

DCOR L 2P 275 (900 430)

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

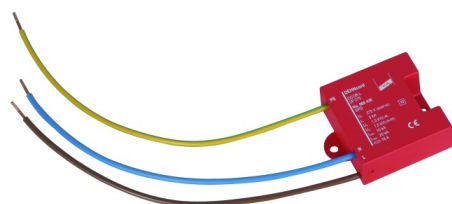
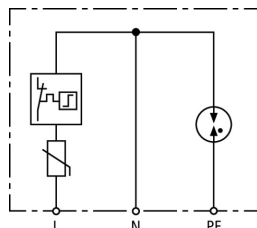
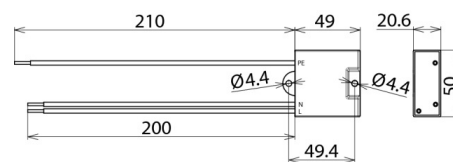


Figure without obligation



Basic circuit diagram DCOR L 2P 275



Dimension drawing DCOR L 2P 275

Surge arrester for all installation systems; compact design.

| Type | DCOR L 2P 275 |
|-----------------------------------------------------------------------------------------|--------------------------------------|
| Part No. | 900 430 |
| SPD according to EN 61643-11 / IEC 61643-11 | type 2 / class II |
| Nominal a.c. voltage (U_N) | 230 V (50 / 60 Hz) |
| Max. continuous operating a.c. voltage [L-N] (U_C) | 275 V (50 / 60 Hz) |
| Max. continuous operating a.c. voltage [N-PE] (U_C) | 255 V (50 / 60 Hz) |
| Nominal discharge current (8/20 μ s) (I_n) | 5 kA |
| Max. discharge current (8/20 μ s) (I_{max}) | 10 kA |
| Total discharge current (8/20 μ s) [L+N-PE] (I_{total}) | 20 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 |
| Voltage protection level [N-PE] (U_P) | ≤ 1.5 kV |
| Follow current extinguishing capability [N-PE] (I_n) | 100 A _{rms} |
| 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 |
| Short-circuit withstand capability for mains-side overcurrent protection (I_{SCCR}) | 25 kA _{rms} |
| Temporary overvoltage (TOV) [L-N] (U_T) – Characteristic | 335 V / 5 sec. – withstand |
| Temporary overvoltage (TOV) [L-N] (U_T) – Characteristic | 440 V / 120 min. – safe failure |
| Temporary overvoltage (TOV) [N-PE] (U_T) – Characteristic | 1200 V / 200 ms – withstand |
| Operating state / fault indication | green / red |
| Number of ports | 1 |
| Operating temperature range (T_U) | -40 °C ... +80 °C |
| Connecting wires | 1.5 mm ² , length: 200 mm |
| Enclosure material | thermoplastic, red, UL 94 V-2 |
| Place of installation | indoor installation |
| Degree of protection of installed device | IP 20 |
| Weight | 59 g |
| Customs tariff number | 85363010 |
| GTIN | 4013364157286 |
| 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.