

DL-Cat.6A

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

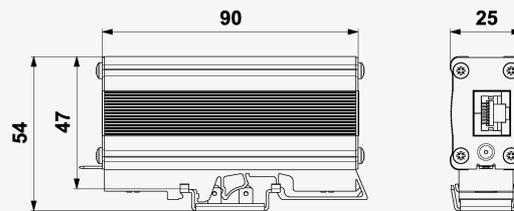
Surge protection for Ethernet without PoE

RJ45 sockets1

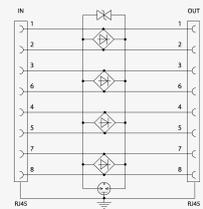
- fine surge protection of Ethernet line
- installation close to protected equipment
- for protection of Ethernet line Cat. 6A against surge voltage
- in the scope of delivery: universal plastic adapter for mounting on DIN rail and GND 2 holder



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 treshold frequency | | 2.90 dB |
| C2 nominal discharge current (8/20 μ s) core-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 core-core (@ U_{oc}/I_n) | U_p | 90,00 V (0,4 kV / 0,2 kA) |
| C2 voltage protection level mode core-PE (@ U_{oc}/I_n) | 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/ μ s) | U_p | 40,00 V (10 A) |
| C3 voltage protection level mode core-PE (@In - 1 kV/ μ s) | U_p | 600,00 V (10 A) |
| C3 voltage protection level mode pair-pair (POE) (@In - 1 kV/ μ s) | 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 |