

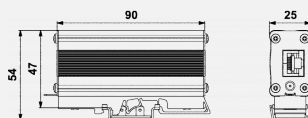
DL-1G-RJ45-POE-AB

RJ45 sockets

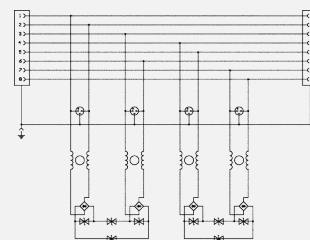
- combination of coarse and fine protection of Ethernet line with PoE
- installation at the entry of the line into building and close to protected equipment, at the boundary of LPZ 0 and LPZ 1 or higher
- for protection of Ethernet line with PoE against surge voltage
- for all types of PoE / PoE + / PoE ++
- in the scope of delivery: universal plastic adapter for mounting on DIN rail and GND 2 holder



Dimension drawing



Basic circuit diagram



Parameter / Type		DL-1G-RJ45-PoE-AB
Type of SPD		D1,C2,C3
Location of SPD		ST 1+2+3
Mounting		DIN rail 35 mm
Maximum operating voltage	U_c	8,50 V DC
Maximum operating voltage POE		58,00 V DC
Nominal load current		0,5 A
Treshold frequency core-core	f	250,00 MHz
Insertion attenuation at 100 MHz		1,20 dB
D1 total discharge current (10/350 μ s) cores-PE	I_{Total}	2,00 kA
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 (POE) at $I_n = 1,25$ kA	U_c	90,00 V
C2 voltage protection level mode core-PE at $I_n = 1,25$ kA	U_p	700,00 V
C2 voltage protection level mode core-core at I_n	U_p	60 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
C3 voltage protection level mode core-core at 1 kV/ μ s	U_p	22 V
Response time core-core	t_a	1 ns
Response time core-PE	t_a	100 ns
Connection (input - output)		RJ 45/RJ 45
Degree of protection		IP 20
Range of ambient temperatures (min/max)		-40 / 80 °C
Humidity		5 - 95 %
According to standard		EN 61643-21+A1,A2:2013, IEC 61643-21+A1,A2:2012
ETIM Class		EC001473

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