

# Technical data sheet

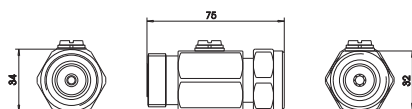
Coaxial protection device for 7/16 connection:  
male/female  
Art.-Nr. 5093171



Data cable protection unit for HF cables



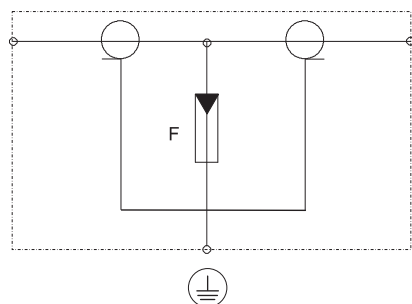
## Dimensions



## Master data

|                     |                             |
|---------------------|-----------------------------|
| Item no.            | 5093171                     |
| Type                | DS-7 16 M/W                 |
| Description 1       | Data line protection device |
| Description 2       | for HF lines                |
| Dimension           | 170V                        |
| Smallest sales unit | 1,00 Piece                  |
| Weight              | 35,50 kg/100 pc.            |

## Technical data



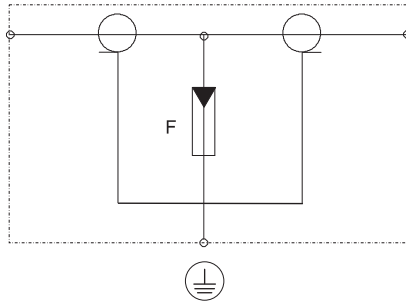
|                                    |                          |
|------------------------------------|--------------------------|
| Arrestor monitoring                | <input type="checkbox"/> |
| Category                           | Type 1+2 / D1+C2         |
| SPD to IEC 61643-21                | Class I+II / D1+C2       |
| Number of poles                    | 1,00                     |
| Insertion loss                     | ≤0,95 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 - 3 GHz                |
| Frequency range                    | 0,00 - 3.000,00 MHz      |
| Cut-off frequency                  | 3.000,00 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                   |

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|                                |                           |
|--------------------------------|---------------------------|
| 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              | 7/16                      |
| 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                      |