

FLP-A100N VS/NPE

SPD - for low voltage / SPD type 1 / N-PE

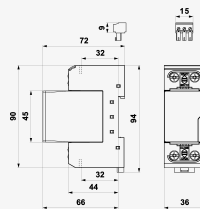
Lightning current arrester between N and PE (for connection 3+1) for TT system

spark gap for N-PE, pluggable module, module locking

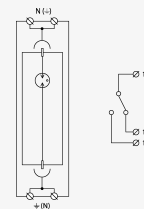
- for connection Type 1 SPD in 3+1 mode
- installation at the boundary of zones LPZ 0 and LPZ 1 or higher, mainly to main distribution boards
- for protection against impact of direct or indirect lightning strikes



Product dimensions



Basic circuit diagram



| Parameter name | Parameter value |
|---|-----------------------|
| Type of SPD | T1 |
| Mounting | DIN rail 35 mm |
| Maximum operating voltage | U_c 255.00 V AC |
| Nominal load current for "V" connection | I_L 125 A |
| Type of network | TT |
| Nominal discharge current (8/20 μ s) | I_n 100.00 kA |
| Maximum discharge current (8/20 μ s) | I_{max} 100.00 kA |
| Voltage protection level | U_p 1.50 kV |
| Ability to independently switch off the following current | I_{fi} 0.1 kA |
| Response time | t_a 100 ns |
| TOV 200 ms N-PE | 1 200 V |
| TOV characteristic (TOV 200 ms) | withstand |
| Cross-section of connected conductors solid (min) | 2.50 mm ² |
| Cross-section of connected conductors solid (max) | 50.00 mm ² |
| Cross-section of connected conductors stranded (min) | 2.50 mm ² |

| | |
|--|---|
| Cross-section of connected conductors stranded (max) | 35.00 mm ² |
| Cross-section of remote indication conductors solid (max) | 1.5 mm ² |
| Cross-section of remote indication conductors stranded (max) | 1.5 mm ² |
| Fault indication | remote signalling of N-PE module shows the presence of the replaceable module |
| 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 |
| According to standard | EN 61643-11:2012, IEC 61643-11:2011 |
| ETIM Class | EC000381 |
| Plug module | FLP-A100N V/0 |
| Customs tariff number | 85363090 |
| EAN | 8595090535744 |
| Order number | A03574 |