# FLP-25-T1-VSF/3

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

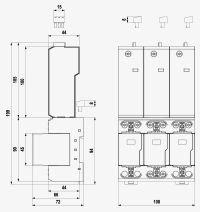
Lightning current arrester with integrated backup fuse for 3-phase TN-C system

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

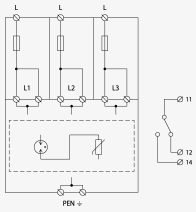
- three-pole high performance lightning current arrester without follow current
- installation at the boundary of zones LPZ 0 and LPZ 1 or higher, mainly to main distribution boards
- for protection against impact of direct or indirect lightning strikes in wide range of applications – office and industrial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



**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 |
| Type of network | | TN-C |
| Maximum overcurrent protection | | - |
| Short-circuit current rating | $I_{SCCR}$ | 50.0 kA |
| Residual current | $I_{PE}$ | 0.004 mA |
| Lightning impulse current (10/350 µs) | $I_{imp}$ | 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 $mm^2$ |

| | |
|---|---|
| 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 | **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 | **8595090571131** |
| Order number | **A07113** |