WORKSTATION

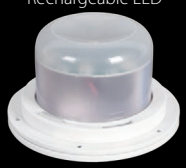
97MALLORCA27/N

LED IP65 MADE IN ITALY DIMMABLE RGBW

## RECHARGEABLE BAR MALLORCA

| Catalogue number WORKSTATION | Product category | Catalogue number CORNER | Light source colour temp. (K) | Body colour | Glowing in | Energy class |
|---|---|---|---|---|---|---|
| **97MALLORCA27/N** | D | **97MALLORCAC27/N** | 3000 | Neutral | Warm White | A+ A++→A |
| **97MALLORCA64/N** | D | **97MALLORCAC64/N** | 5500 | Neutral | Cold White | A+ A++→A |
| **97MALLORCARGB/N** | D | **97MALLORCACRGB/N** | RGBW | Neutral | RGBW | A+ A++→A |

Rechargeable LED



Remote control



Charger



All glowing products are equipped with remote control and charger German type

At our website www.elmarkholding.eu you would find a video clip showing each product lighted.

Material: Resin | Shockproof | Frost and heat resistant | UV Resistant

Light source: Rechargeable LED bases

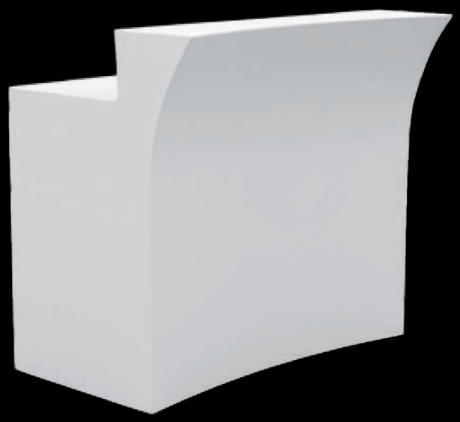
Dimensions WORKSTATION: LxWxH (mm): 1700x920x1100; CORNER WORKSTATION: LxWxH (mm): 1810x800x1100





RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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BALI
97BALIRGB/NE



LED IP65 MADE IN ITALY DIMMABLE

## RECHARGEABLE BAR BALI

| Catalogue number | Product category | Type | Light source colour temp (K) | Body colour | Glowing in | Energy class |
|---|---|---|---|---|---|---|
| **97BALIRGB/NE** | D | LED bar | RGBW | Neutral | RGBW | A+ A+→A |

Rechargeable LED



Remote control



Charger



All glowing products are equipped with remote control and charger German type

At our website www.elmarkholding.eu you would find a video clip showing each product lighted.
Material: Resin | Shockproof | Frost and heat resistant | UV Resistant | Light source: Rechargeable LED bases | Dimensions: LxWxH (mm): 1200x1100x800

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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SPUMA
Clementine





LAGOS
97LAGOS/BI



IP65 MADE IN ITALY

## LAGOS

| Catalogue number<br>BAR STOOL - Without Light | Product category | Type | Light source colour temp. (K) | Body colour | Glowing in |
|---|---|---|---|---|---|
| **97LAGOS/BI** | D | Stool | Without | White | Not illuminated |
| **97LAGOS/70** | D | Stool | Without | Cherry | Not illuminated |
| **97LAGOS/78** | D | Stool | Without | Turtle-dove | Not illuminated |
| **97LAGOS/84** | D | Stool | Without | Anise | Not illuminated |
| **97LAGOS/89** | D | Stool | Without | Turquoise | Not illuminated |

Material: Resin | Shockproof | Frost and heat resistant | UV Resistant | Dimensions: DxWxH (mm): 400x470x750

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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MALAGA
97MALAGA27/NE

LED IP65 MADE IN ITALY DIMMABLE RGBW

## RECHARGEABLE TABLE MALAGA

| Catalogue number | Product category | Type | Light source colour temp (K) | Body colour | Glowing in | Energy class |
|---|---|---|---|---|---|---|
| **97MALAGA27/NE** | D | LED table | 3000 | Neutral | Warm White | A+ A++⇨A |
| **97MALAGA64/NE** | D | LED table | 5500 | Neutral | Cold White | A+ A++⇨A |
| **97MALAGARGB/NE** | D | LED table | RGBW | Neutral | RGBW | A+ A++⇨A |

Rechargeable LED



Remote control



Charger



All glowing products are equipped with remote control and charger German type
At our website www.elmarkholding.eu you would find a video clip showing each product lighted.
Material: Resin | Shockproof | Frost and heat resistant | UV Resistant | Light source: Rechargeable LED bases | Dimensions: DxH (mm): 670x1100 | PMMA included

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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FAIRTRADE
COMERCIO JUSTO
CAFÉ



# BERMUDA

97BERMUDARGB/NE

LED IP65 MADE IN ITALY DIMMABLE

## RECHARGEABLE TABLE BERMUDA

| Catalogue number | Product category | Type | Light source colour temp (K) | Body colour | Glowing in | Energy class |
|---|---|---|---|---|---|---|
| **97BERMUDARGB/NE** | D | LED table | RGBW | Neutral | RGBW | A+ A++→A |

Rechargeable LED



Remote control



Charger



All glowing products are equipped with remote control and charger German type

At our website www.elmarkholding.eu you would find a video clip showing each product lighted.

Material: Resin | Shockproof | Frost and heat resistant | UV Resistant | Light source: Rechargeable LED bases | Dimensions: DxH (mm): 800x740 | PMMA included

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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IBIZA
97IBIZARGB/NE



LED IP65 MADE IN ITALY DIMMABLE

## RECHARGEABLE TABLE IBIZA

| Catalogue number | Product category | Type | Light source colour temp (K) | Body colour | Glowing in | Energy class |
|---|---|---|---|---|---|---|
| **97IBIZARGB/NE** | D | LED table | RGBW | Neutral | RGBW | A+ A+→A |

Rechargeable LED



Remote control



Charger



All glowing products are equipped with remote control and charger German type

At our website www.elmarkholding.eu you would find a video clip showing each product lighted.
Material: Resin | Shockproof | Frost and heat resistant | UV Resistant | Light source: Rechargeable LED bases | Dimensions: DxH: (mm): 600x1140 | PMMA included

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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JEWEL 60 IP65
97JEWEL27/NE



