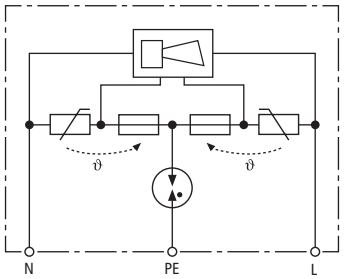
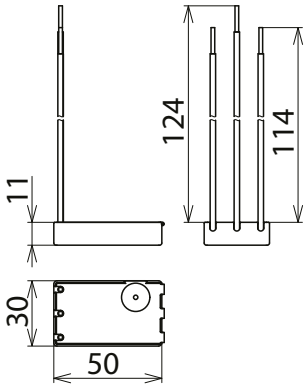
DFL M 255 (924 396)

- Acoustic fault indication
- Compact design
- For use in flush-mounted systems, cable ducts and flush-type boxes





Basic circuit diagram



Dimension drawing

Surge arrester for use in all installation systems of terminal equipment; compact dimensions.

Type	DFL M 255
Part No.	**924 396**
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 (AC) (U_C)	255 V (50 / 60 Hz)
Nominal discharge current (8/20 µs) (I_n)	1.5 kA
Total discharge current (8/20 µs) [L+N-PE] (I_{total})	3 kA
Combination wave (U_{OC})	3 kV
Combination wave [L+N-PE] ($U_{OC\ total}$)	6 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 440 V / 120 min. – safe failure
Temporary overvoltage (TOV) [L/N-PE] (U_T) – Characteristic	335 V / 120 min. – withstand 440 V / 5 sec. – withstand
Temporary overvoltage (TOV) [L+N-PE] (U_T) – Characteristic	1200 V + U_{REF} / 200 ms – safe failure
Fault indication	acoustic signal on
Number of ports	1
Operating temperature range (T_U)	-25 °C ... +40 °C
Connecting wires [L, N]	1 mm^2, Length 114 mm
Connecting wires [PE]	1 mm^2, Length 124 mm
Enclosure material	thermoplastic, red, UL 94 V-2
Place of installation	indoor installation
Degree of protection of installed device	IP 20
Dimensions	30 x 50 x 11 mm

Masterdata	
Net weight	18.14 g/pc(s)
GTIN	4013364091016
PU	1 pc(s)
Customs tariff number (Comb. Nomenclature EU)	85363010

We reserve the right to make changes to the design and technology, dimensions, weights and materials in the interests of technical progress. The illustrations are not binding.