HX-090 N50 F/M

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

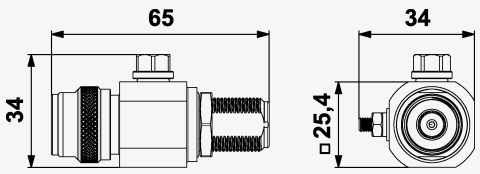
Lightning current arrester for coaxial lines (antennas)

N connectors, 50 Ohm

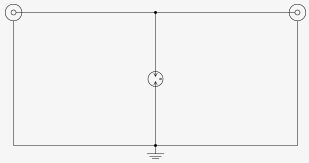
- lightning current arrester for coaxial line
- installation at the boundary of LPZ 0 and LPZ 1 zones at the line entry into building
- for protection of telecommunication equipment against impact of direct or indirect lightning strike
- suitable for the combined signal and power supply distribution



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 Ω
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 µs) core-PE	I_{imp}	2.50 kA
C2 nominal discharge current (8/20 µs) core-PE	I_n	10.00 kA
Dynamic spark-over voltage at 1kV/µs	U_{dyn}	700.00 V
Response time core-PE	t_a	100 ns

Connection (input - output)	**N 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	**85363030**
EAN	**8595090533467**
Order number	**A03346**