JEWEL 40 IP65
97JEWEL4027/N



KUBO IP54
97KUBORGB/N

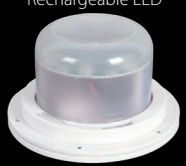


LED IP54 IP65 MADE IN ITALY DIMMABLE RGBW

## RECHARGEABLE TABLES JEWEL & KUBO*

| Catalogue number TYPE JEWEL40 | Product category | Catalogue number TYPE JEWEL60 | Catalogue number TYPE KUBO | Type | Light source colour temp (K) | Body colour | Glowing in | Energy class |
|---|---|---|---|---|---|---|---|---|
| **97JEWEL4027/NE** | D | **97JEWEL27/NE** | | LED table | 3000 | Neutral | Warm White | A+ A++⇒A |
| **97JEWEL4064/NE** | D | **97JEWEL64/NE** | | LED table | 5500 | Neutral | Cold White | A+ A++⇒A |
| **97JEWEL40RGB/NE** | D | **97JEWELRGB/NE** | **97KUBORGB/N** | LED table | RGBW | Neutral | RGBW | A+ A++⇒A |

Rechargeable LED



Remote control



Charger



All glowing products are equipped with remote control and charger German type

At our website www.elmarkholding.eu you would find a video clip showing each product lighted.
Material: JEWEL: Resin KUBO: LLDPE | Shockproof | Frost and heat resistant | UV Resistant | Light source: Rechargeable LED bases
Dimensions LxWxH (mm): KUBO: 400x400x380; JEWEL40: 400x400x400; JEWEL60: 600x600x600

* Year Total Warranty: 2+0

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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VARNA
97VARNARGB/NE



LED IP65 MADE IN ITALY DIMMABLE

## RECHARGEABLE TABLE VARNA

| Catalogue number | Product category | Type | Light source colour temp (K) | Body colour | Glowing in | Energy class |
|---|---|---|---|---|---|---|
| **97VARNARGB/NE** | D | LED Table | RGBW | Neutral | RGBW | A+ A++→A |

Rechargeable LED



Remote control



Charger

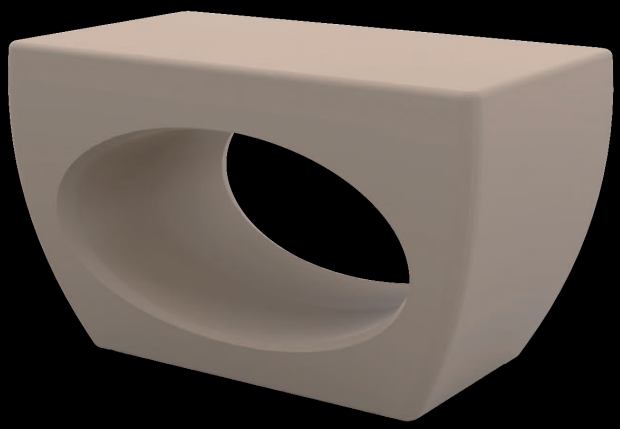


All glowing products are equipped with remote control and charger German type

At our website www.elmarkholding.eu you would find a video clip showing each product lighted.
Material: Resin | Shockproof | Frost and heat resistant | UV Resistant | Light source: Rechargeable LED bases | Dimensions: DxH (mm): 600x740

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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BORNEO
97BORNEO/BI



IP65 MADE IN ITALY

## BORNEO

| Catalogue number | Product category | Type | Light source colour temp (K) | Body colour | Glowing in |
|---|---|---|---|---|---|
| **97BORNEO/BI** | D | Table | Without | White | Not illuminated |
| **97BORNEO/70** | D | Table | Without | Cherry | Not illuminated |
| **97BORNEO/78** | D | Table | Without | Turtle-dove | Not illuminated |
| **97BORNEO/84** | D | Table | Without | Anise | Not illuminated |
| **97BORNEO/89** | D | Table | Without | Turquoise | Not illuminated |

Material: Resin | Shockproof | Frost and heat resistant | UV Resistant | Dimensions: LxWxH (mm): 400x85x400

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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SALERNO
97SALERNOS27/NE



SALERNO
97SALERNO27/NE



LED | IP65 | MADE IN ITALY | DIMMABLE RGBW

## RECHARGEABLE SOFA & ARMCHAIR SALERNO

| Catalogue number SOFA | Product category | Catalogue number ARMCHAIR | Light source colour temp (K) | Body colour | Glowing in | Energy class |
|---|---|---|---|---|---|---|
| **97SALERNOS27/NE** | D | **97SALERNO27/NE** | 3000 | Neutral | Warm White | A+ A++→A |
| **97SALERNOS64/NE** | D | **97SALERNO64/NE** | 5500 | Neutral | Cold White | A+ A++→A |
| **97SALERNOSRGB/NE** | D | **97SALERNORGB/NE** | RGBW | Neutral | RGBW | A+ A++→A |

Rechargeable LED



Remote control



Charger



All glowing products are equipped with remote control and charger German type

At our website www.elmarkholding.eu you would find a video clip showing each product lighted.
Material: Resin | Shockproof | Frost and heat resistant | UV Resistant | Light source: Rechargeable LED bases | Dimensions: LxWxH (mm): 1590x830x800

RoHS COMPLIANT | CE | 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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LISBOA
97LISBOA27/NE



LED IP65 MADE IN ITALY DIMMABLE RGBW

## RECHARGEABLE LED ARMCHAIR LISBOA

| Catalogue number | Product category | Type | Light source colour temp (K) | Body colour | Glowing in | Energy class |
|---|---|---|---|---|---|---|
| **97LISBOA27/NE** | D | LED Armchair | 3000 | Neutral | Warm White | A+ A++→A |
| **97LISBOA64/NE** | D | LED Armchair | 5500 | Neutral | Cold White | A+ A++→A |
| **97LISBOARGB/NE** | D | LED Armchair | RGBW | Neutral | RGBW | A+ A++→A |

Rechargeable LED



Remote control



Charger



All glowing products are equipped with remote control and charger German type

At our website www.elmarkholding.eu you would find a video clip showing each product lighted.
Material: Resin | Shockproof | Frost and heat resistant | UV Resistant | Light source: Rechargeable LED bases | Dimensions: LxWxH (mm): 740X700X800

