

# Technical data sheet

## Combination protection device TD-2d-V for VDSL systems

Item no. 5081698



Data cable protection device for telecommunications equipment

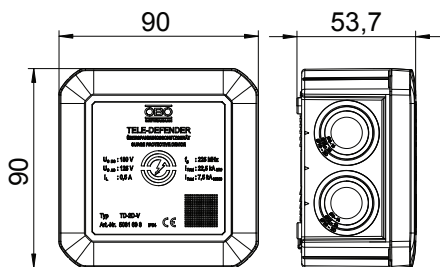
- Low protection level at a high current load
- "Push-in" clamps for quick installation
- Bandwidth-optimised for secure transmission up to 225 MHz
- Surface mounting

Application: Ideal for all DSL systems, IP connections, ISDN or analogue telecommunications



Plastic

### Dimensions



### Master data

Item no.	5081698
Type	TD-2D-V
Description 1	Combined protective device
Description 2	for telecommunication
Dimension	180V
Colour	White
Material	Plastic

# Technical data sheet

## Combination protection device TD-2d-V for VDSL systems

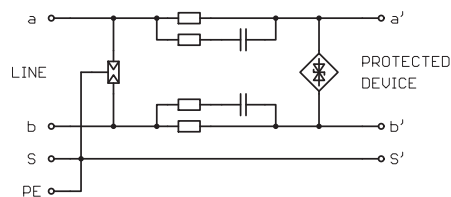
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### Master data

Smallest sales unit (VG)	1,00 Piece
Weight	9,50 kg/100 pc.

### Technical data



Arrestor monitoring	<input type="checkbox"/>
Category	Type 1+2+3 / D1+C2+C1
SPD to IEC 61643-21	Class I+II+III / D1+C2+C1
Connection cross-section, flexible	0,14 - 1,00 mm <sup>2</sup>
Connection cross-section, multi-wire	0,14 - 1,00 mm <sup>2</sup>
Connection cross-section, rigid	0,08 - 1,50 mm <sup>2</sup>
Number of poles	2,00
Insertion loss	≤3 dB
Explosion-tested version	<input type="checkbox"/>
Telecommunications contact	<input type="checkbox"/>
Total discharge current (8/20)	22,5 kA
Total discharge current (10/350)	D1: 7,5 kA
Frequency range	0 - 225 MHz
Frequency range	0,00 - 225,00 MHz
Cut-off frequency	225,00 MHz
Maximum continuous voltage AC	125,00 V
Maximum continuous voltage DC	180,00 V
Insulation resistance	>10 MΩ
Impulse discharge current (10/350)	2,50 kA
Capacity (wire-wire)	<10 pF
Capacity (wire-earth)	<20 pF
Lightning protection zone LPZ	0→3
Rated current	0,50 A
Nominal load current AC	0,35 A
Nominal load current DC	0,50 A
Installation type	Surface-mounted
Testing standard	IEC 61643-21
Shielding connection available	Yes
Shield connection	Direct
Protection rating	IP54
Protection level wire-wire	<350 V
Protection level wire-earth	<600 V
Series resistance per wire	2,2 Ω ± 5 %
Signalling on device	Without
Connection system	Terminal
Impulse durability wire-wire	C2: 15 kV / 7,5 kA (8/20μs)
Impulse durability wire-earth	C2: 15 kV / 7,5 kA (8/20μs)
Temperature range	-40+80 °C