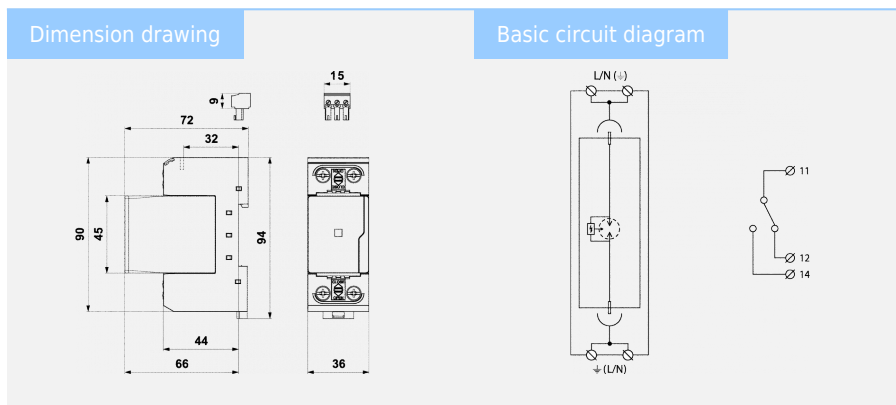


FLP-SG50 VS/1

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

- encapsulated high-performance spark gap
- 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 the hardest application in heavy, chemical and energy industry
- coordination with SPD type 2 (SLP-275 V) even without surge separating inductors



Parameter / Type		FLP-SG50 VS/1
Type of SPD		T1
Mounting		DIN rail 35 mm
Nominal voltage	U_n	230 V AC
Maximum operating voltage	U_c	255,00 V AC
Nominal load current for "V" connection	I_L	125 A
Type of network		TN
Maximum overcurrent protection		315 A gL/gG
Maximum overcurrent protection for "V" connection		125 A gL/gG
Short-circuit current rating	I_{SCCR}	50,0 kA
Residual current	I_{PE}	0,550 mA
Lightning impulse current (10/350 μ s)	I_{imp}	50,00 kA
Nominal discharge current (8/20 μ s)	I_n	50,00 kA
Voltage protection level	U_p	2,50 kV
Ability to independently switch off the following current	I_{fi}	50,0 kA
Response time	t_a	100 ns
TOV 5 s L-N		335 V
TOV 5 s L-PE		440 V
TOV characteristic (TOV 5 s)		withstand
TOV 120 min L-N		440 V
TOV 120 min L-PE		335 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	EC000381
Plug module	FLP-SG50 VS/0
Customs tariff number	85363090
EAN	8595090540533
Ordering number	A04053