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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# CANCUN

97CANCUN27/NE

LED IP65 MADE IN ITALY DIMMABLE RGBW

## RECHARGEABLE PYLON CANCUN

| Catalogue number | Product category | Type | Light source colour temp (K) | Body colour | Glowing in | Energy class |
|---|---|---|---|---|---|---|
| **97CANCUN27/NE** | D | LED pylon | 3000 | Neutral | Warm White | A+ A++→A |
| **97CANCUN64/NE** | D | LED pylon | 5500 | Neutral | Cold White | A+ A++→A |
| **97CANCUNRGB/NE** | D | LED pylon | RGBW | Neutral | RGBW | A+ A++→A |

Rechargeable LED



Remote control



Charger

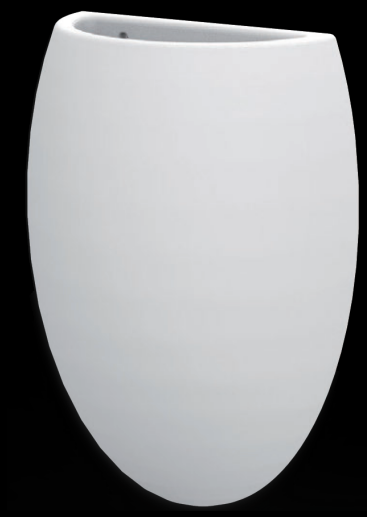


All glowing products are equipped with remote control and charger German type

At our website www.elmarkholding.eu you would find a video clip showing each product lighted.
Material: Resin | Shockproof | Frost and heat resistant | UV Resistant | Light source: Rechargeable LED bases | Dimensions: DxH: (mm): 400X600

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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GENEVA
97GENEVA27/NE



LED IP65 MADE IN ITALY DIMMABLE RGBW

## RECHARGEABLE FLOWER POT GENEVA

| Catalogue number | Product category | Type | Light source colour temp (K) | Body colour | Glowing in | Energy class |
|---|---|---|---|---|---|---|
| **97GENEVA27/NE** | D | LED flower pot | 3000 | Neutral | Warm White | A+ A++→A |
| **97GENEVA64/NE** | D | LED flower pot | 5500 | Neutral | Cold White | A+ A++→A |
| **97GENEVARGB/NE** | D | LED flower pot | RGBW | Neutral | RGBW | A+ A++→A |

Rechargeable LED



Remote control



Charger



All glowing products are equipped with remote control and charger German type

At our website www.elmarkholding.eu you would find a video clip showing each product lighted.
Material: Resin | Shockproof | Frost and heat resistant | UV Resistant | Light source: Rechargeable LED bases | Dimensions: DxH: (mm): 400X600

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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NICE
97NICE10527/N

LED IP65 MADE IN ITALY DIMMABLE RGBW

## RECHARGEABLE FLOWER POT NICE

| Catalogue number TYPE 65 | Product category | Type | Light source colour temp. (K) | Body colour | Glowing in | Energy class |
|---|---|---|---|---|---|---|
| **97NICE10527/N** | D | **LED flower pot** | 3000 | Neutral | Warm White | A+ A++→A |
| **97NICE10564/N** | D | **LED flower pot** | 5500 | Neutral | Cold White | A+ A++→A |
| **97NICE105RGB/N** | D | **LED flower pot** | RGBW | Neutral | RGBW | A+ A++→A |

Rechargeable LED



Remote control



Charger



All glowing products are equipped with remote control and charger German type
At our website www.elmarkholding.eu you would find a video clip showing each product lighted.
Material: Resin |Shockproof | Frost and heat resistant | UV Resistant | Inside pot not included | Light source: Rechargeable LED bases | Dimensions : LxWxH (mm): 500x500x1050

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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SYDNEY
97SYDNEY27/N

LED IP65 MADE IN ITALY DIMMABLE RGBW

## RECHARGEABLE FLOWER POT SYDNEY

| Catalogue number TYPE 65 | Product category | Type | Light source colour temp. (K) | Body colour | Glowing in | Energy class |
|---|---|---|---|---|---|---|
| **97SYDNEY27/N** | D | **LED flower pot** | 3000 | Neutral | Warm White | A+ A++→A |
| **97SYDNEY64/N** | D | **LED flower pot** | 5500 | Neutral | Cold White | A+ A++→A |
| **97SYDNEYRGB/N** | D | **LED flower pot** | RGBW | Neutral | RGBW | A+ A++→A |

Rechargeable LED



Remote control



Charger



All glowing products are equipped with remote control and charger German type
At our website www.elmarkholding.eu you would find a video clip showing each product lighted.
Material: Resin |Shockproof | Frost and heat resistant | UV Resistant| Inside pot not included | Light source: Rechargeable LED bases | Dimensions DxH (mm): 510x1050

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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BERN
97BERN27/N



LED IP65 MADE IN ITALY DIMMABLE RGBW

## RECHARGEABLE FLOWER POT BERN

| Catalogue number TYPE 65 | Product category | Type | Light source colour temp. (K) | Body colour | Glowing in | Energy class |
|---|---|---|---|---|---|---|
| **97BERN27/N** | D | **LED flower pot** | 3000 | Neutral | Warm White | A+ A++→A |
| **97BERN64/N** | D | **LED flower pot** | 5500 | Neutral | Cold White | A+ A++→A |
| **97BERNRGB/N** | D | **LED flower pot** | RGBW | Neutral | RGBW | A+ A++→A |

Rechargeable LED



Remote control



Charger



All glowing products are equipped with remote control and charger German type
At our website www.elmarkholding.eu you would find a video clip showing each product lighted.
Material: Resin | Shockproof | Frost and heat resistant | UV Resistant | Inside pot not included | Light source: Rechargeable LED bases | Dimensions LxWxH (mm): 500x500x480

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

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## FLORENCE
97FLORENCE27/N



LED IP65 MADE IN ITALY DIMMABLE RGBW

## RECHARGEABLE FLOWER POT FLORENCE

| Catalogue number TYPE 65 | Product category | Type | Light source colour temp. (K) | Body colour | Glowing in | Energy class |
|---|---|---|---|---|---|---|
| **97FLORENCE27/N** | D | **LED flower pot** | 3000 | Neutral | Warm White | A+ A++→A |
| **97FLORENCE64/N** | D | **LED flower pot** | 5500 | Neutral | Cold White | A+ A++→A |
| **97FLORENCERGB/N** | D | **LED flower pot** | RGBW | Neutral | RGBW | A+ A++→A |

Rechargeable LED



Remote control



Charger



All glowing products are equipped with remote control and charger German type

At our website www.elmarkholding.eu you would find a video clip showing each product lighted.

