DL-Cat.6A

SPD - for data, signalling and telecommunications lines / ICT / Ethernet and PoE - compact

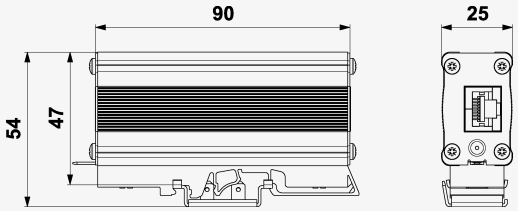
Surge protection for Ethernet without PoE

RJ45 sockets1

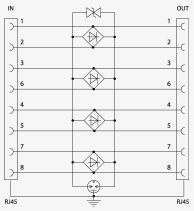
- fine surge protection of Ethernet line
- installation close to protected equipment
- for protection of Ethernet line Cat. 6A against surge voltage
- in the scope of delivery: universal plastic adapter for mounting on DIN rail and GND 2 holder



Product dimensions



Basic circuit diagram



Parameter name		Parameter value
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	U_c	8.50 V DC
Nominal load current per core at 25 °C	I_L	0.5 A
Treshold frequency core-core	f	500.00 MHz
Insertion attenuation at treshhold frequency		2.90 dB
C2 nominal discharge current (8/20 µs) core-core	I_n	0.20 kA
C2 total discharge current (8/20 µs) cores-PE	I_{Total}	1.60 kA
C2 voltage protection level mode core-core (@Uoc/In)	U_p	90,00 V (0,4 kV / 0,2 kA)
C2 voltage protection level mode core-PE (@Uoc/In)	U_p	400,00 V (0,4 kV / 0,2 kA)

C2 voltage protection level mode pair-pair (POE) (@Uoc/In)	U_p	90,00 V (0,4 kV / 0,2 kA)
C3 voltage protection level mode core-core (@In - 1 kV/µs)	U_p	40,00 V (10 A)
C3 voltage protection level mode core-PE (@In - 1 kV/µs)	U_p	600,00 V (10 A)
C3 voltage protection level mode pair-pair (POE) (@In - 1 kV/µs)	U_p	40,00 V (10 A)
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 30 (without connectors IP 10)
Range of ambient temperatures (min/max)		-25 / 50 °C
Humidity		15 - 85 %
According to standard		EN 61643-21+A1,A2:2013, IEC 61643-21+A1,A2:2012
ETIM Class		EC000943
Customs tariff number		85363030
EAN		8595090565741
Order number		A06574