

# Technical data sheet

## Combination protection device TD-2/D-HS for ISDN and DSL systems Item no. 5081694



Data cable protection devices for telecommunication systems

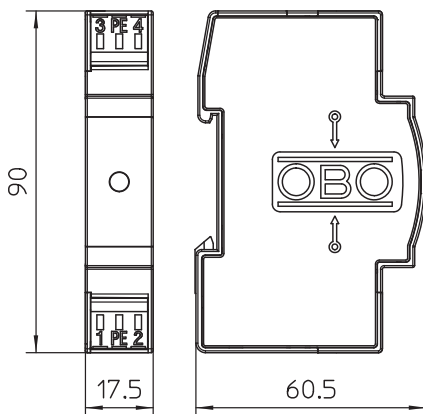
- Low protection level at high current load
- Screwless terminals or connectable
- Bandwidth-optimised for secure transmission
- Quick mounting onto DIN rail for a telephone line
- Visual function display

Application: DSL systems, ISDN or analogue telecommunication



Plastic

### Dimensions



### Master data

Item no.	5081694
Type	TD-2/D-HS
Description 1	Surge protective device
Description 2	for TK systems with hat rail
Dimension	170V
Colour	White
Material	Plastic

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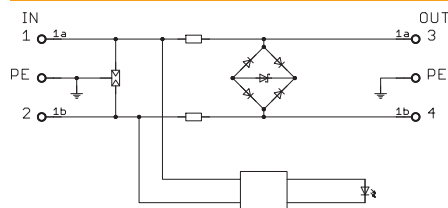
## Combination protection device TD-2/D-HS for ISDN and DSL systems Item no. 5081694



### Master data

Smallest sales unit (VG)	1,00 Piece
Weight	4,80 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 - 2,50 mm <sup>2</sup>
Connection cross-section, multi-wire	0,14 - 2,50 mm <sup>2</sup>
Connection cross-section, rigid	0,14 - 2,50 mm <sup>2</sup>
Number of poles	2,00
Insertion loss	≤3 dB
Earthing via:	Connection cable
Explosion-tested version	<input type="checkbox"/>
Telecommunications contact	<input type="checkbox"/>
Total discharge current (8/20)	10 kA
Total discharge current (10/350)	D1: 5 kA kA
Frequency range	0 - 75 MHz
Frequency range	0,00 - 75,00 MHz
Cut-off frequency	75,00 MHz
Maximum continuous voltage AC	120,00 V
Maximum continuous voltage DC	170,00 V
Insulation resistance	>1 MΩ
Impulse discharge current (10/350)	2,50 kA
Capacity (wire-wire)	<50 pF
Capacity (wire-earth)	<50 pF
Lightning protection zone LPZ	0→3
Rated current	0,20 A
Nominal load current AC	0,14 A
Nominal load current DC	0,20 A
Installation type	DIN rail 35 mm
Testing standard	IEC 61643-21
Shielding connection available	No
Shield connection	Direct
Protection rating	IP20
Protection level wire-wire	<300 V
Protection level wire-earth	<650 V
Series resistance per wire	9 Ω ± 10 %
Signalling on device	Visual
Connection system	Terminal
Impulse durability wire-wire	C2: 18 kV / 9 kA (8/20μs)
Impulse durability wire-earth	C2: 18 kV / 9 kA (8/20μs)
Temperature range	-40+80 °C
Division unit TE (17.5 mm)	1