

# PRAGATI ELECTROCOM

## SURGE ARRESTOR - TYPE 2

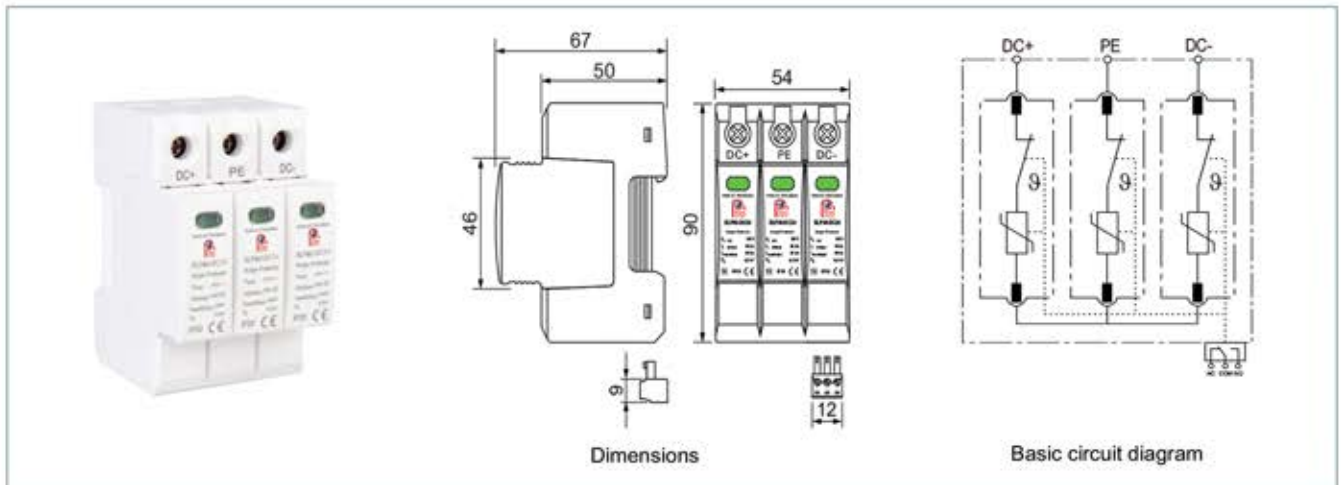


### Surge Arrester - Type 2

#### SLP40-DC24/3 SLP40-DC24/3S

Modular multipole surge arrester for use in DC systems with remote signalling contact for monitoring device (floating changeover contact)

- Prewired modular complete unit for use in photovoltaic systems consisting of a base part and plug-in protection modules
- Combined disconnection and short-circuiting device with safe electrical isolation in the protection module prevents fire damage caused by d.c. switching arcs
- Safe replacement of protection modules without arc formation due to integrated d.c. fuse



Type	SLP40-DC24/3	SLP40-DC24/3S
SPD according to EN 61643-11 / IEC 61643-11	type 2 / class II	type 2 / class II
Max. continuous operating d.c. voltage $U_c$	24 V	24 V
Nominal discharge current (8/20 $\mu$ s) $I_n$	20 kA	20 kA
Maximum discharge current (8/20 $\mu$ s) $I_{max}$	40 kA	40 kA
Voltage Protection level $U_p$	0,5 kV	0,5 kV
Response time $t_a$	25 ns	25 ns
Residual current - Leakage current at $U_c$ [ $I_{re}$ ]	< 0.1 mA	< 0.1 mA
Max. Load current if connection series $I_l$	20 A	20 A
Range of operating temperatures $T_u$	-40/+80°C	-40/+80°C
Operating state / fault indication	green / red	green / red
Cross-sectional area (min.)	1.5 mm <sup>2</sup> solid /flexible	1.5 mm <sup>2</sup> solid /flexible
Cross-sectional area (max.)	35 mm <sup>2</sup> stranded / 25 mm <sup>2</sup> flexible	35 mm <sup>2</sup> stranded / 25 mm <sup>2</sup> 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	-	-
Type of remote signalling contact	-	changeover contact
a.c. switching capacity	-	250V / 0.5 A
d.c. switching capacity	-	250V / 0.1 A; 125V / 0.2 A; 75 V / 0.5 A
Cross-sectional area for remote signalling terminals	-	max. 1.5 mm <sup>2</sup> solid / flexible