Technical data sheet

Fine protection 8-F for Ethernet networks (Class D/CAT 5)

Item number: 5081990

Universal data cable protection device for network technology and telecommunication systems

- In aluminium housing
- Protection for 8 cores
- With two-stage protective circuit
- Simple mounting
- With RJ45 Western connector
- Incl. 150 mm connection cable with RJ45 connectors
- Cat 5e network technology, 10BaseT, 100BaseT, 1000BaseT
- DIN rail mounting with accessories DLS-BS (5082 38 2)

Application: For analogue, ISDN, DSL systems, Ethernet Twisted Pair.
- Usable in networks of Class D or CAT 5e
- Can be locked onto DIN profile rails or mounted directly at the terminal
- Simple installation using RJ45 connection technology
- Optimised transmission properties

LPZ 1→3 Cat 5

Master data

Item number	5081990
Type	RJ45 S-ATM 8-F
Description 1	Fine protection device
Description 2	for Ethernet networks
Manufacturer	OBO
Dimension	6.2V
Smallest sales unit	1
Unit of quantity	Piece
Weight	14 kg
Weight unit	kg/100 pc.

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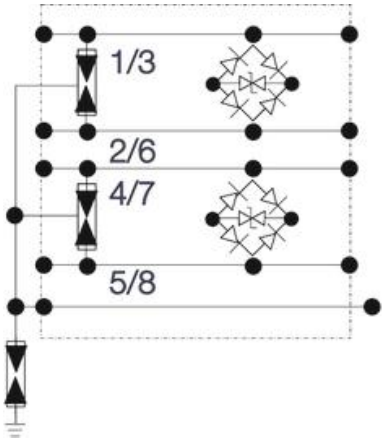

Arrestor monitoring	no
Number of poles	8
Version for	Fine protection, 8 wires + shield
Channel performance Ansi/EA	CAT 5e
Channel performance ISO/IEC	Class D
Insertion loss	<3 @ 150 MHz dB
Earthing via:	Connection cable
Total discharge current (8/20)	7.5 kA
Cut-off frequency	155 MHz
Maximum continuous voltage AC	4.2
Maximum continuous voltage DC	6
Insulation resistance	>1 GΩ
Capacity (wire-wire)	<50 pF
Capacity (wire-earth)	<10 pF
Kategorie	Type 2+3 / C2+C1
Lightning protection zone LPZ	1→3
Mounting type	Connector/cable adapter
Testing standard	IEC 61643-21
Shielding connection available	yes
Screening	Direct
Protection rating	IP40
Protection level wire-wire	<40 V
Protection level wire-earth	<900 V
SPD to IEC 61643-21	Class II+III / C2+C1
Plug-in system	RJ45 8(8)
Impulse durability wire-wire	C2: 3 kV / 1,5 kA (8/20µs)
Impulse durability wire-earth	C2: 3 kV / 1,5 kA (8/20µs)
Permitted temperature range, max.	80 °C
Permitted temperature range, min.	-40 °C