

# FLP-B+C MAXI VS/4

## SPD - for low voltage / SPD type 1 / Combination type - T1+T2 (25 kA)

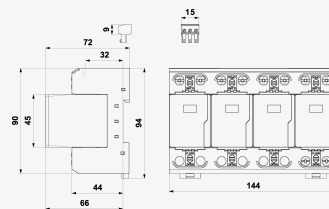
Combination of lightning current and surge arrester for three-phase system TN-S

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

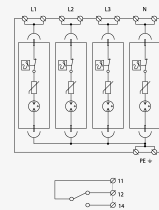
- four-pole high performance lightning current arrester
- installation at the boundary of zones LPZ 0 and LPZ 1 or higher, mainly to main distribution boards
- for protection against impact of direct or indirect lightning strikes in wide range of applications – houses, office or industrial buildings, resp. to sub-distribution boards in large buildings



Product dimensions



Basic circuit diagram



| Parameter name                                    |                     | Parameter value |
|---------------------------------------------------|---------------------|-----------------|
| Type of SPD                                       |                     | T1,T2           |
| 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-S            |
| 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 $\mu$ s)          | $I_{Total(10/350)}$ | 100.00 kA       |
| Lightning impulse current (10/350 $\mu$ s)        | $I_{imp}$           | 25.00 kA        |
| Nominal discharge current (8/20 $\mu$ s)          | $I_n$               | 30.00 kA        |
| Maximum discharge current (8/20 $\mu$ s)          | $I_{max}$           | 60.00 kA        |
| Voltage protection level                          | $U_p$               | 1.50 kV         |
| Residual voltage of MOV at $I_n$                  | $U_{RES}$           | 0.85 kV         |

|                                                              |       |                                     |
|--------------------------------------------------------------|-------|-------------------------------------|
| Response time                                                | $t_a$ | 100 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)                                 |       | withstand                           |
| Cross-section of connected conductors solid (min)            |       | 2.50 mm <sup>2</sup>                |
| Cross-section of connected conductors solid (max)            |       | 50.00 mm <sup>2</sup>               |
| Cross-section of connected conductors stranded (min)         |       | 2.50 mm <sup>2</sup>                |
| Cross-section of connected conductors stranded (max)         |       | 35.00 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                                                   |       | EC001457                            |
| Plug module                                                  |       | FLP-B+C MAXI V/0                    |
| Customs tariff number                                        |       | 85363090                            |
| EAN                                                          |       | 8595090535713                       |
| Order number                                                 |       | A03571                              |