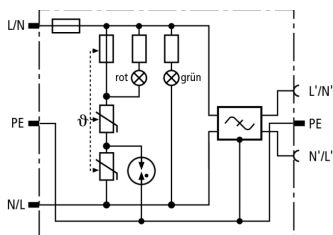


## DPRO 230 F (909 240)

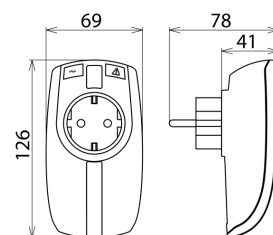
- Surge protection with monitoring device and disconnecter
- Visual operating state (green) and fault indication (red)
- Enhanced safety due to distinctive Y protective circuit



Figure without obligation



Basic circuit diagram DPRO 230 F



Dimension drawing DPRO 230 F

Surge protective adapter with integrated mains filter

Type	DPRO 230 F
Part No.	909 240
SPD according to EN 61643-11	Type 3
SPD according to IEC 61643-1/-11	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
Nominal discharge current (8/20 $\mu$ s) ( $I_n$ )	3 kA
Total discharge current (8/20 $\mu$ s) [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] ( $U_P$ )	$\leq 1.25$ kV
Voltage protection level [L/N-PE] ( $U_P$ )	$\leq 1.5$ kV
Response time [L-N] ( $t_A$ )	$\leq 25$ ns
Response time [L/N-PE] ( $t_A$ )	$\leq 100$ 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 <sub>rms</sub>
Temporary overvoltage (TOV) [L-N] ( $U_T$ )	335 V / 5 sec.
Temporary overvoltage (TOV) [L/N-PE] ( $U_T$ )	400 V / 5 sec.
Temporary overvoltage (TOV) [L+N-PE] ( $U_T$ )	1200 V + $U_{CS}$ / 200 ms
TOV characteristic [L-N]	withstand
TOV characteristic [L/N-PE]	withstand
TOV characteristic [L+N-PE]	safe
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	plug-in systems with earth contact according to 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
Attenuation for f = 1 MHz, balanced	$\geq 40$ dB
Attenuation for f = 1 MHz, unbalanced	$\geq 30$ dB
Weight	243 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.