

DMS-024T

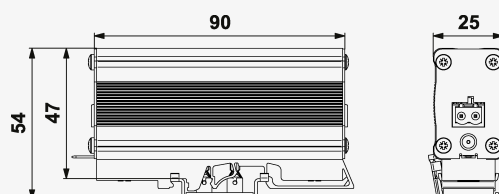
SPD - for data, signalling and telecommunications lines / I&C / Specials - limiting current

Surge protection with voltage and current limiting
coupling impedance (resistance)

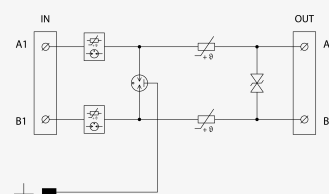
- special two-stage surge protection of 2-core signalling line with current limiting
- installation close to protected equipment
- for protection of communication interfaces, mainly the measuring loops, of I<(>&<)>C, electronic security and fire detection systems, etc. against surge voltage where are long parallel lines with power network
- coarse and fine surge protection in differential mode (core – core) and coarse surge protection in common mode (core – PE)



Product dimensions



Basic circuit diagram



| Parameter name | Parameter value |
|------------------------------|--------------------------------------|
| Type of SPD | C2 |
| Location of SPD | ST 2+3 |
| Mounting | DIN rail 35 mm |
| Nominal voltage | U_n 24 V DC |
| Maximum operating voltage | U_c 23.00 V AC |
| Maximum operating voltage | U_c 33.00 V DC |
| Nominal load current | I_L 0.060 A |
| Treshold frequency core-core | f 1.10 MHz |
| Serial resistance per core | R 13.00 Ω |

| | | |
|--|-------------|---|
| C2 nominal discharge current (8/20 μ s) per core | I_n | 5.00 kA |
| C2 total discharge current (8/20 μ s) cores-PE | I_{Total} | 10.00 kA |
| C2 voltage protection level mode core-PE at I_n | U_p | 500 V |
| C2 voltage protection level mode core-core at I_n | U_p | 75 V |
| Response time core-core | t_a | 1 ns |
| Response time core-PE | t_a | 100 ns |
| Connection (input - output) | | terminals |
| Cross-section of connected conductors solid (max) | | 2.50 mm ² |
| Cross-section of connected conductors stranded (max) | | 2.50 mm ² |
| Degree of protection | | IP 20 |
| Range of ambient temperatures (min/max) | | -40 / 70 °C |
| According to standard | | EN 61643-21+A1,A2:2013, IEC 61643-21+A1,A2:2012 |
| ETIM Class | | EC001625 |
| Customs tariff number | | 85363030 |
| EAN | | 8595090565963 |
| Order number | | A06596 |