Material: Resin | Shockproof | Frost and heat resistant | UV Resistant | Inside pot not included | Light source: Rechargeable LED bases | Dimensions DxH (mm): 650x700

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.*



SIENA
97SIENA27/NE



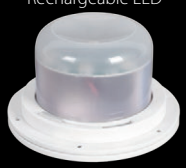
ELBA
97ELBA27/NE

LED IP65 MADE IN ITALY DIMMABLE RGBW

## RECHARGEABLE FLOWER POTS SIENA & ELBA

| Catalogue number SIENA | Product category | Catalogue number ELBA | Type | Light source colour temp (K) | Body colour | Glowing in | Energy class |
|---|---|---|---|---|---|---|---|
| **97SIENA27/NE** | D | **97ELBA27/NE** | **LED flower pot** | 3000 | Neutral | Warm White | A+ A++→A |
| **97SIENA64/NE** | D | **97ELBA64/NE** | **LED flower pot** | 5500 | Neutral | Cold White | A+ A++→A |
| **97SIENARGB/NE** | D | **97ELBARGB/NE** | **LED flower pot** | RGBW | Neutral | RGBW | A+ A++→A |

Rechargeable LED



Remote control



Charger



All glowing products are equipped with remote control and charger German type

At our website www.elmarkholding.eu you would find a video clip showing each product lighted.
Material: Resin | Shockproof | Frost and heat resistant | UV Resistant | Light source: Rechargeable LED bases | Dimensions SIENA: LxWxH (mm): 740x780x610 | Dimensions ELBA: LxWxH (mm): 570x330x610

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.*


HOME



LUGANO
97LUGANO27/NE



LUSON
97LUSON27/NE

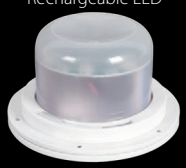


LED IP65 MADE IN ITALY DIMMABLE RGBW

## RECHARGEABLE FLOWER POTS LUGANO & LUSON

| Catalogue number LUGANO | Product category | Catalogue number LUSON | Type | Light source colour temp (K) | Body colour | Glowing in | Energy class |
|---|---|---|---|---|---|---|---|
| **97LUGANO27/NE** | D | **97LUSON27/NE** | LED flower pot | 3000 | Neutral | Warm White | A+ A++⇒A |
| **97LUGANO64/NE** | D | **97LUSON64/NE** | LED flower pot | 5500 | Neutral | Cold White | A+ A++⇒A |
| **97LUGANORGB/NE** | D | **97LUSONRGB/NE** | LED flower pot | RGBW | Neutral | RGBW | A+ A++⇒A |

Rechargeable LED



Remote control



Charger



All glowing products are equipped with remote control and charger German type

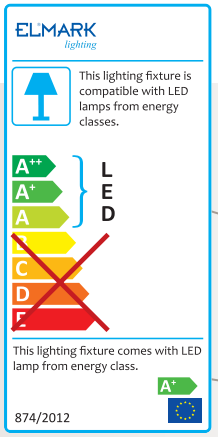
At our website www.elmarkholding.eu you would find a video clip showing each product lighted.
Material: Resin | Shockproof | Frost and heat resistant | UV Resistant | Light source: Rechargeable LED bases | Dimensions LUSON: LxWxH (mm): 900x290x770 | Dimensions LUGANO: LxWxH (mm): 610x280x770

RoHS COMPLIANT CE 3+2 standard +extended 5 YEAR TOTAL WARRANTY

*In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.*

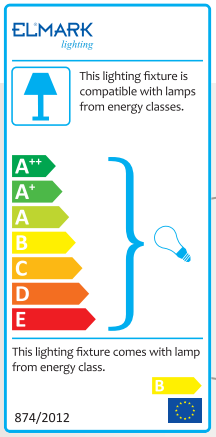


# ENERGY EFFICIENCY LABELS



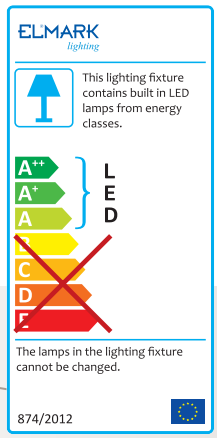

The information in brackets at the centre of the label indicates which lamps may be used for the luminaire. In this case, the product is only compatible with lamps with an energy efficiency rating of better than B.

If lamps are included with the luminaire, their energy classes are indicated at the bottom of the label.

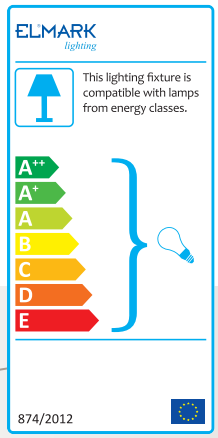



The information in brackets at the centre of the label indicates which lamps (which EEI) may be used for the luminaire. In this case, the product is compatible with lamps with all energy efficiency ratings.

If lamps are included with the luminaire, their energy classes are indicated at the bottom of the label.




This label indicates that the luminaire is sold with built-in LED lamps that cannot be replaced by the consumer himself.




This label indicates that no lamps are included with the luminaire. Consumers are free to choose their preferred lamp within the indicated energy classes.

# INDICATES, WHICH LAMPS MAY BE USED FOR THE LUMINAIRE.



## A++→A

The product is compatible with LED boards with energy efficiency - A... A++. The Luminaire contains highly efficient LED boards (cannot be replaced by the end consumer)

## A+ A++→A

The product is compatible with LED boards with an energy efficiency rating - A...A++. The Luminaire contains highly efficient lamp A+.

## A A++→E

The product is compatible with lamps with an energy efficiency rating - E... A++.
The Luminaire contains highly efficient lamp A.

## B A++→B

The product is compatible with lamps with an energy efficiency rating - B... A++.
The Luminaire contains highly efficient lamp B.

