

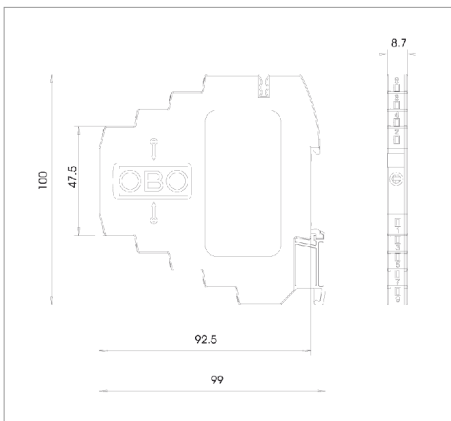
Technical data sheet Series protection device, 4-pole, 5 V version



MDP.../D...T: lightning barriers with test function

- Protection device for multi-wire systems
- Direct screen earthing
- With easy-to-mount, screwless connection terminals
- Space-saving width of just 8.1 mm
- Protective circuit testable with Life Control
- High bandwidth to 100 MHz

Application: universal use on 35 mm hat rail in any standard distributor housing.

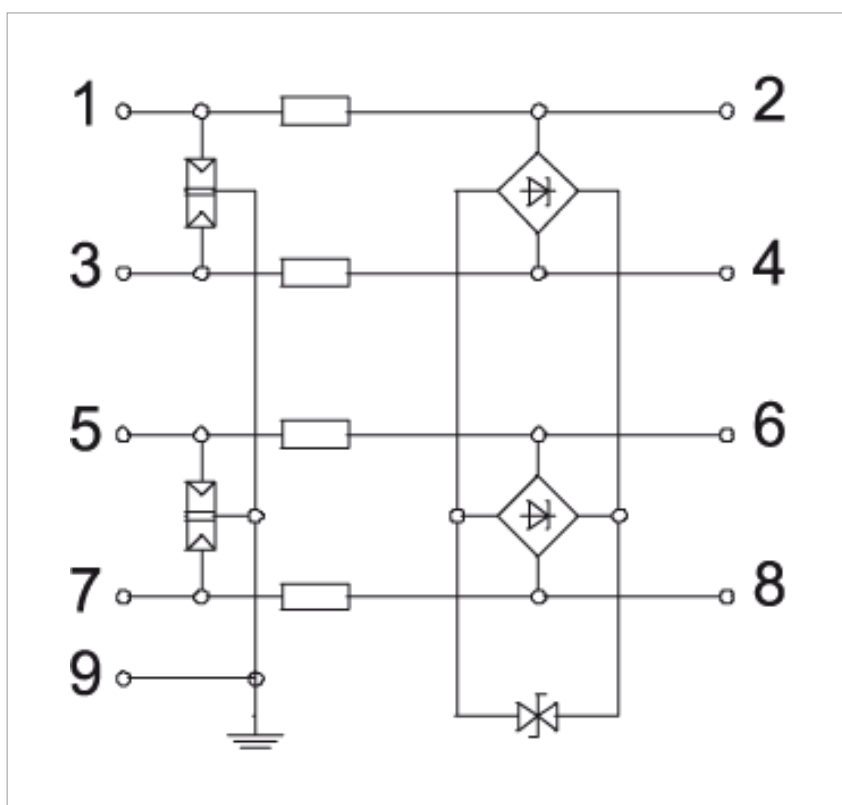


Type	Nominal voltage V	Version	Maximum continuous voltage Vc/AC V	Maximum continuous voltage Vc/DC V	Pack Units	Weight kg/100 pc.	Art.-No.
MDP-2 D-5-T	5	2-pole	7	10	1	6.000	5098404
MDP-3 D-5-T	5	3-pole	7	10	1	6.000	5098407
MDP-4 D-5-T	5	4-pole	7	10	1	5.800	5098411

G /pc.



Connection-/Circuit diagram



Article number			5098404	5098407	5098411
Version			2-pole	3-pole	4-pole
Nominal voltage	U_N	V	5	5	5
Maximum continuous voltage Vc/AC		V	7	7	7
Maximum continuous voltage Vc/DC		V	10	10	10
LPZ			1?3	1?3	1?3
Nominal load current	I_L	A	0.58	0.58	0.58
Protection level, wire-wire @ C1 (0.5 kV / 0.25 kA)		V	? 35	? 35	? 35
Protection level, wire-wire @ C1 (1 kV / 0.5 kA)		V	? 50	? 50	? 50
Protection level, wire-earth @ C2 (10 kA)		V	? 750	? 750	? 750
Rated arresting surge current In to C2		kA	5	5	5
Serial impedance per path		?	2.35	2.35	2.35
Insertion loss	a/dB	dB	3 @ 100 MHz	3 @ 100 MHz	3 @ 100 MHz
Protection rating			IP 20	IP 20	IP 20
Life Control testing option			Yes	Yes	Yes
Connection cross-section, rigid		mm ²	2.5	2.5	2.5
Connection cross-section, multi-wire		mm ²	1.5	1.5	1.5
Connection cross-section, flexible		mm ²	2.5	2.5	2.5

Connection-/Circuit diagram

Testing standard

IEC 61643-21 IEC 61643-21 IEC 61643-21

Legend

**MSR**

Measuring, controlling and regulating systems

Legend



LifeControl



Transition from LPZ 1 to LPZ 3



Communautés Européennes, EC declaration of conformity according to EC directives



5-year warranty