

Technical data sheet

Basic protection for two-core systems with HF applications 120 V
Item no. 5097976



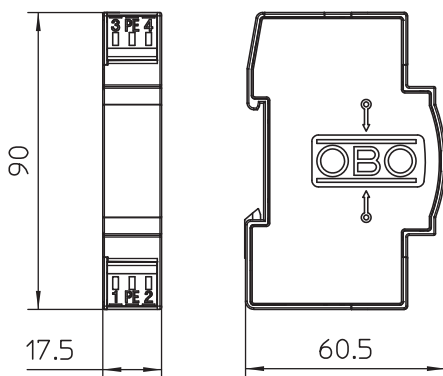
TKS-B: Surge protection for use in measuring, control and regulation systems, as well as telecommunication systems

- Basic protection for lightning protection equipotential bonding
- High impulse arresting capacity 6 kA (10/350)
- With installation-friendly, screwless connection terminals
- In space-saving 17.5 mm grid

Application: Universal use on 35 mm hat profile rail in any standard distributor housing.



Dimensions



Master data

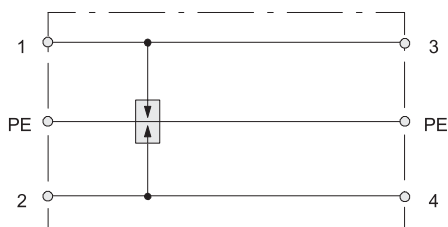
Item no.	5097976
Type	TKS-B
Description 1	Lightning barrier
Dimension	120V AC
Smallest sales unit (VG)	1 Piece
Weight	4,40 kg/100 pc.

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Category	Type 1+2 / D1+C2
SPD to IEC 61643-21	Class I+II / D1+C2
Connection cross-section, flexible	0,14 - 2,50 mm ²
Connection cross-section, multi-wire	0,14 - 2,50 mm ²
Connection cross-section, rigid	0,14 - 2,50 mm ²
Number of poles	2
Insertion loss	3 dB @ 250 MHz dB
Earthing via:	Connection cable
Total discharge current (8/20)	18 kA
Total discharge current (10/350)	D1: 6 kA
Frequency range	0 - 250 MHz
Frequency range	0,00 - 250,00 MHz
Cut-off frequency	250,00 MHz
Maximum continuous voltage AC	120,00 V
Maximum continuous voltage DC	170,00 V
Insulation resistance	>1 GΩ
Capacity (wire-wire)	<10 pF
Capacity (wire-earth)	<10 pF
Lightning protection zone LPZ	0→2
Rated current	20,00 A
Nominal load current AC	14,00 A
Nominal load current DC	20,00 A
Installation type	DIN rail
Testing standard	IEC 61643-21
Shielding connection available	No
Protection rating	IP20
Protection level wire-wire	<950 V
Protection level wire-earth	<600 V
Connection system	Terminal
Impulse durability wire-wire	C2: 18 kV / 9 kA
Impulse durability wire-earth	C2: 18 kV / 9 kA
Temperature range	-40-+80 °C
Division unit TE (17,5 mm)	1