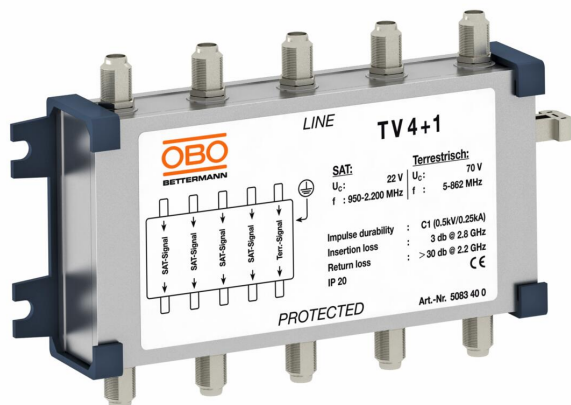


Technical data sheet

Coaxial protection device for SAT and cable multi-switch

Item number: 5083400



Coaxial data line protection for TV reception systems

- Protects up to four SAT lines
- Protects one terrestrial line, e.g. DVB-T.
- Simple mounting using screws and holder
- With F-connector
- Optimum transmission behaviour with 75 Ohm technology.

Application: Protection of TV and SAT systems, multi-switches, receivers and DVB-T receivers



Master data

| | |
|------------------------------------|--------------------------|
| Item number | 5083400 |
| Type | TV 4+1 |
| Description 1 | Surge protective device |
| Description 2 | for antenna systems |
| Manufacturer | OBO |
| Dimension | 70V |
| Smallest sales unit | 1 |
| Unit of quantity | Piece |
| Weight | 37 kg |
| Weight unit | kg/100 pc. |
| CO2 Footprint (GWP) Cradle-to-Gate | 1,1222 kg CO2e / 1 Piece |

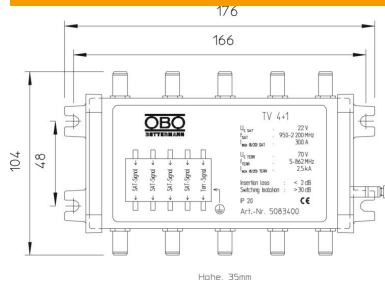
Technical data sheet

Coaxial protection device for SAT and cable multi-switch

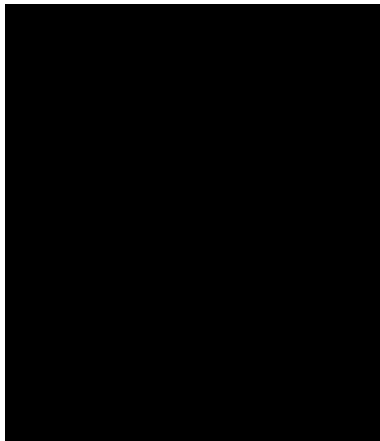


Item number: 5083400

Dimensions



Technical data



| | |
|---|------------------------|
| Arrestor monitoring | no |
| Response time | <1 ns |
| Number of poles | 5 |
| Version for | Fine protection device |
| Insertion loss | ≤3 dB |
| Earthing via: | Connection cable |
| Explosion-tested version | no |
| Telecommunications contact | no |
| Total discharge current (10/350) | 5 kA |
| Total discharge current (8/20) | 0.5 kA |
| Cut-off frequency | 2800 MHz |
| Maximum continuous voltage AC | 130 V |
| Maximum continuous voltage DC | 185 V |
| Maximum continuous voltage Vc SAT inputs | 22 V |
| Maximum continuous voltage Vc terrestrial input | 70 V |
| Lightning impulse current | 2.5 kA |
| Lightning impulse current terrestrial input | 1 |
| Insulation resistance | >1 GΩ |
| Capacity (wire-wire) | <500 pF |
| Capacity (wire-earth) | <500 pF |
| Kategorie | Type 2+3 / C2+C1 |
| Lightning protection zone LPZ | 1→3 |
| Mounting type | Surface-mounted |
| Nominal discharge current SAT inputs | 300 A |
| Nominal load current AC | 1.4 A |
| Nominal load current DC | 2 A |
| Testing standard | IEC 61643-21 |
| Return loss | >30 dB |
| Shielding connection available | yes |
| Screening | Direct |
| Protection rating | IP10 |
| Protection level | <800 V |
| Protection level wire-wire | <800 V |
| Protection level wire-earth | <800 V |
| Protection level SAT inputs at In | <45 V |

Technical data sheet

Coaxial protection device for SAT and cable multi-switch

Item number: 5083400



Technical data

| | |
|--|---------------------------|
| Protection level Terrestrial input at In | <500 V |
| Signalling on device | None |
| SPD to IEC 61643-21 | Class II+III / C2+C1 |
| Plug-in system | F |
| Impulse durability wire-wire | C2: 10 kV / 5 kA (8/20µs) |
| Impulse durability wire-earth | C2: 10 kV / 5 kA (8/20µs) |
| Permitted temperature range, max. | 80 °C |
| Permitted temperature range, min. | -40 °C |
| Wave resistance | 75 Ω |