Technical data sheet
Surge protective device for data and information technology

Medium and fine protection FLD for two-core systems 12 V

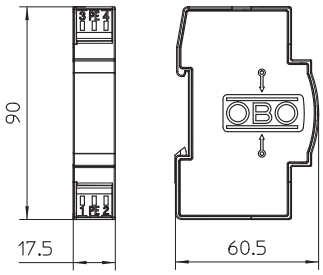
Surge protection for use in measurement and control technology

- Medium and fine protection
- Standard design for single core systems
- Two-stage protection circuit
- With installation-friendly, screwless connection terminals
- In space-saving 17.5 mm grid
- With inductive decoupling in the longitudinal branch

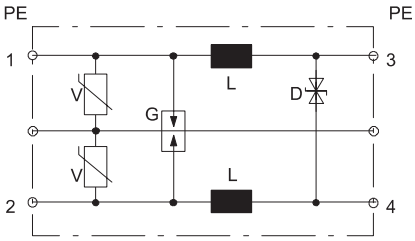
Application: Universal use on any 35 mm DIN profile rail in every commercially available distributor housing.

Type	Highest continuous voltage AC V	Highest continuous voltage DC V	Number of poles	Connection system	Pack. pcs	Weight kg/100 pcs.	Item No.
FLD 12	9	13	2	Terminal	1	5,200	**5098603**

Dimensions



Connection options



FLD 12

Maximum continuous voltage AC V	U_C	9
Maximum continuous voltage DC V	U_C	13
Category		Type 1+2+3 / D1+C2+C1
Lightning protection zone LPZ		0→3
Number of poles		2
Rated current A	I_L	1
Series inductivity per wire		120 µH ± 20 %
Impulse durability wire-wire		C1: 1 kV / 0,5 kA (8/20µs)
Impulse durability wire-earth		C2: 10 kV / 5 kA (8/20µs)
Total discharge current (8/20) kA		10
Total discharge current (10/350) kA		D1: 3
Protection level wire-wire V		<30
Protection level wire-earth V		<600
Temperature range °C	ϑ	-40-+80
Installation type		DIN rail 35 mm
Connection system		Terminal
Division unit TE (17.5 mm)		1
Protection rating		IP20
Connection cross-section, flexible mm²		0,14-2,5
Connection cross-section, multi-wire mm²		0,14-2,5
Connection cross-section rigid mm²		0,14-2,5
Earthing via:		Terminal
Testing standard		IEC 61643-21
Approvals		UL

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