

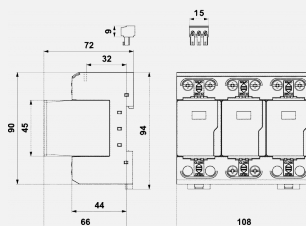
FLP-B+C MAXI VS/3

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

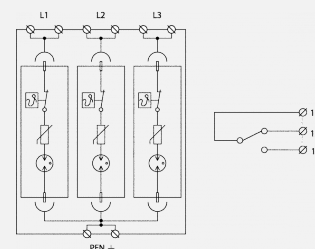
- three-pole high performance lightning current arrester
- installation at the boundary of zones LPZ 0 and LPZ 1 or higher, mainly to main distribution boards
- for protection against impact of direct or indirect lightning strikes in wide range of applications - houses, office or industrial buildings,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



Dimension drawing



Basic circuit diagram



Parameter / Type		FLP-B+C MAXI VS/3
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 μ s)	$I_{Total(10/350)}$	75,00 kA
Lightning impulse current (10/350 μ s)	I_{imp}	25,00 kA
Nominal discharge current (8/20 μ s)	I_n	30,00 kA
Maximum discharge current (8/20 μ 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 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	8595090535706
Ordering number	A03570