

# FLP-B+C MAXI VS/1

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

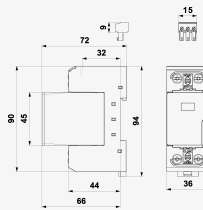
Combination of lightning current and surge arrester for systems TN and TT

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

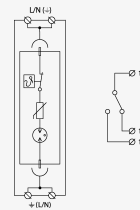
- high performance lightning current arrester
- installation at the boundary of zones LPZ 0 and LPZ 1 or higher, mainly to main distribution boards
- for protection against impact of direct or indirect lightning strikes in wide range of applications – houses, office or industrial buildings, resp. to 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
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
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)	<b>withstand</b>
TOV 120 min L-N	<b>440 V</b>
TOV characteristic (120 min)	<b>withstand</b>
Cross-section of connected conductors solid (min)	<b>2.50 mm<sup>2</sup></b>
Cross-section of connected conductors solid (max)	<b>50.00 mm<sup>2</sup></b>
Cross-section of connected conductors stranded (min)	<b>2.50 mm<sup>2</sup></b>
Cross-section of connected conductors stranded (max)	<b>35.00 mm<sup>2</sup></b>
Cross-section of remote indication conductors solid (max)	<b>1.5 mm<sup>2</sup></b>
Cross-section of remote indication conductors stranded (max)	<b>1.5 mm<sup>2</sup></b>
Fault indication	<b>red indication field</b>
Remote indication	<b>potential-free change-over contact</b>
Remote indication contacts	<b>250V/0,5A AC,250V/0,1A DC</b>
Degree of protection	<b>IP 20</b>
Range of ambient temperatures (min/max)	<b>-40 / 80 °C</b>
Humidity	<b>5 - 95 %</b>
According to standard	<b>EN 61643-11:2012, IEC 61643-11:2011</b>
ETIM Class	<b>EC001457</b>
Plug module	<b>FLP-B+C MAXI V/0</b>
Customs tariff number	<b>85363090</b>
EAN	<b>8595090535331</b>
Order number	<b>A03533</b>