

# SLP-275 V/1 S

## SPD - for low voltage / SPD type 2 / MOV

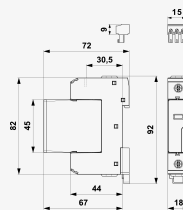
Surge arrester for TN and TT systems

pluggable module, visual fault signalling, remote fault signalling

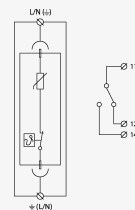
- varistor surge arrester
- installation to LV installations, especially to sub-distribution boards
- for protection of the installations and equipments against impact of induced overvoltages during a lightning strike or switching overvoltages



Product dimensions



Basic circuit diagram



| Parameter name                           | Parameter value    |
|--|--------------------|
| Type of SPD                              | T2                 |
| Mounting                                 | DIN rail 35 mm     |
| Nominal voltage                          | $U_n$ 230.00 V AC  |
| Maximum operating voltage                | $U_c$ 275.00 V AC  |
| Maximum operating voltage                | $U_c$ 350.00 V DC  |
| Type of network                          | TN                 |
| Maximum overcurrent protection           | 160 A gL/gG        |
| Short-circuit current rating             | $I_{SCCR}$ 50.0 kA |
| Nominal discharge current (8/20 $\mu$ s) | $I_n$ 20.00 kA     |
| Maximum discharge current (8/20 $\mu$ s) | $I_{max}$ 40.00 kA |
| Voltage protection level                 | $U_p$ 1.35 kV      |
| Voltage protection level at 5 kA         | $U_p$ 0.90 kV      |
| Response time                            | $t_a$ 25 ns        |
| TOV 5 s L-N                              | 335 V              |
| TOV characteristic (TOV 5 s)             | withstand          |
| TOV 120 min L-N                          | 440 V              |
| TOV characteristic (120 min)             | safe failure       |

|  |                                     |
|--|-------------------------------------|
| Cross-section of connected conductors solid (min)            | 1.00 mm <sup>2</sup>                |
| Cross-section of connected conductors solid (max)            | 35.00 mm <sup>2</sup>               |
| Cross-section of connected conductors stranded (min)         | 1.00 mm <sup>2</sup>                |
| Cross-section of connected conductors stranded (max)         | 25.00 mm <sup>2</sup>               |
| Cross-section of remote indication conductors solid (max)    | 1.5 mm <sup>2</sup>                 |
| Cross-section of remote indication conductors stranded (max) | 1.5 mm <sup>2</sup>                 |
| Fault indication   | red indication field                |
| Remote indication  | potential-free change-over contact  |
| Remote indication contacts                                   | 250V/0,5A AC,250V/0,1A DC           |
| 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   | EC000941                            |
| Plug module  | SLP-275 V/0                         |
| Customs tariff number  | 85363030                            |
| EAN  | 8595090516187                       |
| Order number   | A01618                              |