FX-090-F75-T-F/F

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

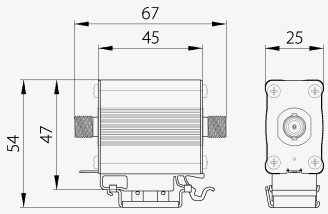
Lightning current arrester for coaxial lines (aerial antenna)

F connectors, 75 ohm

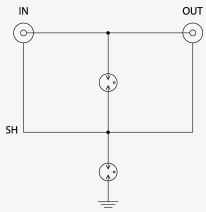
- lightning current arrested with floating shielding (separated with GDT)
- installation at the boundary of LPZ 0 and LPZ 1 zones at the line entry into building
- for protection of coaxial lines of TV and CCTV systems, suitable as the 1st level of surge for protection in coordination with the SX type
- 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 Ω
Insertion loss		0.20 dB
VSWR typ. (max.)	VSWR	1,3
D1 impulse discharge current (10/350 µs) SH-PE	I_{imp}	2.50 kA
D1 impulse discharge current (10/350 µs) core-SH	I_{imp}	2.50 kA
C2 nominal discharge current (8/20 µs) SH-PE	I_n	10.00 kA

C2 nominal discharge current (8/20 µs) core-SH	I_n	10.00 kA
C3 voltage protection level mode SH-PE at 1 kV/µs	U_p	600.00 V
C3 voltage protection level mode core-SH at 1 kV/µs	U_p	600.00 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