

Technical data sheet

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



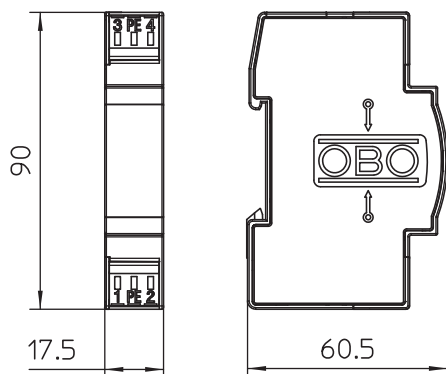
TKS-B: Surge protection for use in measuring, control and regulation systems, as well as telecommunication systems

- 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) | 1,00 Piece |
| Weight | 4,40 kg/100 pc. |

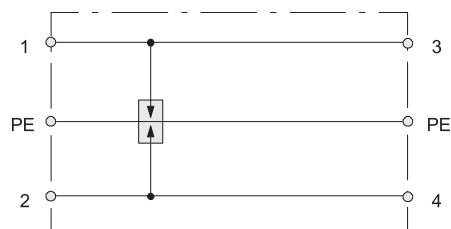
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| | |
|--------------------------------------|-----------------------------|
| Category | Type 1+2 / D1+C2 |
| SPD to IEC 61643-21 | Class I+II / D1+C2 |
| Connection cross-section, flexible | 0,14 - 2,50 mm ² |
| Connection cross-section, multi-wire | 0,14 - 2,50 mm ² |
| Connection cross-section, rigid | 0,14 - 2,50 mm ² |
| Number of poles | 2,00 |
| 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 |