# Technical data sheet

## Fine protection for 9-pole RS485 interface

## Item number: 5080061




Data cable protection device for serial interfaces

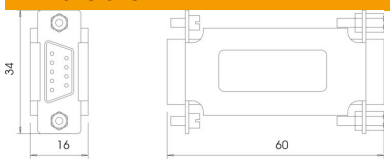
- Various connection technologies available
- Low voltage protection level

Application: PLC, alarm systems, controllers

### Master data

| | |
|---|---|
| Item number | 5080061 |
| Type | SD09-V11 9 |
| Description 1 | Data line protection device |
| Description 2 | for V24 interface D-SUB 9 |
| Manufacturer | OBO |
| Dimension | 6V |
| Smallest sales unit | 1 |
| Unit of quantity | Piece |
| Weight | 2.951 kg |
| Weight unit | kg/100 pc. |
| CO2 Footprint (GWP) Cradle-to-Gate | 0,0926 kg CO2e / 1 Piece |

### Dimensions




| | |
|---|---|
| Length | 60 mm |
| Width | 16 mm |
| Height | 34 mm |

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| | |
|---|---|
| Arrestor monitoring | no |
| Response time | <10 ns |
| Number of poles | 9 |
| Version for | SUB-D-9; V11 RS485 |
| Explosion-tested version | no |
| Telecommunications contact | no |
| Maximum continuous voltage AC | 5.2 V |
| Maximum continuous voltage DC | 8 V |
| Kategorie | Type 3 / C1 |
| Lightning protection zone LPZ | 2→3 |
| Mounting type | Connector/cable adapter |
| Nominal voltage | 6 V |
| Testing standard | IEC 61643-21 |
| ROHS-conformant | yes |
| Shielding connection available | yes |
| Screening | Direct |
| Protection rating | IP40 |
| Protection level wire-wire | <100 V |
| Protection level, wire-wire at 1 kV/µs (C3) | <10 V |
| Protection level wire-earth | <100 V |
| Protection level, wire-earth at 1 kV/µs (C3) | <10 |
| SPD to IEC 61643-21 | Class III / C1 |
| Plug-in system | D-Sub 9-pin |
| Impulse durability wire-wire | 0,75 kA (8/20µs) |
| Impulse durability wire-earth | 0,75 kA (8/20µs) |
| Permitted temperature range, max. | 80 °C |
| Permitted temperature range, min. | -40 °C |