

# Technical data sheet

Coaxial protection device for TNC connection:  
male/female  
Item no. 5093270

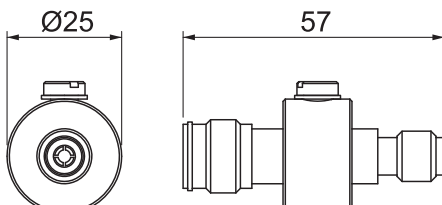


Coaxial data cable protection devices

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



## Dimensions



## Master data

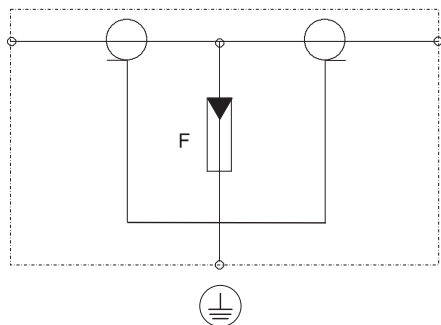
|                          |                           |
|--------------------------|---------------------------|
| Item no.                 | 5093270                   |
| Type                     | DS-TNC M/W                |
| Description 1            | Protective device         |
| Description 2            | for high-frequency cables |
| Dimension                | 130V                      |
| Smallest sales unit (VG) | 1,00 Piece                |
| Weight                   | 7,95 kg/100 pc.           |

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|                                    |                           |
|------------------------------------|---------------------------|
| Arrestor monitoring                | <input type="checkbox"/>  |
| Category                           | Type 1+2 / D1+C2          |
| SPD to IEC 61643-21                | Class I+II / D1+C2        |
| Number of poles                    | 1,00                      |
| Insertion loss                     | ≤0,5 dB                   |
| Explosion-tested version           | <input type="checkbox"/>  |
| Telecommunications contact         | <input type="checkbox"/>  |
| Total discharge current (8/20)     | 10 kA                     |
| Total discharge current (10/350)   | 5 kA                      |
| Frequency range                    | 0 - 4 GHz                 |
| Frequency range                    | 0,00 - 4.000,00 MHz       |
| Cut-off frequency                  | 4.000,00 MHz              |
| Maximum continuous voltage AC      | 130,00 V                  |
| Maximum continuous voltage DC      | 185,00 V                  |
| Insulation resistance              | >1 GΩ                     |
| Impulse discharge current (10/350) | 2,50 kA                   |
| Capacity (wire-wire)               | <10 pF                    |
| Capacity (wire-earth)              | <20 pF                    |
| Lightning protection zone LPZ      | 0→2                       |
| Rated current                      | 10,00 A                   |
| Nominal load current AC            | 7,00 A                    |
| Nominal load current DC            | 10,00 A                   |
| Installation type                  | Connector/cable adapter   |
| Testing standard                   | IEC 61643-21              |
| Return loss                        | ≥14 dB                    |
| Shielding connection available     | Yes                       |
| Shield connection                  | Direct                    |
| Protection rating                  | IP40                      |
| Protection level                   | <800 V                    |
| Protection level wire-wire         | <800 V                    |
| Protection level wire-earth        | <800 V                    |
| Signalling on device               | None                      |
| Connection system                  | TNC                       |
| Impulse durability wire-wire       | C2: 10 kV / 5 kA (8/20μs) |
| Impulse durability wire-earth      | C2: 10 kV / 5 kA (8/20μs) |
| Temperature range                  | -40+80 °C                 |
| Wave resistance                    | 50 Ω                      |