

## DG MU CGD 240 3W+G (908 203)

- Prewired complete unit without the need for additional overcurrent protection devices
- High discharge capacity due to heavy-duty zinc oxide varistors ( $I_{max}$  50 kA 8x20µs)
- Short circuit current rating (SCCR) 200 kA
- ANSI/UL 1449 – 4<sup>th</sup> Ed. Open-Type 1 SPD

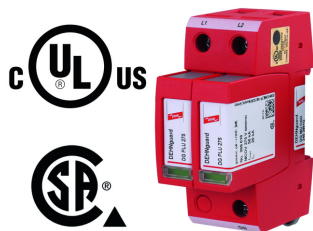
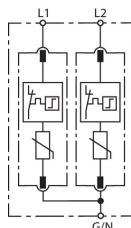
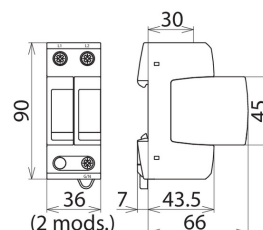


Figure without obligation



Basic circuit diagram DG MU CGD 240 3W+G



Dimension drawing DG MU CGD 240 3W+G

DIN rail mount, pluggable surge arrester consisting of a base part and plug-in protection modules for application in Corner Grounded Delta systems

| Type  | DG MU CGD 240 3W+G                         |
|---|--|
| Part No.  | 908 203                                    |
| SPD classification acc. to ANSI/UL 1449 4 <sup>th</sup> Ed. | Open-Type 1 SPD                            |
| SPD classification acc. to CSA - C22.2 No. 269.1-14         | Type 4-1 Component Assembly                |
| Nominal System Voltage [L-G] / [L-L] ( $U_N$ )              | 120 V a.c. / 240 V a.c.                    |
| Nominal Power System Frequency                              | 50 / 60 Hz                                 |
| Max. continuous operating voltage AC [L-G] / [L-L] (MCOV)   | 275 V a.c. / 550 V a.c.                    |
| Nominal discharge current (8x 20 µs) ( $I_n$ )              | 20 kA                                      |
| Max. discharge current (8/20) ( $I_{max}$ )                 | 50 kA                                      |
| Voltage Protection Rating [L-G] / [L-L] (VPR)               | 800 V <sub>pk</sub> / 1500 V <sub>pk</sub> |
| Max. mains-side overcurrent protection                      | Not needed                                 |
| Short Circuit Current Rating (SCCR)                         | 200 kA                                     |
| System Type   | Corner Grounded Delta                      |
| Operating Temperature Range ( $T_U$ )                       | -35°C...+85°C                              |
| Operating state / fault indication                          | Green = Good ; Red = Replace Module        |
| Cross-sectional area (min.)                                 | 14 AWG / 2.5 mm <sup>2</sup>               |
| Cross-sectional area (max.)                                 | 4 AWG / 25 mm <sup>2</sup>                 |
| Terminal Torque Ratings                                     | 35-45 Lbs-in                               |
| Mounting  | 35 mm DIN rails acc. to EN 60715           |
| Enclosure material  | thermoplastic, red, UL 94 V-0              |
| Degree of protection  | IP 20                                      |
| Capacity  | 2 module(s), DIN 43880                     |
| Approvals   | UL, CSA                                    |
| Weight  | 225 g                                      |
| Customs tariff number (Comb. Nomenclature EU)               | 85363030                                   |
| GTIN  | 4013364148642                              |
| 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.