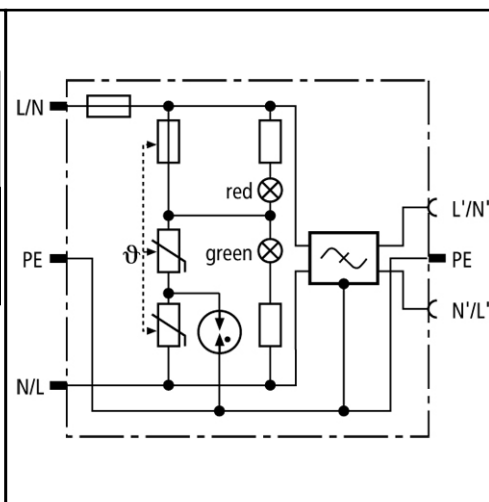Dimension drawing DPRO 230 F

Basic circuit diagram DPRO 230 F

DPRO 230 F: Surge protective adapter with integrated mains filter

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

DPRO 230 F	
SPD according to EN 61643-11	Type 3
SPD classification acc. to IEC 61643-1	Class III
Nominal a.c. voltage [U_N]	230 V
Max. continuous operating a.c. voltage [U_C]	255 V
Nominal load current a.c. [I_L]	10 A
Max. power consumption [P]	2300 W
Nominal discharge current (8/20 µs) [I_n]	3 kA
Total discharge current (8/20 µs) [L+N-PE] [I_{total}]	5 kA
Combined impulse [U_{OC}]	6 kV
Combined impulse [L+N-PE] [$U_{OC\ total}$]	10 kV
Voltage protection level [L-N] [U_P]	≤ 1.25 kV
Voltage protection level [L/N-PE] [U_P]	≤ 1.5 kV
Response time [L-N] [t_A]	≤ 25 ns
Response time [L/N-PE] [t_A]	≤ 100 ns
Max. mains-side overcurrent protection	16 A gL/gG or B 16 A
Short circuit withstand capability for mains-side overcurrent protection with 16 A gL/gG	6 kA$_{rms}$
Temporary overvoltage (TOV) [L-N] [U_T]	335 V / 5 sec.
Temporary overvoltage (TOV) [L/N-PE] (I) [U_T]	400 V / 5 sec.
Temporary overvoltage (TOV) [L/N-PE] (II) [U_T]	1200 V + U_0 / 20
Indication of disconnector	red light
Operating state indication	green light
Operating temperature range [T_U]	-25°C...+40°C
For mounting on	plug-in system with earth contact according to DIN 49440/DIN 49441
Enclosure material	thermoplastic, pure white, UL 94 V-2
Degree of protection	IP 20
Dimension	128 x 71 x 40 mm
Mains filter	acc. to DIN VDE 0565 Part 3
Attenuation for f = 1 MHz, balanced	≥ 40 dB
Attenuation for f = 1 MHz, unbalanced	≥ 30 dB

Ordering information	
Type	DPRO 230 F
Part No.	**909 240**
Packing unit	1 pce