

Technical data sheet

Combination protection device TD-4/I for ISDN and DSL systems

Item number: 5081690



Data cable protection device for telecommunications equipment

- Low protection level at a high current load
- "Push-in" terminals for quick installation
- Bandwidth-optimised for secure transmission
- Surface mounting
- Visual function display

Application: DSL systems, IP connections, ISDN or analogue telecommunications



Plastic

Master data

Item number	5081690
Type	TD-4/I
Description 1	Surge protective device
Description 2	for TK systems
Manufacturer	OBO
Dimension	170V
Colour	White
Material	Plastic
Smallest sales unit	1
Unit of quantity	Piece
Weight	11 kg
Weight unit	kg/100 pc.

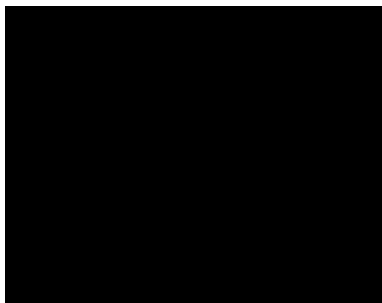
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	Arrestor monitoring	no
	Connection cross-section, flexible, max.	0.75 mm ²
	Connection cross-section, flexible, min.	0.14 mm ²
	Connection cross-section, multi-wire, max.	0.75 mm ²
	Connection cross-section, multi-wire, min.	0.14 mm ²
	Connection cross-section, rigid, max.	0.75 mm ²
	Connection cross-section, rigid, min.	0.14 mm ²
	Number of poles	4
	Insertion loss	≤3 dB
	Explosion-tested version	no
	Telecommunications contact	no
	Total discharge current (10/350)	D1: 12,5
	Total discharge current (8/20)	25 kA
	Cut-off frequency	100 MHz
	Maximum continuous voltage AC	120
	Maximum continuous voltage DC	170
	Lightning impulse current	2.5 kA
	Insulation resistance	>1 MΩ
	Capacity (wire-wire)	<50 pF
	Capacity (wire-earth)	<10 pF
	Kategorie	Type 1+2+3 / D1+C2+C1
	Lightning protection zone LPZ	0→3
	Mounting type	Surface-mounted
	Nominal load current AC	0.14
	Nominal load current DC	0.2 A
	Testing standard	IEC 61643-21
	Shielding connection available	yes
	Screening	Indirect
	Protection rating	IP54
	Protection level wire-wire	<300 V
Protection level wire-earth	<650 V	
Protection level, shield-earth (S-PE)	850 V	
Series resistance per wire	9 Ω ± 10 %	
Signalling on device	Visual	
SPD to IEC 61643-21	Class I+II+III / D1+C2+C1	
Plug-in system	RJ11	
Impulse durability wire-wire	C2: 18 kV / 9 kA (8/20μs)	
Impulse durability wire-earth	C2: 18 kV / 9 kA (8/20μs)	
Permitted temperature range, max.	80 °C	
Permitted temperature range, min.	-40 °C	
Cable type for surge protection devices	Telecommunications line	