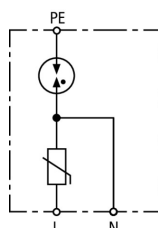


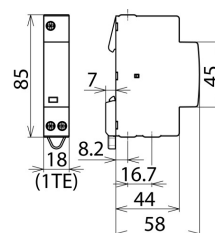
## DG TT 2P 5 275 (900 450)



Figure without obligation



Basic circuit diagram DG TT 2P 5 275



Dimension drawing DG TT 2P 5 275

| Type                                                                    | DG TT 2P 5 275                         |
|-------------------------------------------------------------------------|----------------------------------------|
| Part No.                                                                | 900 450                                |
| SPD according to EN 61643-11                                            | type 2                                 |
| Power supply system                                                     | single-phase TT / TN system            |
| 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)                     |
| Follow current extinguishing capability [N-PE] ( $I_n$ )                | 100 A                                  |
| Nominal discharge current (8/20 $\mu$ s) [L-N] ( $I_n$ )                | 5 kA                                   |
| Nominal discharge current (8/20 $\mu$ s) [N-PE] ( $I_n$ )               | 20 kA                                  |
| Max. discharge current (8/20 $\mu$ s) [L-N] ( $I_{max}$ )               | 15 kA                                  |
| Max. discharge current (8/20 $\mu$ s) [N-PE] ( $I_{max}$ )              | 40 kA                                  |
| Voltage protection level ( $U_P$ )                                      | $\leq 1.5$ kV                          |
| Protective conductor current ( $I_{PE}$ )                               | $\leq 5$ $\mu$ A                       |
| Response time [L-N] ( $t_A$ )                                           | $\leq 25$ ns                           |
| Response time [N-PE] ( $t_A$ )                                          | $\leq 100$ ns                          |
| Max. mains-side overcurrent protection                                  | MCB C 63 A                             |
| Short-circuit withstand capability ( $I_{sCCR}$ )                       | 6 kA                                   |
| Temporary overvoltage (TOV) [L-N] ( $U_T$ ) – Characteristic ( $U_T$ )  | 335 V / 5 sec. – withstand             |
| Temporary overvoltage (TOV) [L-N] ( $U_T$ ) – Characteristic ( $U_T$ )  | 440 V / 120 min. – safe failure        |
| Temporary overvoltage (TOV) [N-PE] ( $U_T$ ) – Characteristic ( $U_T$ ) | 1200 V / 200 ms. – withstand           |
| Operating temperature range                                             | -40 °C ... +80 °C                      |
| Operating state / fault indication                                      | green / red                            |
| Number of ports                                                         | 1                                      |
| Cross-sectional area, solid / flexible (min.)                           | 0.75 mm <sup>2</sup>                   |
| Cross-sectional area, solid / flexible (max.)                           | 10 mm <sup>2</sup> / 6 mm <sup>2</sup> |
| For mounting on                                                         | 35 mm DIN rails acc. to EN 60715       |
| Enclosure material                                                      | thermoplastic, red, UL 94 V-0          |
| Place of installation                                                   | indoor installation                    |
| Degree of protection                                                    | IP 20                                  |
| Capacity                                                                | 1 module(s), DIN 43880                 |
| Weight                                                                  | 77 g                                   |
| Customs tariff number                                                   | 85363030                               |
| GTIN                                                                    | 4013364157989                          |
| 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.