

FLP-B+C MAXI VS/3+1

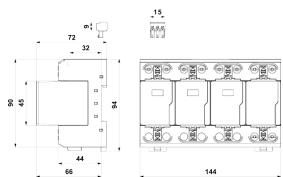
Ordering number 8595090535720

SPD type 1 and type 2- Lightning Current Arrester and Surge Arrester

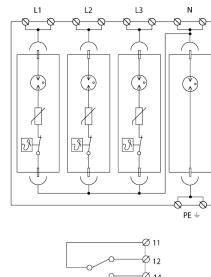
Combination of three -pole high performance lightning current arrester and encapsulated efficiency spark gap, connected in the 3+1 mode. Installation at the boundary of zones LPZ 0 and LPZ 1 or higher. Protection against impact of direct or indirect lightning strike. Wide range of applications - houses, office and industrial buildings, resp. to sub-distribution boards in large buildings. Remote status signaling (S).



Dimension drawing



Basic circuit diagram



Technical specifications

Type of SPD	T1,T2
Nominal voltage	230 V AC
Maximum operating voltage L-N	260 V AC
Maximum operating voltage N-PE	255 V AC
Nominal load current for "V" connection	125 A
Lightning impulse current (10/350 µs) L-N	25,00 kA
Lightning impulse current (10/350 µs) N-PE	100,00 kA
Nominal discharge current (8/20 µs) L-N	30,00 kA
Nominal discharge current (8/20 µs) N-PE	100,00 kA
Maximum discharge current (8/20 µs) L-N	60,00 kA
Maximum discharge current (8/20 µs) N-PE	100,00 kA
Residual voltage of MOV at In	0,85 kV
Voltage protection level mode L-N	1,50 kV
Voltage protection level mode N-PE	1,50 kV
Voltage protection level mode L-PE	2,20 kV
Short-circuit current rating	50,0 kA
Maximum overcurrent protection	250 A gL/gG
Maximum overcurrent protection for "V" connection	125 A gL/gG
Response time L-N	100 ns
Response time N-PE	100 ns
TOV 5 s L-N	335 V
TOV characteristic (TOV 5 s)	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
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
Cross-section of remote indication conductors	1,5 mm ²

Degree of protection	IP 20
Range of operating temperatures - min	-40 °C
Range of operating temperatures - max	80 °C
Mounting	DIN rail 35 mm
According to standard	EN 61643-11:2012, IEC 61643-11:2011
Plug module	FLP-B+C MAXI V/O
ETIM Class	EC001457