## A++→B

The product is compatible with lamps with an energy efficiency rating - B... A++.

## A++→C

The product is compatible with lamps with an energy efficiency rating - C... A++.

## A++→D

The product is compatible with lamps with an energy efficiency rating - D... A++.

## A++→E

The product is compatible with lamps with an energy efficiency rating - E... A++.

## A++ A+ A

incl. efficient LED lamps

## B C

incl. efficient fluorescent lamps

## D E

incl. halogen lamps

# HOW TO USE OUR CATALOGUE



VEGA

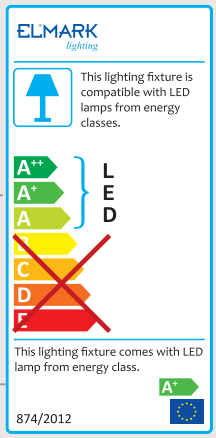
410

AREA LIGHTING

## VEGA

| Catalogue number | Model | Watt (W) | Lamp | Whole fixture lumens (lm) | Colour temp. (K) | Socket | Colour body | Length (mm) | Width (mm) | Height (mm) | Energy class |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 989007LED | VEGA J-78 | 5.5 | LED | 440 | 4000 | R7s | white | 200 | 145 | 120 | A+ A++-A |
| 989010LED | VEGA J-118 | 7.5 | LED | 700 | 4000 | R7s | white | 250 | 210 | 230 | A+ A++-A |
| 989009LED | VEGAJ-78 | 5.5 | LED | 440 | 4000 | R7s | grey | 200 | 145 | 120 | A+ A++-A |
| 989012LED | VEGA J-118 | 7.5 | LED | 700 | 4000 | R7s | grey | 260 | 210 | 230 | A+ A++-A |
| 989008LED | VEGAJ-78 | 5.5 | LED | 440 | 4000 | R7s | black | 200 | 145 | 120 | A+ A++-A |
| 989011LED | VEGA J-118 | 7.5 | LED | 700 | 4000 | R7s | black | 250 | 210 | 230 | A+ A++-A |
| 989017LED | VEGA J-78 with sensor | 5.5 | LED | 440 | 4000 | R7s | white | 210 | 145 | 120 | A+ A++-A |
| 989019LED | VEGA J-118 with sensor | 7.5 | LED | 700 | 4000 | R7s | white | 260 | 210 | 230 | A+ A++-A |
| 989018LED | VEGA J-78 with sensor | 5.5 | LED | 440 | 4000 | R7s | grey | 210 | 145 | 120 | A+ A++-A |

incl. highly efficient LED lamps from energy class A+
This luminaire can be used with lamps from the indicated energy classes.






LED PEAR

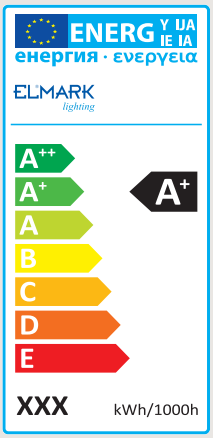
303

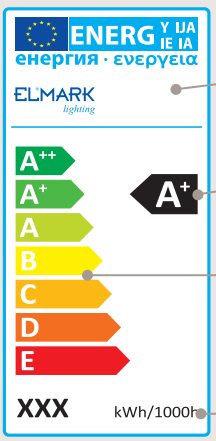
LAMPS

## LED PEAR

| Catalogue number | Watt (W) | LED lamp lumens (lm) | Colour temp. (K) | Colour of light | Beam angle | Length (mm) | Diameter (mm) | Energy class |
|---|---|---|---|---|---|---|---|---|
| 99LED588 | 12 | 960 | 4000 | white | 240° | 127 | 67 | A+ |
| 99LED587 | 12 | 960 | 2700 | warm white | 240° | 127 | 67 | A+ |
| 99LED582 | 12 | 960 | 4000 | white | 180° | 127 | 67 | A+ |
| 99LED581 | 12 | 960 | 2700 | warm white | 180° | 127 | 67 | A+ |
| 99LED721 | 15 | 1200 | 4000 | white | 180° | 153 | 80 | A+ |
| 99LED722 | 15 | 1200 | 2700 | warm white | 180° | 153 | 80 | A+ |

Energy efficiency labels




Supplier's name or trade mark
Supplier's model identifier

Energy efficiency class of the appliance

Coloured arrows are used to differentiate energy efficient from less energy efficient products: dark green indicates a highly efficient product and red a low efficiency product.

Annual energy consumption in kWh

# SYMBOLS USED IN THE CATALOGUE

## Protection class

The protection class indicates to what extent the lamp is protected against electric shock. All lamps in this catalogue are at least protected with the protection class 1 - a higher class is specified in the information box of the respective lamp.

protection class 1:
protective earthing

protection class 2:
protective insulation

protection class 3:
protective low voltage

## Protection rating

The protection rating ensures the operational safety of luminaires. The first number specifies the extent of the protection against the ingress of foreign bodies; the second number identifies the humidity protection grade. All luminaires in this catalogue are at least protected with the rating IP20 – a higher rating is specified in the information box of the luminaire.

IP 20 IP 21 IP 30 IP 44
IP 54 IP 64 IP 65 IP 67

## Beam angle

The beam angle describes the „light cone" emitted by a directional illuminant. It corresponds to the angle at which the luminous intensity is 50% of the centre beam intensity. An illuminant is called directional if at least 80% of its light output is within a cone with an angle of 120°.

36° 60° 90° 120°
160° 180° 300° 120° SENSOR

## Average lifetime

The average lifetime of illuminants describes the time after which 50% of a number of illuminants has failed. For LED illuminants, the average lifetime is defined by a lumen maintenance of 70%.

30000h Average lifetime

## Colour rendering index

Colour rendering index (CRI) is a measure of a light source's ability to show object colours "realistically" or "naturally". Can take values from 0 to 100.

Ra>70 Ra>80 Ra≥80 Ra≥82

## Dimmable

Light sources labelled as "dimmable" can be dimmed with a suitable commercially available dimmer. The dimmable range for LED might be restricted. If the sign is crossed the illuminant is not dimmable.

Dimmable Non-dimmable

## Warm-up time (60 %) (s)

Time for warming the lamp up to 60% of its full luminous flux (if the time is less than 1 second, it can be indicated as „instant full light").

