

DG SU 1P 240 R (908 094)

- 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

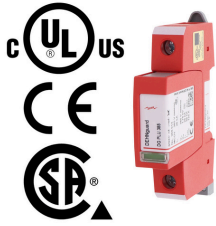
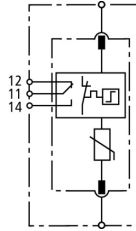
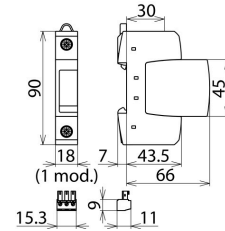


Figure without obligation



Basic circuit diagram DG SU 1P 240 R



Dimension drawing DG SU 1P 240 R

DIN rail mount, pluggable surge arrester consisting of a base part and plug-in protection module for application in Single Phase electrical systems; has floating Form C (SPDT) remote status contacts

| Type | DG SU 1P 240 R |
|---|---|
| Part No. | 908 094 |
| SPD as per ANSI/UL 1449 | Open-Type 1 SPD |
| SPD as per CSA-C22.2 no. 269.1 | Type 4-1 Component Assembly |
| SPD according to EN 61643-11 / IEC 61643-11 | Type 2 / Class II |
| Nominal System Voltage (U_N) | 277 Vac |
| Nominal Power System Frequency | 50 / 60 Hz |
| Max. continuous operating voltage AC (MCOV) | 385 Vac |
| Nominal discharge current ($8 \times 20 \mu s$) (I_n) | 20 kA |
| Voltage protection rating (VPR) | 1200 V_{pk} |
| 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 ² |
| Cross-sectional area (max.) | 2 AWG / 35 mm ² |
| 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 |
| Remote status contact | Floating (dry), Form C (SPDT) |
| Remote Status NEC Circuits | NEC Class 2 circuits only |
| Remote Status Wire Sizes | AWG 16-22 / 1.5 mm ² - 0.34mm ² |
| Remote Status Terminal Torque Ratings | 3 Lbs-in |
| Extended technical data: | ----- |
| Max. discharge current (8/20) (I_{max}) | 50 kA |
| Weight | 126 g |
| Customs tariff number (Comb. Nomenclature EU) | 85363030 |
| GTIN | 4013364148574 |
| 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.