

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
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.

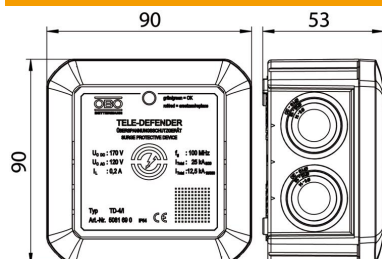
Technical data sheet

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

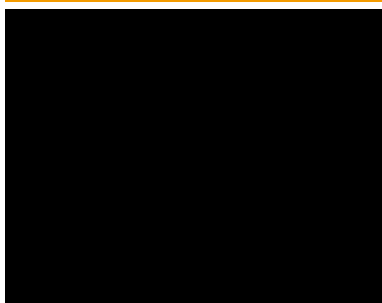
Item number: 5081690



Dimensions



Technical data



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 kA
Total discharge current (8/20)	25 kA
Cut-off frequency	100 MHz
Maximum continuous voltage AC	120 V
Maximum continuous voltage DC	170 V
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 A
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

Technical data sheet

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

Item number: 5081690



Technical data

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