

Technical data sheet

Series protection device, 2-pole, 12 V version

Item no. 5098415



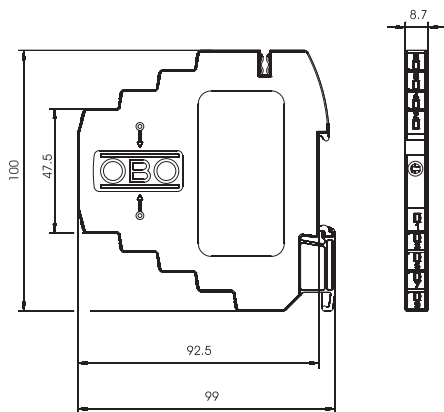
Lightning barrier with test function; 12 V version

- Rated load current 10 A
- Protection device for multi-wire systems
- Direct shield earthing and screwless connection terminals
- Space-saving width of just 8.7 mm
- Protection circuit testable with Life Control
- High bandwidth to 100 MHz
- UL-listed (4DG1)

Application: Universal use on 35 mm DIN profile rail in any standard distribution housing.



Dimensions



Master data

Item no.	5098415
Type	MDP-2-D-12-T-10
Description 1	Lightning barrier
Description 2	2-pin for high nom. currents
Dimension	12V
Smallest sales unit (VG)	1,00 Piece
Weight	6,00 kg/100 pc.

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	<p>Category SPD to IEC 61643-21 Connection cross-section, flexible Connection cross-section, multi-wire Connection cross-section, rigid Number of poles Insertion loss Earthing via: Total discharge current (8/20) Total discharge current (10/350) Frequency range Frequency range Cut-off frequency Maximum continuous voltage AC Maximum continuous voltage DC Insulation resistance Capacity (wire-wire) Lightning protection zone LPZ Nominal voltage Rated current Nominal load current AC Nominal load current DC Installation type Testing standard Shielding connection available Shield connection Protection rating Protection level wire-wire Protection level wire-earth Signalling on device Connection system Impulse durability wire-wire Temperature range Approvals</p>	<p>Type 1+2+3 / D1+C2+C1 Class I+II+III / D1+C2+C1 0,14 - 2,50 mm² 0,14 - 1,50 mm² 0,14 - 2,50 mm² 2,00 ≤3 dB DIN rail 5 kA D1: 1 kA 0 - 100 MHz 0,00 - 100,00 MHz 100,00 MHz 10,50 V 15,00 V >100 MΩ <40 pF 0→3 12,00 V 10,00 A 0,70 A 10,00 A DIN rail IEC 61643-21 Yes Direct IP20 <55 V <800 V Readable Terminal C1: 0,5 kV / 0,25 kA (8/20μs) -40+80 °C UL</p>
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