

FX-090 F75 T F/F

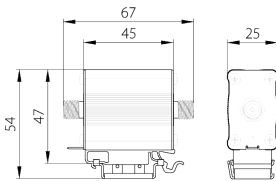
Ordering number 8595090533870

Lightning Current Arrester for coaxial line

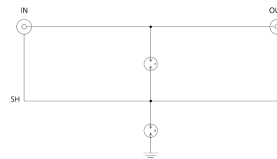
Protection for coaxial lines. Installation at the boundary of LPZ 0 and LPZ 1 zones at the line input into the building. Suitable as the 1st level of surge protection in coordination with the SX type.



Dimension drawing



Basic circuit diagram



Technical specifications

Type of SPD		D1,C2
Location of SPD		ST 1
Maximum operating voltage	U_c	70 V DC
Nominal load current	I_L	4,000 A
C2 nominal discharge current (8/20 μ s) core-SH	I_n	10,00 kA
C2 nominal discharge current (8/20 μ s) SH-PE	I_n	10,00 kA
D1 impulse discharge current (10/350 μ s) core-SH	I_{imp}	2,50 kA
D1 impulse discharge current (10/350 μ s) SH-PE	I_{imp}	2,50 kA
C3 voltage protection level mode core-SH at 1 kV/ μ s	U_p	600 V
C3 voltage protection level mode SH-PE at 1 kV/ μ s	U_p	600 V
Wave impedance	Z	75 Ω
Insertion attenuation		0,20 dB
SWR		1,3
Bandwidth - min	f	0,00 MHz
Bandwidth - max	f	2 150,00 MHz
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 operating temperatures - min		-40 °C
Range of operating temperatures - max		80 °C
Mounting		DIN rail 35 mm
According to standard		EN 61643-21+A1,A2:2013, IEC 61643-21+A1,A2:2012
ETIM Class		EC001466