

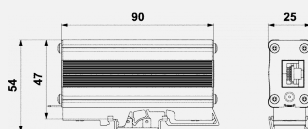
DL-CAT.6

RJ45 sockets

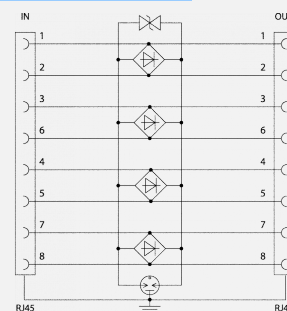
- fine surge protection of Ethernet line
- installation close to protected equipment
- for protection of Ethernet line Cat. 6 against surge voltage
- in the scope of delivery: universal plastic adapter for mounting on DIN rail and GND 2 holder



Dimension drawing



Basic circuit diagram



Parameter / Type		DL-Cat.6
Type of SPD		C2,C3
Location of SPD		ST 2+3
Mounting		DIN rail 35 mm
Maximum operating voltage	U_c	6,00 V AC
Maximum operating voltage	U_c	8,50 V DC
Maximum operating voltage POE	U_c	6,00 V AC
Maximum operating voltage POE		8,50 V DC
Nominal load current		0,5 A
Treshold frequency core-core	f	250,00 MHz
Insertion attenuation at 100 MHz		1,90 dB
C2 nominal discharge current (8/20 μ s) per core	I_n	0,20 kA
C2 total discharge current (8/20 μ s) cores-PE	I_{Total}	1,60 kA
C2 voltage protection level mode (POE) at In		40,00 V
C2 voltage protection level mode core-PE at In	U_p	350 V
C2 voltage protection level mode core-core at In	U_p	40 V
C3 voltage protection level mode (POE) at 1 kV/ μ s		65,00 V
C3 voltage protection level mode core-PE at 1 kV/ μ s	U_p	350 V
C3 voltage protection level mode core-core at 1 kV/ μ s	U_p	65 V
Response time core-core	t_a	1 ns
Response time core-PE	t_a	100 ns
Connection (input - output)		RJ45/RJ45
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		EC000943
Customs tariff number		85363010
EAN		8595090536031

