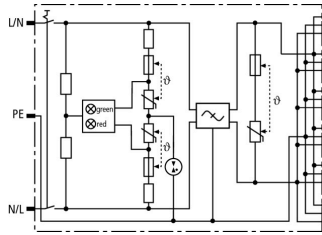


SFL PRO 6X (909 250)

- Surge protection with monitoring device and disconnecter
- Interference suppressor filter
- Visual operating state (green) and fault indication (red)



Figure without obligation



Basic circuit diagram SFL PRO 6X



Dimension drawing SFL PRO 6X

Surge protective multiple socket outlet with mains filter.

| Type | SFL PRO 6X |
|--|--|
| Part No. | 909 250 |
| SPD according to EN 61643-11 / IEC 61643-11 | type 3 / class III |
| Nominal a.c. voltage (U_N) | 230 V (50 / 60 Hz) |
| Max. continuous operating voltage (a.c.) (U_C) | 255 V (50 / 60 Hz) |
| Nominal load current (a.c.) (I_N) | 16 A |
| Voltage drop in percent for U_C/I_N (ΔU) | $\leq 0.5 \%$ |
| Nominal discharge current (8/20 μ s) (I_n) | 3 kA |
| Total discharge current (8/20 μ s) [L+N-PE] (I_{total}) | 5 kA |
| Combined wave (U_{OC}) | 6 kV |
| Combined wave [L+N-PE] ($U_{OC total}$) | 10 kV |
| Voltage protection level (U_P) | ≤ 1.6 kV |
| Response time [L-N] (t_A) | ≤ 25 ns |
| Response time [L/N-PE] (t_A) | ≤ 100 ns |
| Max. mains-side overcurrent protection | B 16 A |
| Short-circuit withstand capability for max. mains-side overcurrent protection (I_{SCCR}) | 1.5 kA _{rms} |
| Temporary overvoltage (TOV) [L-N] (U_T) – Characteristic | 335 V / 5 sec. – withstand |
| Temporary overvoltage (TOV) [L-N] (U_T) – Characteristic | 440 V / 120 min. – safe failure |
| Temporary overvoltage (TOV) [L/N-PE] (U_T) – Characteristic | 335 V / 120 min. – withstand |
| Temporary overvoltage (TOV) [L/N-PE] (U_T) – Characteristic | 440 V / 5 sec. – withstand |
| Temporary overvoltage (TOV) [L+N-PE] (U_T) – Characteristic | 1200 V + U_{REF} / 200 ms – safe failure |
| Fault indication | red light |
| Operating state indication | green light |
| Number of ports | 2 |
| Operating temperature range (T_U) | -20 °C ... +40 °C |
| Connecting cable | approx. 2000 mm |
| Number of socket outlets | 6 |
| For mounting on | earthed socket outlets DIN 49440 / DIN 49441 |
| Enclosure material | thermoplastic, black / silver, UL 94 V-1 |
| Place of installation | indoor installation |
| Degree of protection | IP 20 |
| Dimensions | 571 x 72 x 43 mm |
| Mains filter | acc. to EN 60393-1 (DIN VDE 0565-3) |
| Attenuation for f = 1 MHz, balanced | ≥ 32 dB |
| Attenuation for f = 1 MHz, unbalanced | ≥ 30 dB |
| Weight | 970 g |
| Customs tariff number (Comb. Nomenclature EU) | 85363010 |
| GTIN | 4013364132566 |
| PU | 1 pc(s) |

We reserve the right to introduce changes in performance, configuration and technology, dimensions, weights and materials in the course of technical progress. The figures are shown without obligation.