

# FX-090-B75-T-F/F

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

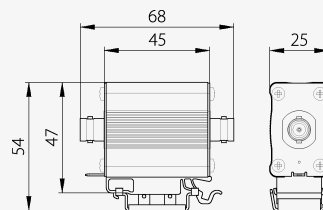
Lightning current arrester for coaxial lines (aerial antenna)

BNC connectors, 75 ohm

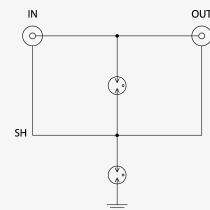
- lightning current arrested with floating shielding (separated with GDT)
- installation at the boundary of LPZ 0 and LPZ 1 zones at the line entry into building
- for protection of coaxial lines of TV and CCTV systems, suitable as the 1st level of surge for protection in coordination with the SX type
- 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	0.60 dB
VSWR typ. (max.)	VSWR 1,2
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	$U_p$	600.00 V
C3 voltage protection level mode core-SH at 1 kV/ $\mu$ s	$U_p$	600.00 V
Response time core-SH	$t_a$	100 ns
Response time SH-PE	$t_a$	100 ns
Connection (input - output)		BNC 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		8595090533856
Order number		A03385