

## DCOR L 1P 320 (900 433)

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

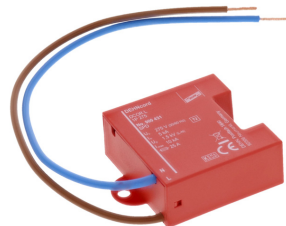
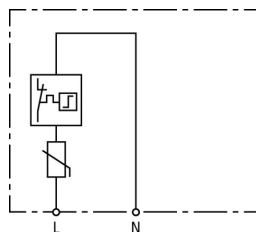
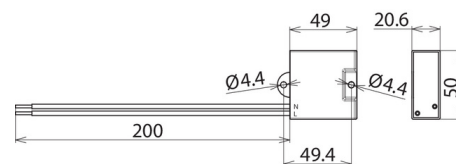


Figure without obligation



Basic circuit diagram DCOR L 1P 320



Dimension drawing DCOR L 1P 320

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

### Technical data

| Type                                                                                    | DCOR L 1P 320                     |
|-----------------------------------------------------------------------------------------|-----------------------------------|
| Part No.                                                                                | 900 433                           |
| SPD according to EN 61643-11 / IEC 61643-11                                             | type 2 / class II                 |
| Energy coordination with terminal equipment ( $\leq 10$ m)                              | type 2 + type 3                   |
| Nominal voltage (a.c.) ( $U_n$ )                                                        | 230 / 277 V (50 / 60 Hz)          |
| Max. continuous operating voltage (a.c.) [L-N] ( $U_c$ )                                | 320 V (50 / 60 Hz)                |
| Nominal discharge current (8/20 $\mu$ s) ( $I_n$ )                                      | 5 kA                              |
| Max. discharge current (8/20 $\mu$ s) ( $I_{max}$ )                                     | 10 kA                             |
| Voltage protection level [L-N] ( $U_P$ )                                                | $\leq 1.75$ kV                    |
| Response time [L-N] ( $t_A$ )                                                           | $\leq 25$ ns                      |
| Max. mains-side overcurrent protection                                                  | 25 A gG                           |
| Short-circuit withstand capability for mains-side overcurrent protection ( $I_{SCCR}$ ) | 25 kA <sub>rms</sub>              |
| 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   |
| Operating state / fault indication                                                      | green / red                       |
| Number of ports                                                                         | 1                                 |
| Operating temperature range ( $T_U$ )                                                   | -40 °C ... +80 °C                 |
| Connecting wires                                                                        | 1.5 mm <sup>2</sup> , 200 mm long |
| Enclosure material                                                                      | thermoplastic, red, UL 94 V-2     |
| Place of installation                                                                   | indoor installation               |
| Degree of protection of installed device                                                | IP 20                             |
| Approvals                                                                               | KEMA                              |
| Weight                                                                                  | 48 g                              |
| Customs tariff number (Comb. Nomenclature EU)                                           | 85363030                          |
| GTIN                                                                                    | 4013364157316                     |
| 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.