

Series protection device, 2-pole, 12 V version



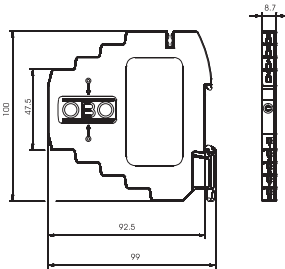
MDP... D-12-T-10: Lightning barrier with test function; 12 V version

- Nominal 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)

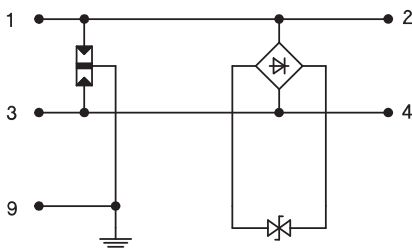
Application: Universal use on 35 mm DIN profile rail in any standard distribution housing.

Type	Highest continuous voltage AC V	Highest continuous voltage DC V	Number of poles	Connection system	Pack. pcs	Weight kg/100 pcs.	Item No.
MDP-2 D-12-T-10	10,5	15	2	Terminal	1	6,000	5098415

Dimensions



Connection options



MDP-2 D-12-T-10

Maximum continuous voltage AC V	U _c 10,5
Maximum continuous voltage DC V	U _c 15
Category	Type 1+2+3 / D1+C2+C1
Lightning protection zone LPZ	0→3
Number of poles	2
Rated current A	I _n 10
Series resistance per wire	—
Impulse durability wire-wire	C1: 0,5 kV / 0,25 kA (8/20μs)
Total discharge current (8/20) kA	5
Total discharge current (10/350) kA	D1: 1
Protection level wire-wire V	<55
Protection level wire-earth V	<800
Frequency range	0 - 100 MHz
Temperature range °C	θ -40-80
Installation type	DIN rail
Connection system	Terminal
Protection rating	IP20
Shielding connection available	Yes
Shield connection	Direct
Connection cross-section, flexible mm ²	0,14-2,5
Connection cross-section, multi-wire mm ²	0,14-1,5
Connection cross-section rigid mm ²	0,14-2,5
Earthing via:	DIN rail
Testing standard	IEC 61643-21