

Technical data sheet

Lightning barrier FLD

Item number: 5098940



The type VF FLD 60T S lightning barrier is a surge arrester/fine power protection type 3 to DIN EN 61643-11 for protecting end devices from transient surge voltages.

The protection devices are used for mounting on DIN profile rails near to devices to be protected and are designed for DC and AC systems.



Master data		
Item number	5098940	
Type	FLD 60T S	
Description 1	Lightning barrier	
Description 2	with decoupling inductivity	
Manufacturer	OBO	
Dimension	230V	
Smallest sales unit	1	
Unit of quantity	Piece	
Weight	4.4 kg	
Weight unit	kg/100 pc.	
CO2 Footprint (GWP) Cradle-to-Gate	0,1438 kg CO2e / 1 Piece	

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Response time	<1 ns
Structural width in division units (division unit, 17.5 mm)	1
Operating temperature, max.	80 °C
Operating temperature, min.	-40 °C
Explosion-tested version	no
Remote signalling	no
Maximum continuous voltage AC	160 V
Maximum continuous voltage DC	230 V
Inductivity	100 µH
Conductor cross-section, rigid (single-wire/multiwire), max.	2.5 mm ²
Conductor cross-section, rigid (single-wire/multiwire), min.	0.14 mm ²
Lightning protection zone LPZ	2→3
Installation type	DIN rail 35 mm
Nominal discharge current (8/20 µs)	10 kA
Nominal voltage AC (50/60 Hz)	60 V
Network form	Other
OBO_Nominal load current (input/ output terminal)	0.47 A
Protection rating	IP20
Protection level wire-wire	<300 V
Protection level wire-earth	<500 V
Signalling on device	Without
Permitted temperature range, max.	80 °C
Permitted temperature range, min.	-40 °C