

# FX-090 B75 T F/F

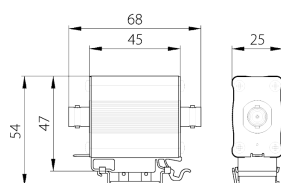
Ordering number 8595090533856

## Lightning Current Arrester for coaxial line

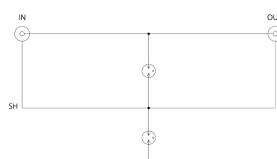
Protection for coaxial lines. Installation at the boundary of LPZ 0 and LPZ 1 zones at the line input into the building. Suitable as the 1st level of surge protection in coordination with the SX type.



### 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 $\mu$ s) core-SH	$I_n$	10,00 kA
C2 nominal discharge current (8/20 $\mu$ s) SH-PE	$I_n$	10,00 kA
D1 impulse discharge current (10/350 $\mu$ s) core-SH	$I_{imp}$	2,50 kA
D1 impulse discharge current (10/350 $\mu$ s) SH-PE	$I_{imp}$	2,50 kA
C3 voltage protection level mode core-SH at 1 kV/ $\mu$ s	$U_p$	600 V
C3 voltage protection level mode SH-PE at 1 kV/ $\mu$ s	$U_p$	600 V
Wave impedance	Z	75 $\Omega$
Insertion attenuation		0,60 dB
SWR		1,2
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)		BNC 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