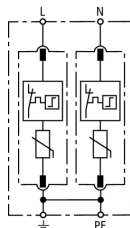


## DG M TN 275 (952 200)

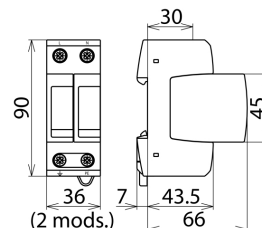
- Prewired complete unit consisting of a base part and plug-in protection modules
- High discharge capacity due to heavy-duty zinc oxide varistors/spark gaps
- High reliability due to "Thermo Dynamic Control" SPD monitoring device



Figure without obligation



Basic circuit diagram DG M TN 275



Dimension drawing DG M TN 275

Modular surge arrester for use in single-phase TN systems

| Type                                                                          | DG M TN 275                                             |
|-------------------------------------------------------------------------------|---------------------------------------------------------|
| Part No.                                                                      | 952 200                                                 |
| SPD according to EN 61643-11                                                  | Type 2                                                  |
| SPD according to IEC 61643-1/-11                                              | Class II                                                |
| Nominal a.c. voltage ( $U_N$ )                                                | 230 V                                                   |
| Max. continuous operating a.c. voltage ( $U_C$ )                              | 275 V                                                   |
| Nominal discharge current (8/20 $\mu$ s) ( $I_n$ )                            | 20 kA                                                   |
| Max. discharge current (8/20 $\mu$ s) ( $I_{max}$ )                           | 40 kA                                                   |
| Voltage protection level ( $U_P$ )                                            | $\leq 1.25$ kV                                          |
| Voltage protection level at 5 kA ( $U_P$ )                                    | $\leq 1$ kV                                             |
| Response time ( $t_A$ )                                                       | $\leq 25$ ns                                            |
| Max. mains-side overcurrent protection                                        | 125 A gL/gG                                             |
| Short-circuit withstand capability for max. mains-side overcurrent protection | 50 kA <sub>rms</sub>                                    |
| Temporary overvoltage (TOV) ( $U_T$ )                                         | 335 V / 5 sec.                                          |
| TOV characteristic                                                            | withstand                                               |
| Operating temperature range ( $T_U$ )                                         | -40°C...+80°C                                           |
| Operating state/fault indication                                              | green / red                                             |
| Number of ports                                                               | 1                                                       |
| Cross-sectional area (min.)                                                   | 1.5 mm <sup>2</sup> solid/flexible                      |
| Cross-sectional area (max.)                                                   | 35 mm <sup>2</sup> stranded/25 mm <sup>2</sup> flexible |
| 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                                  |
| Approvals                                                                     | KEMA, VDE, UL, VdS                                      |
| Weight                                                                        | 229 g                                                   |
| Customs tariff number                                                         | 85363030                                                |
| GTIN                                                                          | 4013364108394                                           |
| 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.