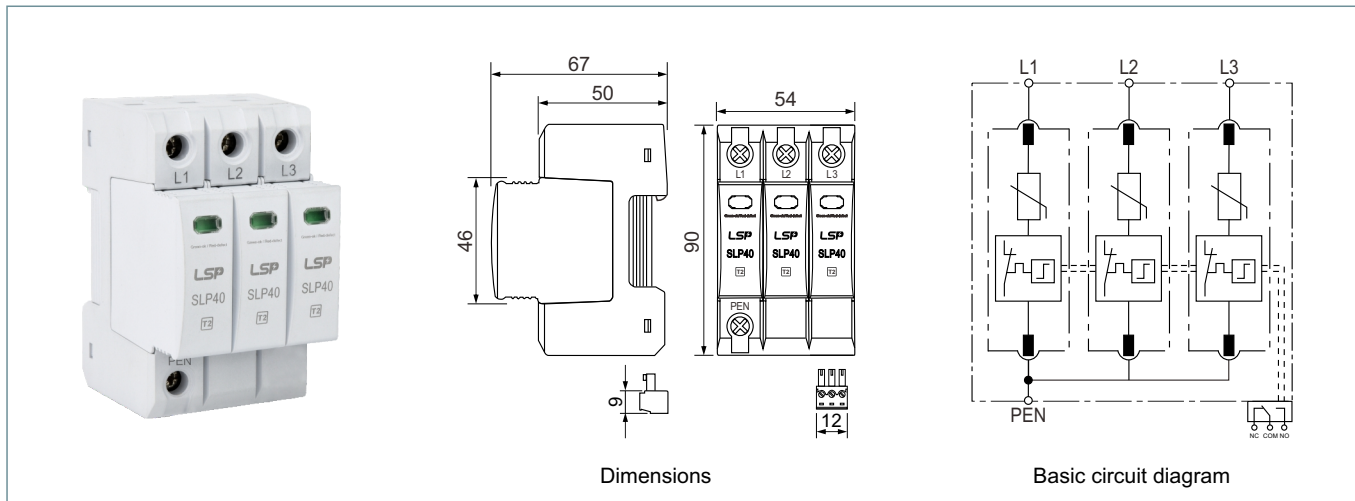


SLP40-1000/3
SLP40-1000/3S

Modular surge arrester for use in TN-C systems; with floating changeover contact.

- Prewired complete unit consisting of a base part and plug-in protection modules
- High discharge capacity due to heavy duty zinc oxide varistors / spark gaps
- High reliability due to "Thermo Dynamic Control" SPD monitoring device



Type	SLP40-1000/3	SLP40-1000/3S
SPD according to EN 61643-11 / IEC 61643-11	type 2 / class II	type 2 / class II
Nominal a.c. voltage U_n	900 V AC (50/60 Hz)	900 V AC (50/60 Hz)
Max. continuous operating a.c. voltage U_c	1000 V AC (50/60 Hz)	1000 V AC (50/60 Hz)
Nominal discharge current (8/20 μ s) I_n	20 kA	20 kA
Maximum discharge current (8/20 μ s) I_{max}	40 kA	40 kA
Voltage protection level U_p	4,2 kV	4,2 kV
Response time t_a	25 ns	25 ns
Max. mains-side over-current protection	100 AgL/gG	100 AgL/gG
Short-circuit current rating I_{scCR}	25 kA _{rms}	25 kA _{rms}
Temporary overvoltage (TOV) (U_T) - Characteristic	1205 V / 5 sec. - withstand	1205 V / 5 sec. - withstand
Temporary overvoltage (TOV) (U_T) - Characteristic	1580 V / 120 min. - safe failure	1580 V / 120 min. - safe failure
Range of operating temperatures T_u	-40/+80°C	-40/+80°C
Operating state / fault indication	green / red	green / red
Number of ports	1	1
Cross-sectional area (min.)	1.5 mm ² solid /flexible	1.5 mm ² solid /flexible
Cross-sectional area (max.)	35 mm ² stranded / 25 mm ² flexible	35 mm ² stranded / 25 mm ² flexible
For mounting on	35 mm DIN rail acc. to EN 60715	35 mm DIN rail acc. to EN 60715
Enclosure material	thermoplastic	thermoplastic
Place of installation	indoor installation	indoor installation
Degree of protection	IP 20	IP 20
Capacity	3 module(s), DIN 43880	3 module(s), DIN 43880
Approvals	CE	CE
Type of remote signalling contact	-	changeover contact
a.c. switching capacity	-	250V / 0.5A
d.c. switching capacity	-	250V / 0.1 A; 125 V / 0.2A; 75 V / 0.5A
Cross-sectional area for remote signalling terminals	-	max. 1.5 mm ² solid / flexible