# DP-012-25

## SPD - for data, signalling and telecommunications lines / I&C / Supply (DP and DMP) - compact

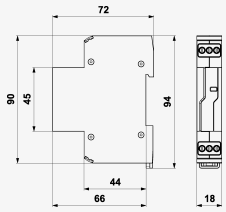
Surge protection for ELV of AC/DC power supply networks

visual fault singalling

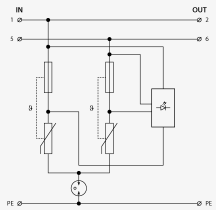
- surge protection for all types of ELV electric and electronic equipments against surge voltage
- installation to LV installations, close to protected equipment
- for protection of the equipments against impact of induced overvoltages during a lightning strike or switching overvoltages



### Product dimensions




### Basic circuit diagram




| Parameter name | | Parameter value |
|---|---|---|
| Type of SPD | | T3 |
| Location of SPD | | ST 2 |
| Mounting | | DIN rail 35 mm |
| Nominal voltage | $U_n$ | 12.00 V AC |
| Maximum operating voltage | $U_c$ | 20.00 V AC |
| Maximum operating voltage | $U_c$ | 20.00 V DC |
| Nominal load current | $I_L$ | 25.000 A |
| Maximum overcurrent protection | | 25 A gL/gG or C 25 A |
| C2 nominal discharge current (8/20 µs) per core | $I_n$ | 2.00 kA |
| Test voltage L+ - L- | | 4.0 kV |
| Test voltage L+(L-)-PE | | 4.0 kV |
| voltage protection level L+ - L- | | 0.18 kV |
| voltage protection level L+(L-)-PE | | 0.55 kV |
| C2 voltage protection level mode core-PE at In | $U_p$ | 550.00 V |
| C2 voltage protection level mode core-core at In | $U_p$ | 180.00 V |
| Response time L+ - L- | | 25 ns |

| | |
|---|---|
| Response time L+(L-)-PE | **100 ns** |
| Connection (input - output) | **terminals-terminals** |
| Cross-section of connected conductors solid (max) | **6.00 $mm^2$** |
| Cross-section of connected conductors stranded (max) | **6.00 $mm^2$** |
| Fault indication | **red indicator** |
| Degree of protection | **IP 20** |
| Range of ambient temperatures (min/max) | **-40 / 80 °C** |
| Humidity | **5 - 95 %** |
| According to standard | **EN 61643-11:2012, IEC 61643-11:2011** |
| ETIM Class | **EC000942** |
| Customs tariff number | **85363030** |
| EAN | **8595090560968** |
| Order number | **A06096** |