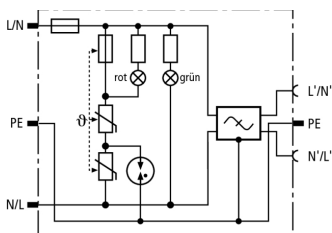


DPRO 230 F (909 240)

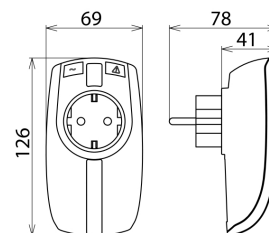
- Surge protection with monitoring device and disconnecter
- Visual operating state (green) and fault indication (red)
- Enhanced safety due to fault-proof Y protective circuit



Figure without obligation



Basic circuit diagram DPRO 230 F



Dimension drawing DPRO 230 F

Adapter with integrated surge protection, mains filter and child lock.

| Type | DPRO 230 F |
|--|--|
| Part No. | 909 240 |
| SPD according to EN 61643-11 / IEC 61643-11 | type 3 / class III |
| Nominal voltage (a.c.) (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_L) | 10 A |
| Voltage drop in percent [$L'/N'-N'/L'$ / $L/N-N/L$] for U_C/I_L (ΔU) | ≤ 0.3 % |
| 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 |
| Combination wave (U_{OC}) | 6 kV |
| Combination wave [$L+N-PE$] ($U_{OC total}$) | 10 kV |
| Voltage protection level [$L-N$] / [$L/N-PE$] (U_p) | ≤ 1250 / ≤ 1500 V |
| 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 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) | -25 °C ... +40 °C |
| For mounting on | earthed socket outlets DIN 49440 / DIN 49441 |
| Enclosure material | thermoplastic, pure white, UL 94 V-2 |
| Place of installation | indoor installation |
| Degree of protection | IP 20 |
| Dimensions | 126 x 69 x 41 mm |
| Mains filter | acc. to EN 60939-1 (DIN VDE 0565-3) |
| Attenuation for f = 1 MHz, balanced | ≥ 40 dB |
| Attenuation for f = 1 MHz, unbalanced | ≥ 30 dB |
| Weight | 194 g |
| Customs tariff number | 85363010 |
| GTIN | 4013364117693 |
| 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.