

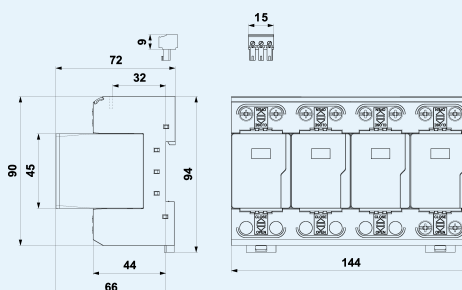
# FLP-B+C MAXI VS/4

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

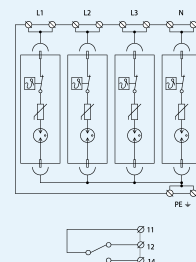
- four-pole high performance lightning current arrester
- installation at the boundary of zones LPZ 0 and LPZ 1 or higher, mainly to main distribution boards
- for protection against impact of direct or indirect lightning strikes in wide range of applications – houses, office or industrial buildings,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



## Product dimensions



## Basic circuit diagram



## Technical parameters

| Parameter name                                    | Parameter value               |
|---|-------------------------------|
| Type of SPD                                       | T1,T2                         |
| Mounting  | DIN rail 35 mm                |
| Nominal voltage                                   | $U_n$ 230 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 $\mu$ 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                       |