

Technical data sheet

Surge protection for high-speed networks up to 10 GBit
(Class EA/CAT6A)
Item number: 5081800



- Data cable protection device for high-speed networks
- Protection class: Fine protection
 - High-quality RJ45 sockets
 - Low protection level at high current load
 - Earthing via DIN rail or connection cable
 - Support of Power over Ethernet ++ (PoE++/4PPoE) to 1 A in accordance with IEEE 802.3
 - Tested transmission quality in networks up to 10 GBit/s (Class EA) or CAT6
 - Rapid installation through plug-in version
 - Incl. DIN rail fastening set and earthing cable

Application example: 10 GBit Ethernet, 10/100 MBit Ethernet, PoE applications, IP camera systems, ISDN S0 interfaces



Master data		
Item number	5081800	
Description 1	Net Defender	
Description 2	for Class EA / CAT6A	
Manufacturer	OBO	
Dimension	58V	
Smallest sales unit	1	
Unit of quantity	Piece	
Weight	16.6 kg	
Weight unit	kg/100 pc.	

Dimensions	

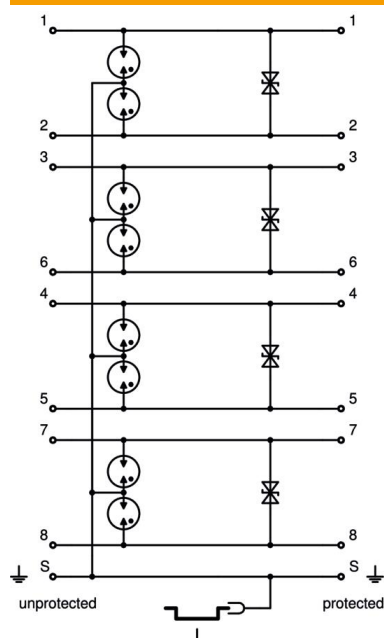
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Number of poles	8
Version for	Fine protection, 8 wires + shield
Channel performance Ansi/EA	CAT 6A
Channel performance ISO/IEC	Class EA
Insertion loss	≤3 dB
Earthing via:	Connection cable / DIN rail
Explosion-tested version	no
Telecommunications contact	no
Total discharge current (8/20)	7 kA
Maximum continuous voltage AC	41 V
Maximum continuous voltage DC	58 V
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	IP20
Protection level wire-wire	<120 V
Protection level wire-earth	<700 V
SPD to IEC 61643-21	Class II+III / C2+C1
Plug-in system	RJ45 8(8)
Impulse durability wire-wire	C1: 0,3 kV / 0,15 kA (8/20μs)
Impulse durability wire-earth	C2: 2 kV / 1 kA (8/20μs)
Permitted temperature range, max.	80 °C
Permitted temperature range, min.	-40 °C
Cable type for surge protection devices	Data cable CAT