INITIAL LIGHT < 0,05 s
INITIAL LIGHT < 2 s

## Number of switches

Number of commutations until the untimely failure of lamp.

10000 >100000 >10000

## Mercury content

The content of Mercury in the lamp. If there is Mercury, this is shown as follows <X.X mg.

Hg < X.X mg

## SMD LED

SMD is a type of LED module that use Surface mount technology (SMT) to mount LED chips on printed circuit boards (PCB). SMD LED modules are widely used for backlighting, home illumination, shop-windows, advertising, automobile interior lighting, Christmas lights etc.

SMD SMD 3014 SMD 3528 SMD 5050

## COB LED

COB (Chips on Board) , is a new technology of LED packaging for LED light engine. Multi LED chips are packaged together as one lighting module. When it light up, it looks like a lighting panel.

COB COB BRACKET Type of diode

## High power LED

HIGH POWER LED - a certain number of single diodes with small power - usually 1W, connected in a specific way, and mounted in one body covered by optics (lens). They are used in light sources and lighting fixtures with small beam angle and high luminous intensity.pe of diode

High power

## LAMP BASE


E14


E27


E40


GU10


G4


GU5.3


G9

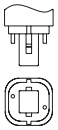

G13


G5

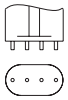

G12


R7s


Rx7s


G24d


G23


2G11

**IMPORTANT:** LED luminaires and lamps must not be connected in an electrical circuit, together with luminaires for discharge lamps

- EU directive compatibility mark
- Mounting on the normal flammable base
- Restriction of Hazardous Substances Directive
- Electromagnetic compatibility
- Adapted for 230V power supply
- Adapted for 230V direct current power supply
- Adapted for 230V via suitable power supply (transformer/ballast/driver)
- Adapted for 12V power supply
- Adapted for 12V direct current power supply
- Adapted for 12V alternating current power supply
- Adapted for 12V alternating/direct current power supply
- Power supply frequency
- Power supply (transformer/ballast/driver) included
- Power supply (transformer/ballast/driver) not included
- The plug is included in the set
- Light source power
- Light source current

- PLC LED lamp
- PLC non - integrated compact fluorescent lamp 2 pin
- PLC non - integrated compact fluorescent lamp
- Compact fluorescent lamp
- GU10 LED lamp
- GU10 halogen bulb
- MR16 LED lamp
- MR-16 halogen bulb
- G-9 halogen bulb
- JC halogen bulb
- MH-7 metal halide lamp
- MH-40 metal halide lamp
- T5 linear fluorescent lamp
- T5 linear fluorescent lamp included in the product
- T8 linear LED lamp
- T8 linear fluorescent lamp
- T8 linear fluorescent lamp included in the product

- Minimum distance from the illuminated object
- Ground mounting
- Wall mounting
- Ceiling mounting
- Wall and ceiling mounting
- For outdoor use
- For indoor use
- For outdoor and indoor use
- Fixed fitting
- Movable fitting
- Reel length
- Triple rail terminal block 2.5mm²
- Triple rail terminal block 2.5mm²
- Switch ON / OFF
- Do not touch with bare hands



## COLOUR TEMPERATURE




| 3000K | 3500K | 4100K | 5000K | 6500K |
|---|---|---|---|---|
| **warm white colour** | **natural white colour** | **neutral white colour** | **sunshine colour** | **daylight colour** |
| warm colour tone | natural colour tone | neutral colour tone | cool colour tone | cold colour tone |




