

# HX-090 SMA F/M

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

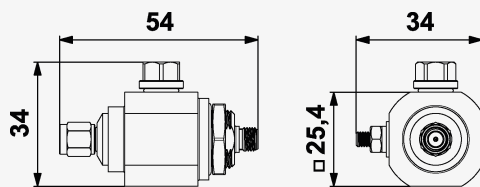
Lightning current arrester for coaxial lines (antennas)

SMA connectors, 50 Ohm

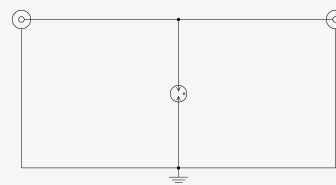
- lightning current arrester for coaxial line
- installation at the boundary of LPZ 0 and LPZ 1 zones at the line entry into building
- for protection of telecommunication equipment against impact of direct or indirect lightning strike
- suitable for the combined signal and power supply distribution



Product dimensions



Basic circuit diagram



Parameter name	Parameter value
Type of SPD	D1,C2
Location of SPD	ST 1+2
Maximum operating voltage	$U_c$ 70.00 V DC
Nominal load current	$I_L$ 6.000 A
Frequency range	$f$ 0,00 - 3800,00 MHz
Impedance	$Z$ 50 $\Omega$
Power (CW)	$P$ 40.00 W
Insertion loss typ. (max.)	$A$ 0,2 (0,4) dB
VSWR typ. (max.)	VSWR 1,1 (1,2)
D1 impulse discharge current (10/350 $\mu$ s) core-PE	$I_{imp}$ 2.50 kA
C2 nominal discharge current (8/20 $\mu$ s) core-PE	$I_n$ 10.00 kA
Dynamic spark-over voltage at 1kV/ $\mu$ s	$U_{dyn}$ 700.00 V
Response time core-PE	$t_a$ 100 ns

Connection (input - output)	SMA 50
Degree of protection	IP 66
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	8595090541349
Order number	A04134

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