

Series protection device, 2-pole, 5 V version



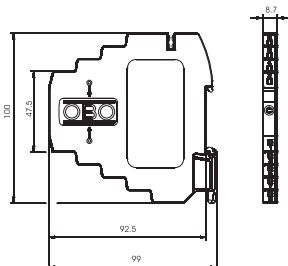
MDP... D-5-T: Lightning barrier with test function; 5 V version

- Nominal load current 0.58 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 frequency range of 0–100 MHz
- UL-listed (4DG1)

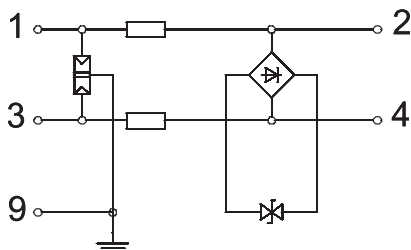
Application: Universal use on 35 mm DIN profile rail in any standard distribution housing.

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-5-T	7	10	2	Terminal	1	6,000	5098404

Dimensions



Connection options



MDP-2 D-5-T

Maximum continuous voltage AC V	U _c	7
Maximum continuous voltage DC V	U _c	10
Category		Type 1+2+3 / D1+C2+C1
Lightning protection zone LPZ		0→3
Number of poles		2
Rated current A	I _n	0.58
Series resistance per wire		2,35 Ω ± 5 %
Impulse durability wire-wire		C1: 0.5 kV / 0.25 kA (8/20μs)
Impulse durability wire-earth		C2: 5 kV / 2.5 kA (8/20μs)
Total discharge current (8/20) kA		5
Total discharge current (10/350) kA		D1: 1
Protection level wire-wire V		<35
Protection level wire-earth V		<800
Frequency range		0 - 100 MHz
Temperature range °C	θ	-40-80
Installation type		Hat rail 35 mm
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