

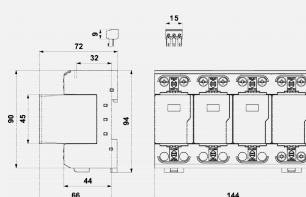
FLP-B+C MAXI VS/3+1

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

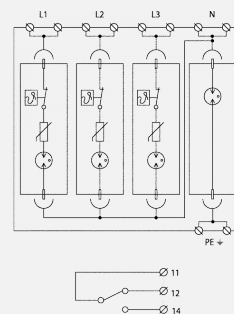
- combination of three-pole high performance lightning current arrester and encapsulated efficiency spark gap, connected in the 3+1 mode
- installation at the boundary of zones LPZ 0 and LPZ 1 or higher, mainly to main distribution boards
- for protection against impact of direct or indirect lightning 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+1
Type of SPD		T1,T2
Mounting		DIN rail 35 mm
Nominal voltage	U_n	230 V AC
Maximum operating voltage L-N	U_c	260,00 V AC
Maximum operating voltage N-PE	U_c	255,00 V AC
Nominal load current for "V" connection	I_L	125 A
Type of network		TT
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)	$I_{Total(10/350)}$	100,00 kA
Lightning impulse current (10/350 μ s) L-N	I_{imp}	25,00 kA
Lightning impulse current (10/350 μ s) N-PE	I_{imp}	100,00 kA
Nominal discharge current (8/20 μ s) L-N	I_n	30,00 kA
Nominal discharge current (8/20 μ s) N-PE	I_n	100,00 kA
Maximum discharge current (8/20 μ s) L-N	I_{max}	60,00 kA
Maximum discharge current (8/20 μ s) N-PE	I_{max}	100,00 kA
Voltage protection level mode L-N	U_p	1,50 kV
Voltage protection level mode L-PE	U_p	2,20 kV
Voltage protection level mode N-PE	U_p	1,50 kV
Residual voltage of MOV at I_n	U_{RES}	0,85 kV
Ability to independently switch off the following current N-PE	I_{fi}	0,1 kA
Response time L-N	t_a	100 ns
Response time N-PE	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
TOV 200 ms N-PE	1 200 V
TOV characteristic (TOV 200 ms)	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 L-N	red indication field
Fault indication N-PE	no
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	8595090535720
Ordering number	A03572