

# FX-090-F75-T-F/F

## SPD - for data, signalling and telecommunications lines / Coaxial lines / ST1 (FX)

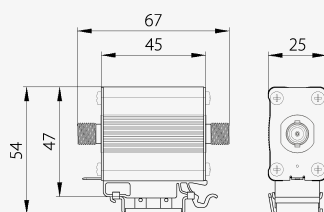
Lightning current arrester for coaxial lines (aerial antenna)

F connectors, 75 ohm

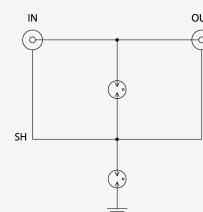
- lightning current arrested with floating shielding (separated with GDT)
- installation at the boundary of LPZ 0 and LPZ 1 zones at the line entry into building
- for protection of coaxial lines of TV and CCTV systems, suitable as the 1st level of surge for protection in coordination with the SX type
- in the scope of delivery: universal plastic adapter for mounting on DIN rail and GND 2 holder



Product dimensions



Basic circuit diagram



| Parameter name  | Parameter value        |
|---|------------------------|
| Type of SPD   | D1,C2                  |
| Location of SPD                                       | ST 1                   |
| Mounting  | DIN rail 35 mm         |
| Maximum operating voltage                             | $U_c$ 70.00 V DC       |
| Nominal load current                                  | $I_L$ 4.000 A          |
| Frequency range                                       | $f$ 0,00 - 2150,00 MHz |
| Impedance   | $Z$ 75 $\Omega$        |
| Insertion loss  | 0.20 dB                |
| VSWR typ. (max.)                                      | VSWR 1,3               |
| D1 impulse discharge current (10/350 $\mu$ s) SH-PE   | $I_{imp}$ 2.50 kA      |
| D1 impulse discharge current (10/350 $\mu$ s) core-SH | $I_{imp}$ 2.50 kA      |
| C2 nominal discharge current (8/20 $\mu$ s) SH-PE     | $I_n$ 10.00 kA         |

|   |       |   |
|---|-------|---|
| C2 nominal discharge current (8/20 $\mu$ s) core-SH       | $I_n$ | 10.00 kA  |
| C3 voltage protection level mode SH-PE at 1 kV/ $\mu$ s   | $U_p$ | 600 V   |
| C3 voltage protection level mode core-SH at 1 kV/ $\mu$ s | $U_p$ | 600 V   |
| Response time core-SH                                     | $t_a$ | 100 ns  |
| Response time SH-PE                                       | $t_a$ | 100 ns  |
| Connection (input - output)                               |       | F 75  |
| Degree of protection                                      |       | IP 20   |
| Range of ambient temperatures (min/max)                   |       | -40 / 80 °C                                     |
| According to standard                                     |       | EN 61643-21+A1,A2:2013, IEC 61643-21+A1,A2:2012 |
| ETIM Class  |       | EC001466  |
| Customs tariff number                                     |       | 85363010  |
| EAN   |       | 8595090533870                                   |
| Order number  |       | A03387  |