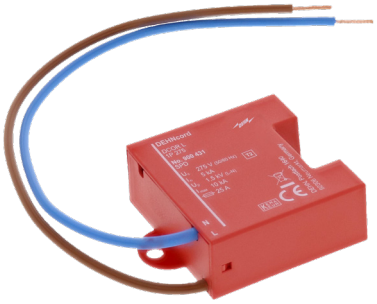
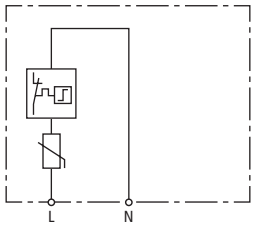
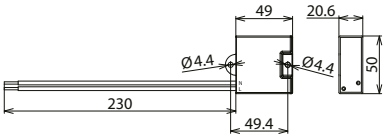
# DCOR L 1P 275 (900 431)

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






Basic circuit diagram




Dimension drawing

Single-pole surge arrester for luminaires of protection class II; compact design.

| | |
|---|---|
| **Type** | **DCOR L 1P 275** |
| **Part No.** | **900 431** |
| **Extended technical data** | |
| Max. mains-side overcurrent protection | 25 A gG |
| Operating state / fault indication | green / red |
| **Technical data** | |
| SPD according to EN 61643-11 / IEC 61643-11 | Typ 2 / Class II |
| Energy coordination with terminal equipment (≤ 10 m) | Typ 2 + Typ 3 |
| Nominal voltage (a.c.) ($U_N$) | 230 V (50 / 60 Hz) |
| Max. continuous operating voltage (a.c.) [L-N] ($U_C$) | 275 V (50 / 60 Hz) |
| Nominal discharge current (8/20 µs) ($I_n$) | 5 kA |
| Max. discharge current (8/20 µs) ($I_{max}$) | 10 kA |
| Voltage protection level [L-N] ($U_p$) | ≤ 1,5 kV |
| Voltage protection level [L-N] at 3 kA ($U_p$) | ≤ 1 kV |
| Voltage protection level [L-N] at 1.5 kA ($U_p$) | ≤ 0,85 kV |
| Response time [L-N] ($t_A$) | ≤ 25 ns |
| Short-circuit withstand capability for mains-side overcurrent protection ($I_{SCCR}$) | 25 $kA_{eff}$ |
| Temporary overvoltage (TOV) [L-N] ($U_T$) – Characteristic | 335 V / 5 sec. – Festigkeit<br>440 V / 120 min. – sicherer Ausfall |
| Number of ports | 1 |
| Operating temperature range ($T_U$) | -40 °C ... +80 °C |
| Connecting wires | 1,5 $mm^2$, Länge 230 mm |
| Enclosure material | Thermoplast, Farbe rot, UL 94 V-2 |
| Place of installation | Innenraum |
| Degree of protection of installed device | IP 20 |
| Approvals | DEKRA |

| | |
|---|---|
| **Masterdata** | |
| Net weight | 46 g/pc(s) |
| GTIN | 4013364310827 |
| PU | 1 pc(s) |
| Customs tariff number (Comb. Nomenclature EU) | 85363030 |

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.