

# Technical data sheet

## Coaxial protection device for F connection: male/female

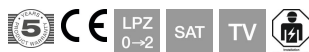
Item number: 5093275



Coaxial data cable protection devices

- Basic protection
- High pulsed current carrying capacity 2 x 2.5 kA (10/350 µs)
- Simple installation (adapter plug), m = plug/f = female connector
- Various plug combinations
- With F connector
- Optimised transmission behaviour
- Including OBO M25 Quick clip for simple installation

Application: Protection of TV and SAT systems, multi-switches, receivers and DVB-T(2)



### Master data

|                     |                           |
|---------------------|---------------------------|
| Item number         | 5093275                   |
| Type                | DS-F M/W                  |
| Description 1       | Protective device         |
| Description 2       | for high-frequency cables |
| Manufacturer        | OBO                       |
| Dimension           | 130V                      |
| Smallest sales unit | 1                         |
| Unit of quantity    | Piece                     |
| Weight              | 9 kg                      |
| Weight unit         | kg/100 pc.                |

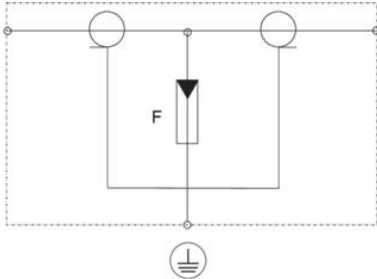
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|   |                           |
|---|---------------------------|
| Arrestor monitoring                     | no                        |
| Number of poles                         | 1                         |
| Insertion loss                          | ≤0,9 dB                   |
| Explosion-tested version                | no                        |
| Telecommunications contact              | no                        |
| Total discharge current (10/350)        | 2                         |
| Total discharge current (8/20)          | 10 kA                     |
| Cut-off frequency                       | 3400 MHz                  |
| Maximum continuous voltage AC           | 130                       |
| Maximum continuous voltage DC           | 185                       |
| Lightning impulse current               | 1 kA                      |
| Insulation resistance                   | >1 GΩ                     |
| Capacity (wire-wire)                    | <10 pF                    |
| Capacity (wire-earth)                   | <20 pF                    |
| Kategorie                               | Type 1+2 / D1+C2          |
| Lightning protection zone LPZ           | 0→2                       |
| Mounting type                           | Connector/cable adapter   |
| Nominal load current AC                 | 3.5                       |
| Nominal load current DC                 | 5 A                       |
| Testing standard                        | IEC 61643-21              |
| Return loss                             | ≥14                       |
| Shielding connection available          | yes                       |
| Screening                               | Direct                    |
| Protection rating                       | IP40                      |
| Protection level                        | <800 V                    |
| Protection level wire-wire              | <800 V                    |
| Protection level wire-earth             | <800 V                    |
| Signalling on device                    | None                      |
| SPD to IEC 61643-21                     | Class I+II / D1+C2        |
| 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                      |
| Cable type for surge protection devices | Data cable COAX           |