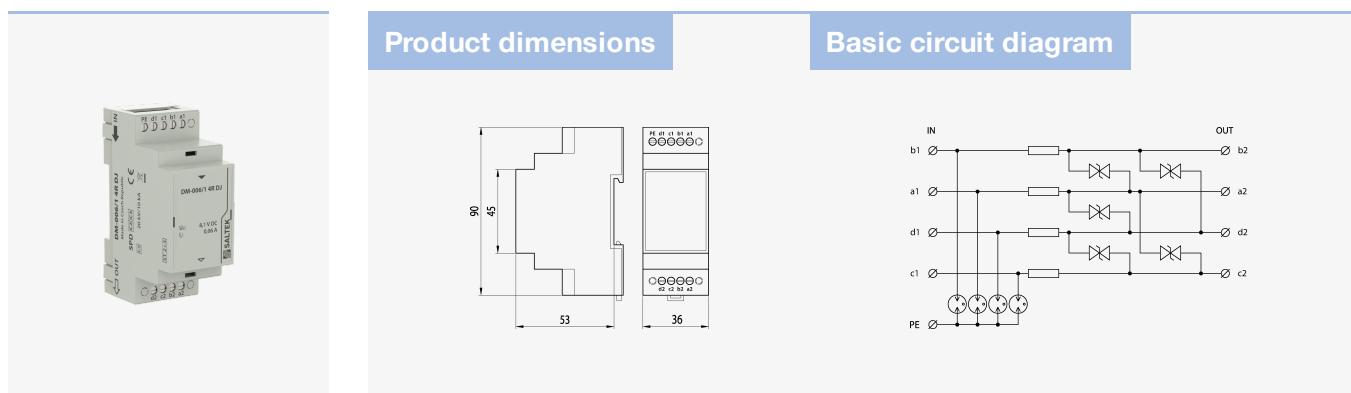


DM-006/1 4R DJ

SPD - for data, signalling and telecommunications lines / I&C / ST2+3 (DM) - compact

Surge protection for 4-core signalling lines
coupling impedance (R – resistance)

- coarse and fine surge protection for 4-core signalling lines
- installation close to protected equipment
- for protection of communication interfaces of I&C, electronic security and fire detection systems, etc. (mainly for RS-485 interfaces) against impact of surge voltage
- coarse and fine surge protection in differential mode (core – core) and coarse protection in common mode (core – PE)



| Parameter name | Parameter value |
|------------------------------|-----------------|
| Type of SPD | C2,C3 |
| Location of SPD | ST 2+3 |
| Mounting | DIN rail 35 mm |
| Nominal voltage | U_n 6 V DC |
| Maximum operating voltage | U_c 5.70 V AC |
| Maximum operating voltage | U_c 8.10 V DC |
| Nominal load current | I_L 0.060 A |
| Treshold frequency core-core | f 1.00 MHz |
| Serial resistance per core | R 6.80 Ω |

| | | |
|---|---|----------|
| C2 nominal discharge current (8/20 µs) per core | I_n | 10.00 kA |
| C2 voltage protection level mode core-PE at I_n | U_p | 350 V |
| C2 voltage protection level mode core-core at I_n | U_p | 25 V |
| C3 voltage protection level mode core-PE at 1 kV/µs | U_p | 650 V |
| C3 voltage protection level mode core-core at 1 kV/µs | U_p | 12 V |
| Response time core-core | t_a | 1 ns |
| Response time core-PE | t_a | 100 ns |
| Connection (input - output) | terminals-terminals | |
| Cross-section of connected conductors solid (max) | 4.00 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 / 80 °C | |
| According to standard | EN 61643-21+A1,A2:2013, IEC 61643-21+A1,A2:2012 | |
| ETIM Class | EC001625 | |
| Customs tariff number | 85363010 | |
| EAN | 8595090516750 | |
| Order number | A01675 | |