

# SX-090-B50-F/F

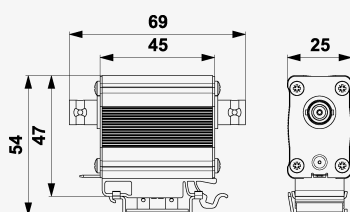
## SPD - for data, signalling and telecommunications lines / Coaxial lines / ST2 (SX)

Surge arrester for protection of sensitive coaxial inputs of professional receivers 50 Ohm  
BNC connectors 50 ohm

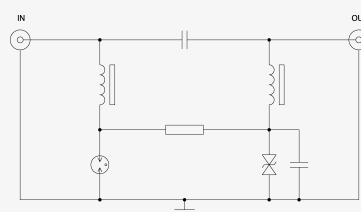
- surge arrester, shielding connected to protective grounding
- installation close to protected equipment
- for protection of sensitive coaxial inputs of professional receivers



Product dimensions



Basic circuit diagram



Parameter name		Parameter value
Type of SPD		D1,C2,C3
Location of SPD		ST 1+2+3
Mounting		DIN rail 35 mm
Maximum operating voltage	$U_c$	26.00 V DC
Nominal load current	$I_L$	0.700 A
Frequency range	$f$	0,00 - 3000,00 MHz
Impedance	$Z$	50 $\Omega$
Insertion loss		1.50 dB
VSWR typ. (max.)	VSWR	1,2 (1,3)
D1 impulse discharge current (10/350 $\mu$ s) core-PE	$I_{imp}$	0.50 kA
C2 nominal discharge current (8/20 $\mu$ s) core-PE	$I_n$	2.50 kA
Dynamic spark-over voltage at 1kV/ $\mu$ s	$U_{dyn}$	85.00 V
Response time core-PE	$t_a$	1 ns
Connection (input - output)		
Degree of protection		IP 20
Range of ambient temperatures (min/max)		-40 / 80 $^{\circ}$ C
Humidity		5 - 95 %

According to standard	<b>EN 61643-21+A1,A2:2013, IEC 61643-21+A1,A2:2012</b>
ETIM Class	<b>EC001625</b>
Customs tariff number	<b>85363010</b>
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