FLP-B+C MAXI VS/1

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

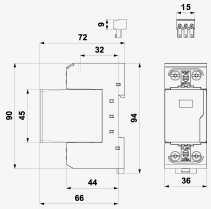
Combination of lightning current and surge arrester for systems TN and TT

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

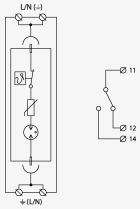
- high performance lightning current arrester
- installation at the boundary of zones LPZ 0 and LPZ 1 or higher, mainly to main distribution boards
- for protection against impact of direct or indirect lightning strikes in wide range of applications – houses, office or industrial buildings, resp. to 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 µs)	I_{imp}	25.00 kA
Nominal discharge current (8/20 µs)	I_n	30.00 kA
Maximum discharge current (8/20 µs)	I_{max}	60.00 kA
Voltage protection level	U_p	1.50 kV
Residual voltage of MOV at In	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^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	**EC001457**
Plug module	**FLP-B+C MAXI V/0**
Customs tariff number	**85363090**
EAN	**8595090535331**
Order number	**A03533**