

Medium and fine protection for two-core systems 12 V



Surge protection for use in measurement and control technology

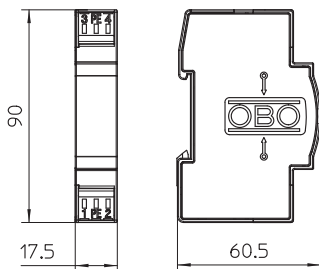


- Medium and fine protection
- Standard design for single core systems
- Two-stage protection circuit
- With installation-friendly, screwless connection terminals
- In space-saving 17.5 mm grid
- With inductive decoupling in the longitudinal branch

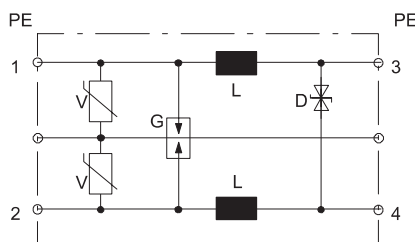
Application: Universal use on any 35 mm DIN profile rail in every commercially available distributor housing.

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 _n 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	Hat rail 35 mm
Connection system	Terminal
Division unit TE (17.5 mm)	1
Protection rating	IP20
Connection cross-section, flexible mm ²	0,14-2,5
Connection cross-section, multi-wire mm ²	0,14-2,5
Connection cross-section rigid mm ²	0,14-2,5
Earthing via:	Terminal
Testing standard	IEC 61643-21