

FLP-25-T1-VS/3

SPD - for low voltage / SPD type 1 / Combination type - T1 (25 kA)

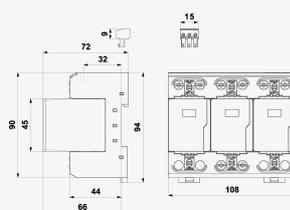
Lightning current arrester for 3-phase TN-C system

pluggable module, visual fault signalling, module locking, remote fault signalling

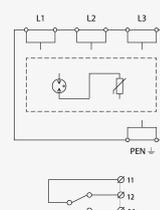
- three-pole high performance lightning current arrester, leakage current-free
- installation at the boundary of zones LPZ 0 and LPZ 1 or higher, mainly to main distribution boards
- for protection against impact of direct or indirect lightning strikes in wide range of applications – houses, office and industrial buildings
- coordination with SPD type 2 (SLP-275 V) even without surge separating inductors



Product dimensions



Basic circuit diagram



| Parameter name | | Parameter value |
|---|---------------------|-----------------|
| Type of SPD | | T1 |
| Mounting | | DIN rail 35 mm |
| Nominal voltage | U_n | 230.00 V AC |
| Maximum operating voltage | U_c | 260.00 V AC |
| Nominal load current for "V" connection | I_L | 125 A |
| Type of network | | TN |
| Maximum overcurrent protection | | 250 A gL/gG |
| Maximum overcurrent protection for "V" connection | | 125 A gL/gG |
| Short-circuit current rating | I_{SCCR} | 50.0 kA |
| Total discharge current (10/350 μ s) | $I_{Total(10/350)}$ | 75.00 kA |
| Lightning impulse current (10/350 μ s) | I_{imp} | 25.00 kA |
| Voltage protection level | U_p | 1.50 kV |
| Response time | t_a | 100 ns |
| TOV 5 s L-N | | 335 V |

| | |
|--|--|
| TOV characteristic (TOV 5 s) | withstand |
| Cross-section of connected conductors solid (min) | 2.50 mm² |
| Cross-section of connected conductors solid (max) | 50.00 mm² |
| Cross-section of connected conductors stranded (min) | 2.50 mm² |
| Cross-section of connected conductors stranded (max) | 35.00 mm² |
| Cross-section of remote indication conductors solid (max) | 1.5 mm² |
| Cross-section of remote indication conductors stranded (max) | 1.5 mm² |
| 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 | EC000381 |
| Plug module | FLP-25-T1-V/0 |
| Customs tariff number | 85363090 |
| EAN | 8595090553014 |
| Order number | A05301 |