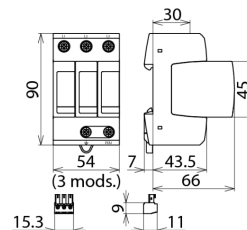
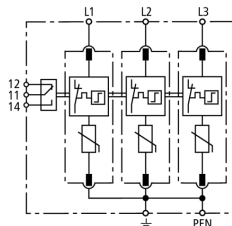


## DG M WE 600 FM (952 307)

- 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



Three-pole modular surge arrester for use in wind turbines with a rated varistor voltage  $U_{mov} = 750$  V a.c.; FM version with floating remote signalling contact

| Type  | DG M WE 600 FM  |
|---|---|
| Part No.  | 952 307   |
| SPD according to EN 61643-11  | Type 2  |
| SPD according to IEC 61643-1/-11  | Class II  |
| Nominal a.c. voltage ( $U_N$ )  | 600 V   |
| Max. continuous operating a.c. voltage ( $U_C$ )                              | 600 V   |
| Rated varistor voltage ( $U_{mov}$ )  | 750 V   |
| Nominal discharge current (8/20 $\mu$ s) ( $I_n$ )                            | 15 kA   |
| Max. discharge current (8/20 $\mu$ s) ( $I_{max}$ )                           | 25 kA   |
| Voltage protection level ( $U_P$ )  | $\leq 3$ kV   |
| Voltage protection level at 5 kA ( $U_P$ )                                    | $\leq 2.5$ kV   |
| Response time ( $t_A$ )   | $\leq 25$ ns  |
| Max. mains-side overcurrent protection  | 100 A gL/gG   |
| Short-circuit withstand capability for max. mains-side overcurrent protection | 25 kA <sub>rms</sub>                                    |
| Temporary overvoltage (TOV) ( $U_T$ )   | 900 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  | 3 module(s), DIN 43880                                  |
| Approvals   | KEMA, UL, VdS   |
| Type of remote signalling contact   | changeover contact                                      |
| a.c. switching capacity   | 250 V/0.5 A   |
| d.c. switching capacity   | 250 V/0.1 A; 125 V/0.2 A; 75 V/0.5 A                    |
| Cross-sectional area for remote signalling terminals                          | max. 1.5 mm <sup>2</sup> solid/flexible                 |
| Weight  | 388 g   |
| Customs tariff number   | 85363030  |
| GTIN  | 4013364113312   |
| 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.