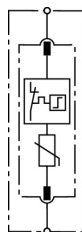


## DG SU 1P 347 (908 076)

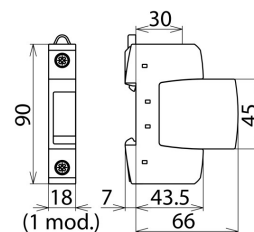
- Prewired complete unit without the need for additional surge protective devices
- High discharge capacity due to heavy-duty zinc oxide varistors ( $I_{\max}$  50 kA 8/20)
- Short-circuit current rating (SCCR) 200 kA
- ANSI/UL 1449 open-type 1 SPD



Figure without obligation



Basic circuit diagram DG SU 1P 347



Dimension drawing DG SU 1P 347

DIN rail mount, pluggable surge arrester consisting of a base part and plug-in protection module for application in Single Phase electrical systems

| Type                                                | DG SU 1P 347                        |
|-----------------------------------------------------|-------------------------------------|
| Part No.                                            | 908 076                             |
| SPD as per ANSI/UL 1449                             | Open-Type 1 SPD                     |
| SPD as per CSA-C22.2 no. 269.1                      | Type 4-1 Component Assembly         |
| Nominal System Voltage ( $U_N$ )                    | 347 Vac                             |
| Nominal Power System Frequency                      | 50 / 60 Hz                          |
| Max. continuous operating voltage AC (MCOV)         | 510 Vac                             |
| Nominal discharge current (8x 20 $\mu$ s) ( $I_n$ ) | 20 kA                               |
| Voltage protection rating (VPR)                     | 1500 V <sub>pk</sub>                |
| Max. mains-side overcurrent protection              | Not needed                          |
| Short circuit current rating (SCCR)                 | 200 kA                              |
| System type                                         | Single Phase                        |
| Operating Temperature Range ( $T_U$ )               | -40°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.)                         | 2 AWG / 35 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                                            | 1 module(s), DIN 43880              |
| Approvals                                           | UL, CSA                             |
| Extended technical data:                            |                                     |
| Max. discharge current (8/20) ( $I_{\max}$ )        | 50 kA                               |
| Weight                                              | 130 g                               |
| Customs tariff number (Comb. Nomenclature EU)       | 85363030                            |
| GTIN                                                | 4013364148581                       |
| 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.