

DL-1G-RJ45-PoE-AB

Ordering number 8595090561484

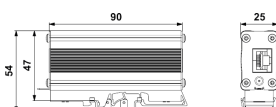
Surge Arrester for Power over Ethernet

RJ45 sockets

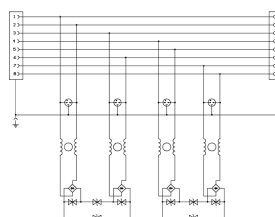
combination of coarse and fine protection of Ethernet line with PoE, installation at the entry of the line into building and close to protected equipment, at the boundary of LPZ 0 and LPZ 1 or higher, for protection of Ethernet line Cat. 6 with PoE (Power over ethernet) Mode A, B against surge voltage, in the scope of delivery: universal plastic adapter for mounting on DIN rail and GND 2 holder



Dimension drawing



Basic circuit diagram



Technical specifications

Type of SPD		D1,C2,C3
D1 total discharge current (10/350 μ s) cores-PE	I_{Total}	2,00 kA
Degree of protection		IP 20
Range of ambient temperatures - min		-40 °C
Range of ambient 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		EC001473

Line part

Location of SPD		ST 1+2+3
Maximum operating voltage	U_c	8,50 V DC
Nominal load current	I_L	0,500 A
C2 nominal discharge current (8/20 μ s) per core	I_n	0,15 kA
C2 total discharge current (8/20 μ s) cores-PE	I_{Total}	10,00 kA
C2 voltage protection level mode core-core at In	U_p	60 V
C3 voltage protection level mode core-core at 1 kV/ μ s	U_p	22 V
C3 voltage protection level mode core-PE at 1 kV/ μ s	U_p	500 V
Response time core-core	t_a	1 ns
Response time core-PE	t_a	100 ns
Insertion attenuation at 250 MHz		1,20 dB
Connection (input - output)		RJ 45/RJ 45

Power part

Maximum operating voltage	U_c	58,00 V DC
Nominal load current	I_L	1,500 A
C2 nominal discharge current (8/20 μ s) core-core	I_n	0,15 kA
C2 total discharge current (8/20 μ s) cores-PE	I_{Total}	10,00 kA
C2 voltage protection level mode (POE) at In		90,00 V
C3 voltage protection level mode (POE) at 1 kV/ μ s		80,00 V
C3 voltage protection level mode core-PE at 1 kV/ μ s	U_p	500 V
Response time core-core	t_a	1 ns
Response time core-PE	t_a	100 ns