Technical data sheet
Surge protective device for data and information technology

Series protection device, 4-pole, 48 V version

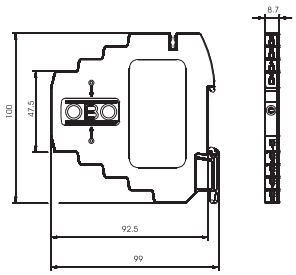
MDP... D-48-T: Lightning barrier with test function; 48 V version

- 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 bandwidth to 100 MHz
- UL-listed (4DG1)

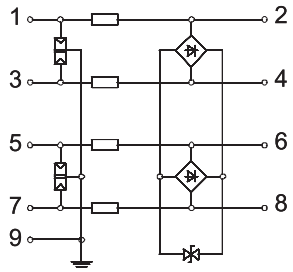
Application: Universal use on 35 mm DIN profile rail in any standard distribution housing.

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-4 D-48-T	41	58	4	Terminal	1	5,800	**5098450**

Dimensions



Connection options



MDP-4 D-48-T

Maximum continuous voltage AC V	U_C	41
Maximum continuous voltage DC V	U_C	58
Category		Type 1+2+3 / D1+C2+C1
Lightning protection zone LPZ		0→3
Number of poles		4
Rated current A	I_L	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		10
Total discharge current (10/350) kA		D1: 2
Protection level wire-wire V		<95
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 mm²		0,14-2,5
Connection cross-section, multi-wire mm²		0,14-1,5
Connection cross-section rigid mm²		0,14-2,5
Earthing via:		DIN rail
Testing standard		IEC 61643-21