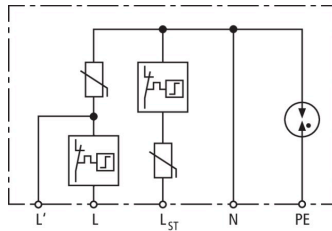


DCOR L 3P 275 SO IP (900 447)

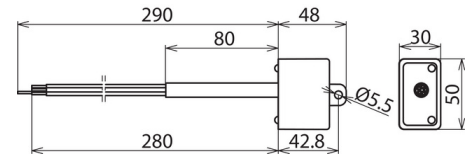
- Visual fault indication for both protective paths
- Interruption of the load circuit in the event of a fault
- Compact design



Figure without obligation



Basic circuit diagram DCOR L 3P 275 SO IP



Dimension drawing DCOR L 3P 275 SO IP

Three-pole surge arrester for all installation systems; compact design. IP 65 degree of protection. With disconnection of the load circuit in the event of a fault and protection of the control phase.

Technical data

| Type | DCOR L 3P 275 SO IP |
|--|-----------------------------------|
| Part No. | 900 447 |
| SPD according to EN 61643-11 / IEC 61643-11 | type 2 / class II |
| Energy coordination with terminal equipment (≤ 10 m) | type 2 + type 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) |
| Max. continuous operating voltage (a.c.) [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_e) | 100 A _{rms} |
| Response time [L-N] (t_A) | ≤ 25 ns |
| Response time [L/N-PE] (t_A) | ≤ 100 ns |
| Max. load current (I_L) | 10 A |
| Max. mains-side overcurrent protection | B 16 A |
| Short-circuit withstand capability for mains-side overcurrent protection (I_{SCCR}) | 1 kA _{rms} |
| Short-circuit withstand capability for mains-side overcurrent protection with 16 A gG (I_{SCCR}) | 6 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 – safe failure |
| Fault indication | red |
| Interruption of the load circuit in the event of a fault | yes |
| Number of ports | 1 |
| Operating temperature range (T_U) | -40 °C ... +80 °C |
| Connecting cable | 1.5 mm ² , 230 mm long |
| Enclosure material | thermoplastic, red, UL 94 V-2 |
| Degree of protection of installed device | IP 65 |
| Extended technical data: | ----- |
| – Combination wave (U_{oc}) | 10 kV |
| Weight | 130 g |
| Customs tariff number (Comb. Nomenclature EU) | 85363030 |
| GTIN | 4013364282216 |
| 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.