# SAMPLE BOARDS




1. Modern & Lux Lighting
Cat. number: 800510




2. Modern & Lux Lighting
Cat. number: 800511




3. Design & Crystal Lighting
Cat. number: 800512




4. Design & Vintage Lighting
Cat. number: 800513




5. Vintage & Classic Lighting
Cat. number: 800514




6. Classic Lighting
Cat. number: 800515




7. Table, Floor & Spot
Cat. number: 800516




8. LED Panels
Cat. number: 800517




9. Spotlights
Cat. number: 800518




10. Luminaires & Bathroom
Cat. number: 800519




11. LED Profiles & LED Strips
Cat. number: 800520




12. Garden Lighting
Cat. number: 800521




13. Facade And Ground Lighting
Cat. number: 800522




14. Waterproof & Flood Lights
Cat. number: 800523




15. Industrial, Solar Lights & Sensors
Cat. number: 800524




16. LED Bulbs
Cat. number: 800525




17. LED Bulbs
Cat. number: 800526




18. Circuit breakers
Cat. number: 800527



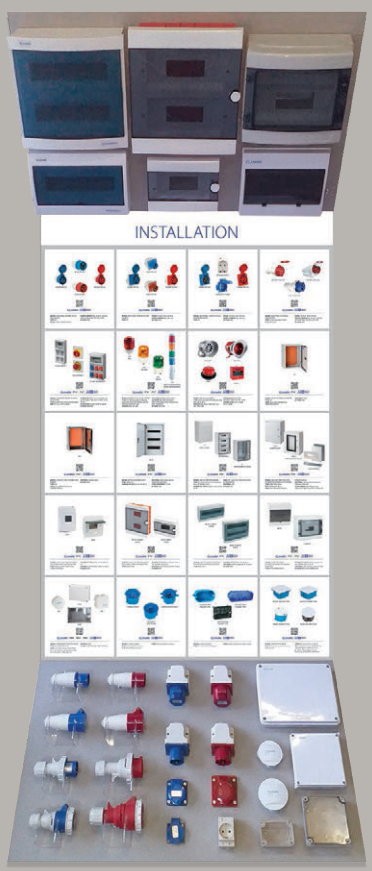

19. Contactors & Protection Devices
Cat. number: 800528



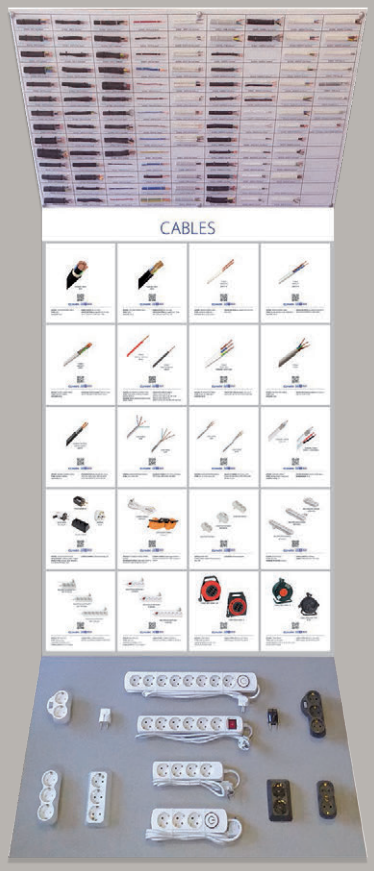

20. Control & Protection
Cat. number: 800529




21. Monitoring & Control
Cat. number: 800530




22. Installation
Cat. number: 800531



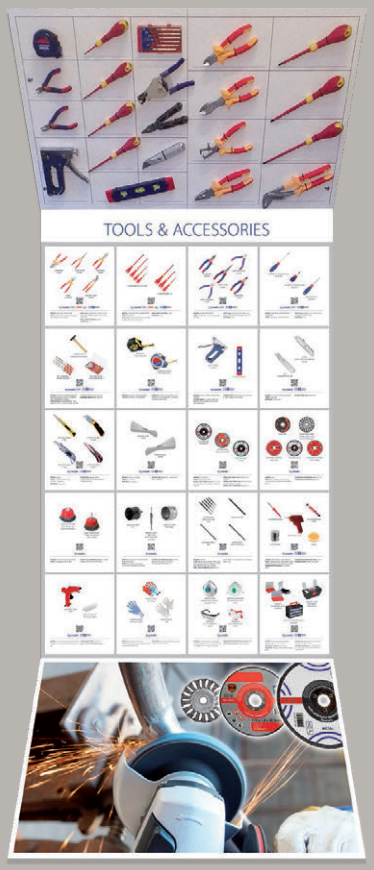

23. Cables
Cat. number: 800532




24. Cable Accessories
Cat. number: 800533



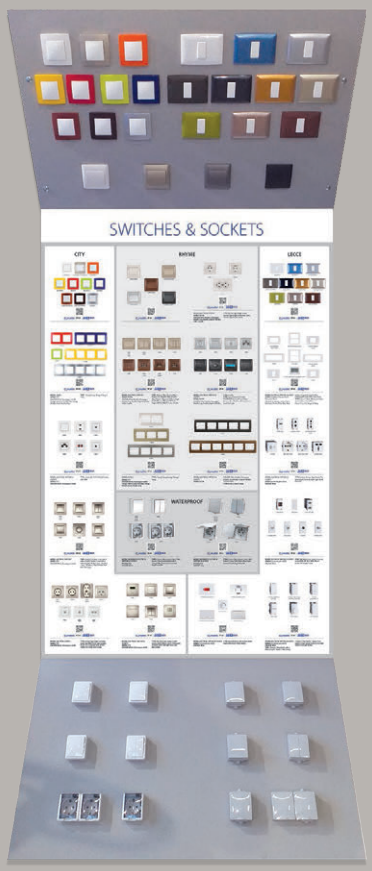

25. Cable Accessories & Tools
Cat. number: 800534




26. Tools & Accessories
Cat. number: 800535




27. Smart & Home Control
Cat. number: 800536




28. Switches & Sockets
Cat. number: 800537



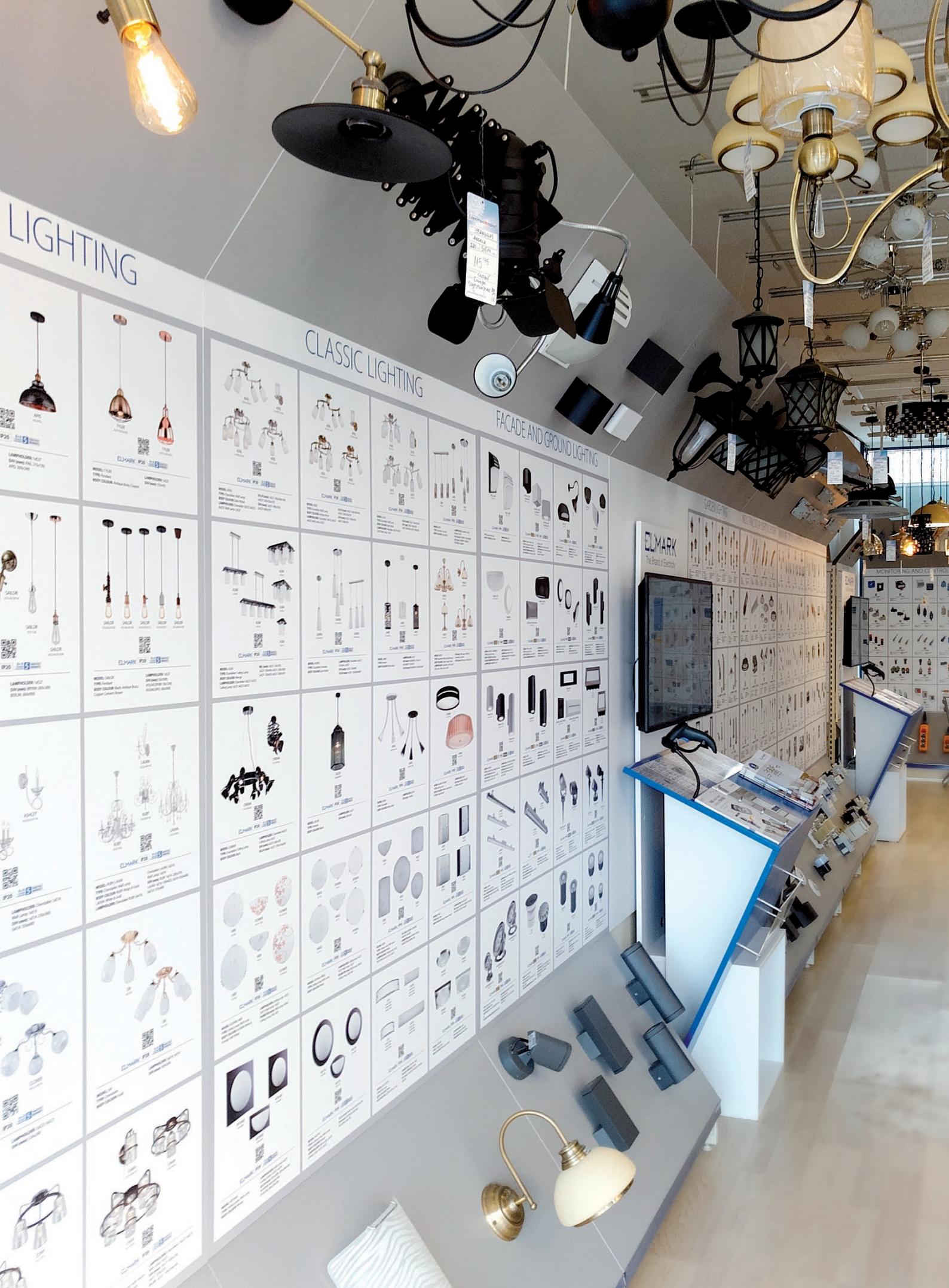

29. Ventilation
Cat. number: 800539




30. Flashlights & Tools
Cat. number: 800541




31. LED Furniture
Cat. number: 800542


LIGHTING
CLASSIC LIGHTING
FACADE AND GROUND LIGHTING
ELMARK

ELMARK®
www.elmarkholding.eu

# ELMARK FRANCHISE

**OPEN YOUR OWN ELECTRICAL STORE**

**ONLY 10,000€ * INVESTMENT**



* ELMARK reserves its right to determine its own franchising policy regarding each country.

**ESTABLISHED BRAND**

**EASY START**

**LOW INVESTMENT**

**REGISTER NOW**

## OUR RESPONSIBILITIES FUNDED BY ELMARK

- Design and equip your store
- Define product portfolio
- Manage inventory and availability
- Plan your stock orders
- Deliver your stock orders
- Advertise your store

## YOUR RESPONSIBILITIES FUNDED BY YOU

- *Choose and rent the property*
- *Hire and lead the store staff*
- *Attract, serve and retain clients*

# THE BENEFITS YOU GAIN:

## TRAINING PROGRAM

Our training program is developed to transform you into a successful owner of your ELMARK store.

We provide PAPER / ONLINE / IN-STORE training that will cover all aspects of your business, up-to-date information about ELMARK, new products, the introduction of new sales techniques, trends in global and local trade.

