

PRAGATI ELECTROCOM

SURGE ARRESTOR - TYPE 2

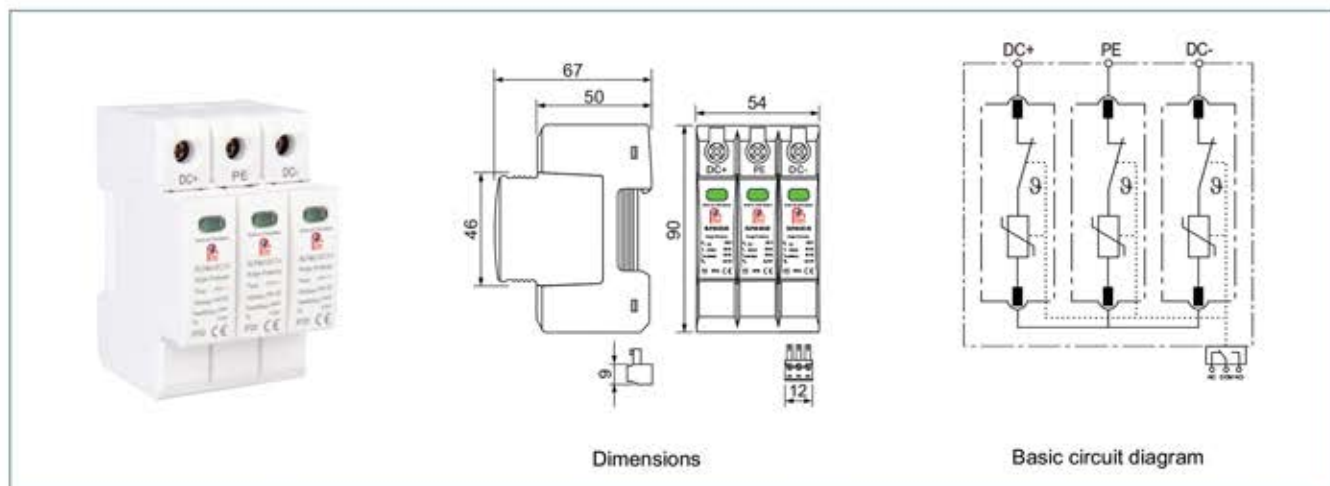


Surge Arrester - Type 2

SLP40-DC48/3
SLP40-DC48/3S

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-DC48/3 | SLP40-DC48/3S |
|--|---|---|
| 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 | 48 V | 48 V |
| 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 | 0,5 kV | 0,5 kV |
| Response time t_d | 25 ns | 25 ns |
| Residual current - Leakage current at U_c [I_{le}] | < 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 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 | - | - |
| 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; 75V / 0.5 A |
| Cross-sectional area for remote signalling terminals | - | max. 1.5 mm ² solid / flexible |