

DFL M 255 (924 396)

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

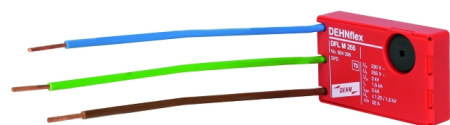
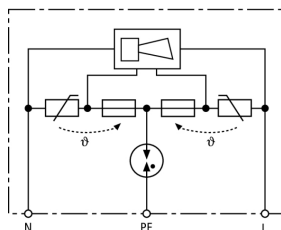
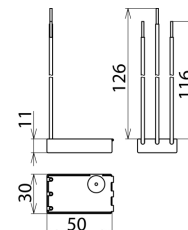


Figure without obligation



Basic circuit diagram DFL M 255



Dimension drawing DFL M 255

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

| Type | DFL M 255 |
|--|---------------------------------|
| Part No. | 924 396 |
| 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 discharge current (8/20 μ s) (I_n) | 1.5 kA |
| Total discharge current (8/20 μ s) [L+N-PE] (I_{total}) | 3 kA |
| Combined impulse (U_{OC}) | 3 kV |
| Combined impulse [L+N-PE] ($U_{OC total}$) | 6 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 | 32 A gL/gG or B/C 32 A |
| Short-circuit withstand capability for mains-side overcurrent protection with 32 A gL/gG | 6 kA _{rms} |
| 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 | acoustic signal on |
| Number of ports | 1 |
| Operating temperature range (T_U) | -25°C...+40°C |
| Terminal wires | 1 mm ² , 120 mm long |
| 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 |
| Weight | 32 g |
| Customs tariff number | 85363010 |
| GTIN | 4013364091016 |
| 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.