## COMMERCIAL SUPPORT

It is your flying start,a successful store and business concept, store design, training, marketing support and what is more the exclusive opportunity to distribute ELMARK products across the defined territory at exclusive prices. The dedicated franchise manager will walk beside you, answer your questions, suggest proven beneficial practices, he will guide and protect you.

*"There is one rule that is common for the success across all markets around the world – to offer quality goods at balanced prices and to follow a consistent, straightforward and 'win-win' commercial policy"*

*Jelez Georgiev, CEO*

## TRAINING PROGRAM

As a member of ELMARK family you have a significant buying and negotiating power thus saving money on equipment, supplies and marketing activities

## DESIGN & MERCHANDISING

We aim to provide a meaningful end-to-end customer experience and we regard the exterior and interior of our stores of great importance to the positive influence on our clients. The concept of the store aims to guarantee the effectiveness of ELMARK product presentation and decision making.

All ELMARK stores bear unified identity, easily recognized by our clients worldwide.

We provide full support in setting up your ELMARK store, funded by ELMARK.

## MARKETING

We identify and understand our customers, their habits and motivation. You will benefit timely, innovative and attention-aware advertising campaigns that connect with customers and deepen their relationship with ELMARK brand and our products.






ELMARK
www.elmarkholding.eu

# DISPLAY WORKSTATION




## DISPLAY ALL ELMARK PRODUCTS

*and latest marketing campaigns*

## GAIN MORE SALES

*and optimize your day-to-day operations*

SCAN ANY QR CODE ON THE CATALOGUE OR ON THE BOARD WITH SAMPLES

CHECK AVAILABILITY AND DELIVERY TERMS

ADD TO BASKET

LEARN ABOUT ALL CURRENT ELMARK ADVERTISEMENTS

Cat. number: 800249

| SIZE | Length (m) | Width (m) | Height (m) | Weight (kg) |
|---|---|---|---|---|
| | 0,91 | 0,67 | 2 | 52 |

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FASTER ORDER FULFILLMENT

REACH NEW CUSTOMERS

## A SEAMLESS PLATFORM

*from ordering, payment, shipping and tracking*

## TO 24/7 CUSTOMER SERVICE

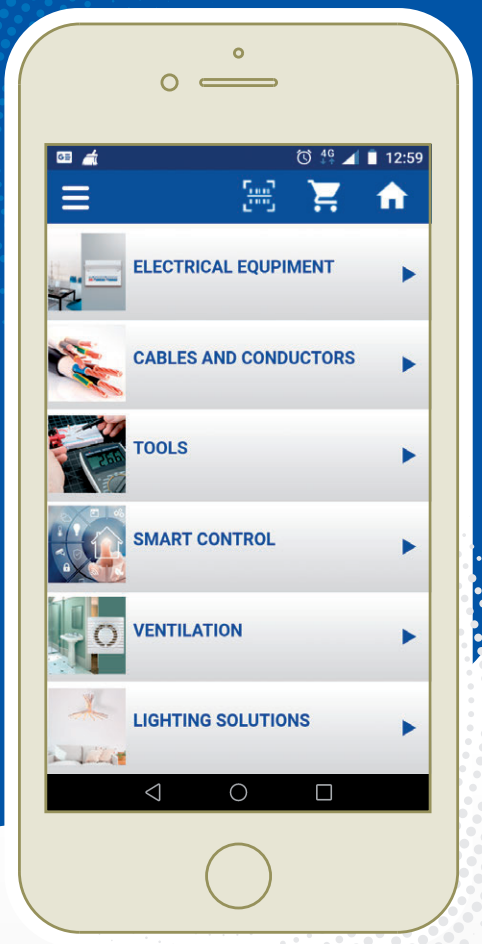
*and technical support*



# ELMARK MOBILE APP

## Buy online!

- *Be ahead of competition*
- *Easy and efficient ordering*
- *Better Customer Service*
- *Choice and Flexibility*




## ENJOY ALL ELMARK E-BUSINESS PLATFORM FEATURES ON THE GO

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ELMARK BUSINESS

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