

FLP-B+C MAXI V/1+1

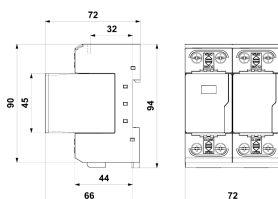
Ordering number 8595090550952

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

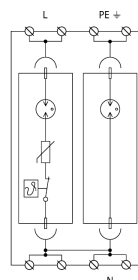
High performance lightning current arrester. Installation at the boundary of zones LPZ 0 and LPZ 1 or higher. Protection against impact of direct or indirect lightning strike. Wide range of applications - houses, office or industrial buildings, resp. to sub-distribution boards in large buildings. Remote status signaling (S).



Dimension drawing



Basic circuit diagram



Technical specifications

Type of SPD		T1,T2
Nominal voltage	U_n	230 V AC
Maximum operating voltage L-N	U_c	260 V AC
Maximum operating voltage N-PE	U_c	255 V AC
Nominal load current for "V" connection	I_L	125 A
Lightning impulse current (10/350 μs) L-N	I_{imp}	25,00 kA
Lightning impulse current (10/350 μs) N-PE	I_{imp}	50,00 kA
Nominal discharge current (8/20 μs) L-N	I_n	30,00 kA
Nominal discharge current (8/20 μs) N-PE	I_n	50,00 kA
Maximum discharge current (8/20 μs) L-N	I_{max}	60,00 kA
Maximum discharge current (8/20 μs) N-PE	I_{max}	100,00 kA
Residual voltage of MOV at I_n	U_{RES}	0,85 kV
Voltage protection level mode L-N	U_p	1,50 kV
Voltage protection level mode N-PE	U_p	1,50 kV
Voltage protection level mode L-PE	U_p	2,20 kV
Short-circuit current rating	I_{SCCR}	50,0 kA
Maximum overcurrent protection		250 A gL/gG
Maximum overcurrent protection for "V" connection		125 A gL/gG
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
Fault indication L-N		red indication field
Fault indication N-PE		no
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