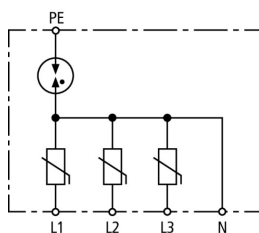


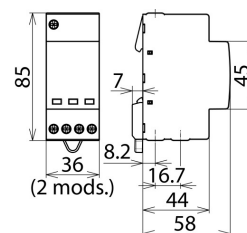
DG TT 5 275 (900 455)



Figure without obligation



Basic circuit diagram DG TT 5 275



Dimension drawing DG TT 5 275

| Type | DG TT 5 275 |
|---|--|
| Part No. | 900 455 |
| SPD according to EN 61643-11 | type 2 |
| Power supply system | three-phase TT / TN system |
| Nominal voltage (a.c.) (U_N) | 230 / 400 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) |
| Follow current extinguishing capability [N-PE] (I_f) | 100 A |
| Nominal discharge current (8/20 μ s) [L-N] (I_n) | 5 kA |
| Nominal discharge current (8/20 μ s) [N-PE] (I_n) | 20 kA |
| Max. discharge current (8/20 μ s) [L-N] (I_{max}) | 15 kA |
| Max. discharge current (8/20 μ s) [N-PE] (I_{max}) | 40 kA |
| Voltage protection level (U_P) | ≤ 1.5 kV |
| Protective conductor current (I_{PE}) | ≤ 5 μ A |
| Response time [L-N] (t_A) | ≤ 25 ns |
| Response time [N-PE] (t_A) | ≤ 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 ² |
| Cross-sectional area, solid / flexible (max.) | 10 mm ² / 6 mm ² |
| 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 | 2 module(s), DIN 43880 |
| Weight | 143 g |
| Customs tariff number | 85363030 |
| GTIN | 4013364157996 |
| 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.