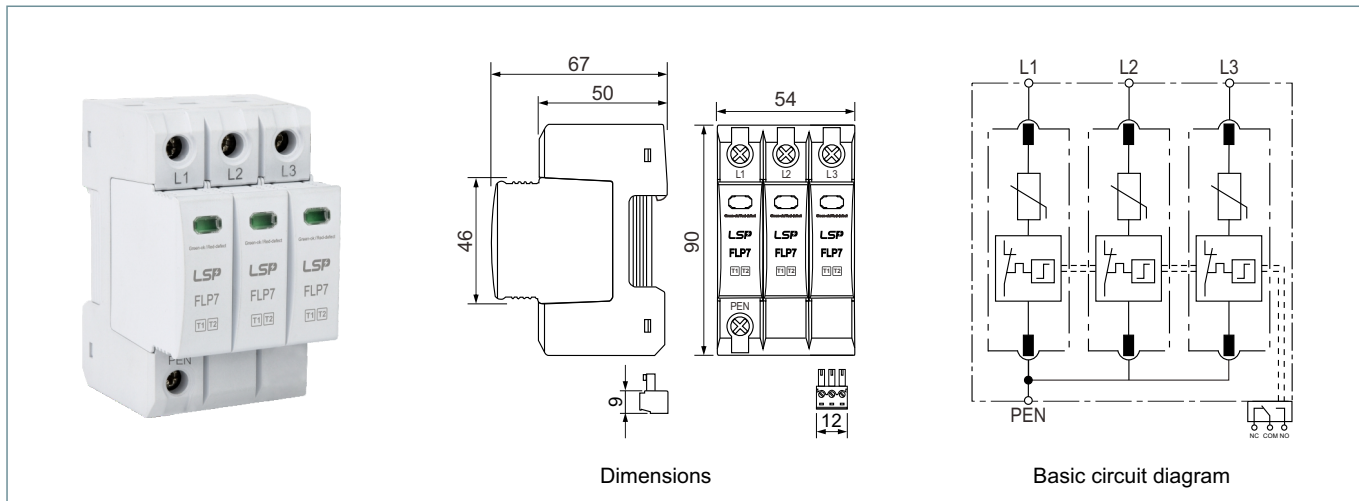


FLP7-600/3
FLP7-600/3S

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 | | FLP7-600/3 | FLP7-600/3S |
|--|------------|---|---|
| SPD according to EN61643-11 / IEC 61643-11 | | type 1 + type 2 / class I + class II | type 1 + type 2 / class I + class II |
| Nominal a.c. voltage | U_n | 480 V AC (50/60 Hz) | 480 V AC (50/60 Hz) |
| Max. continuous operating a.c. voltage | U_c | 600 V AC (50/60 Hz) | 600 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} | 50 kA | 50 kA |
| Lightning impulse current (10/350 μ s) | I_{imp} | 7 kA | 7 kA |
| Voltage protection level | U_p | 2,8 kV | 2,8 kV |
| Response time | t_a | 25 ns | 25 ns |
| Max. mains-side over-current protection | | 160 AgL/gG | 160 AgL/gG |
| Short-circuit current rating | I_{scCR} | 25 kA _{rms} | 25 kA _{rms} |
| Temporary overvoltage (TOV) (U_T) - Characteristic | | 700 V / 5 sec. - withstand | 700 V / 5 sec. - withstand |
| Temporary overvoltage (TOV) (U_T) - Characteristic | | 915 V / 120 min. - safe failure | 915 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 / 0.1A; 125V / 0.2A; 75V / 0.5A |
| Cross-sectional area for remote signalling terminals | | - | max. 1.5 mm ² solid / flexible |