

EL[®]MARK

The Brand of Electricity

COMBINED SURGE ARRESTERS AC/DC, TYPE 2



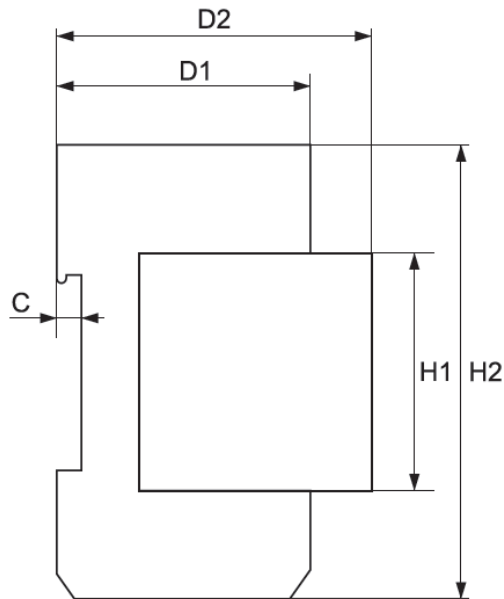
[FUNCTIONS »](#)

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

TECHNICAL PARAMETERS »

- Nominal operating voltage U_c : 275 VAC/440 VDC; 50 Hz and 385 AC/500 DC
- Number of poles: 1P; 1P+N; 3P
- Maximum discharge current: 10-60kA
- Degree of risk of overvoltage: B;C;D (from high to low degree)
- Constant workflow:
 - up to 800 μ A for 1r and 3r
 - up to 600 μ A for 1r+N,
- Ambient temperature on Wednesday: $-10^{\circ}\pm 45^{\circ}$ S
- Maximum altitude: up to 2000m
- Mounting: vertical by means of mounting DIN rail

DIMENSIONS »



Dimensions (mm)

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

TECHNICAL SPECIFICATIONS

OPTIONS »



Type AC for AC/DC current

Type	In (kA)	I _{max} (kA)	U _c (V)	U _p (kV)	Packing	Catalog number
SPD-DC-D5/1p	5	10	275AC/440DC	1.2	17 / 170	64105
SPD-DC-C10/1p	10	20	275AC/440DC	1.5	17 / 170	64106
SPD-DC-C20/1p	20	40	275AC/440DC	1.8	17 / 170	64107
SPD-DC-B40/1p	30	60	275AC/440DC	2.2	17 / 170	64108



Type AC for AC/DC current

Type	In (kA)	I _{max} (kA)	U _c (V)	U _p (kV)	Packing	Catalog number
SPD-DC-D5/1pN	5	10	275AC/440DC	1.2	8 / 80	64205
SPD-DC-C10/1pN	10	20	275AC/440DC	1.5	8 / 80	64206
SPD-DC-C20/1pN	20	40	275AC/440DC	1.8	8 / 80	64207
SPD-DC-B40/1pN	40	60	275AC/440DC	2.2	8 / 80	64208

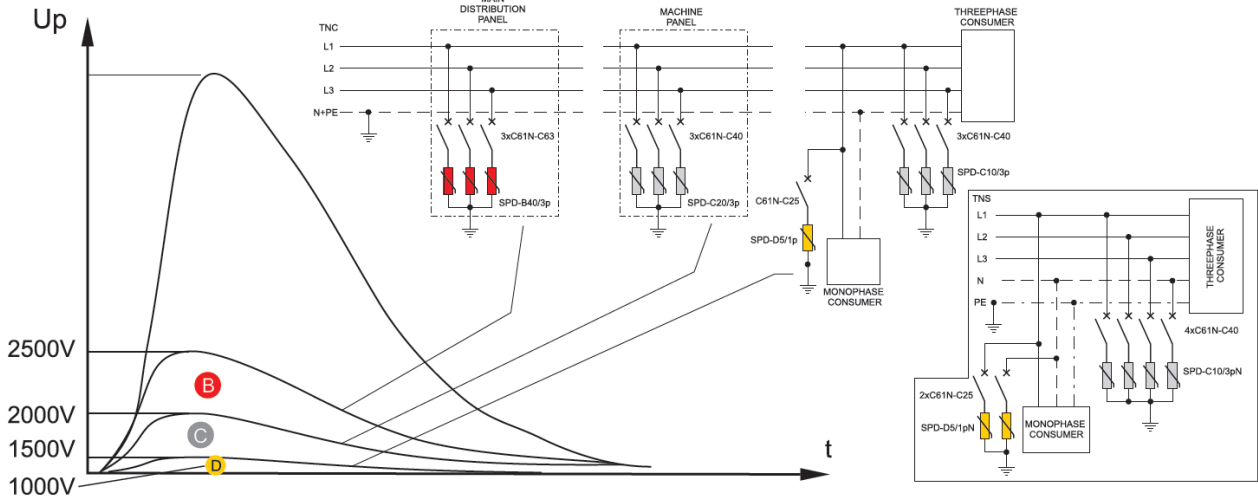


Type AC for AC/DC current

Type	In (kA)	I _{max} (kA)	U _c (V)	U _p (kV)	Packing	Catalog number
SPD-DC-D5/3p	5	10	385 AC/500 DC	1.2	5 / 50	64305
SPD-DC-C10/3p	10	20	385 AC/500 DC	1.5	5 / 50	64306
SPD-DC-C20/3p	20	40	385 AC/500 DC	1.8	5 / 50	64307
SPD-DC-B40/3p	30	60	385 AC/500 DC	2.2	5 / 50	64308

TECHNICAL SPECIFICATIONS

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



SCHEMES »

