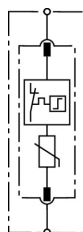


## DG SU 1P 347 (908 076)

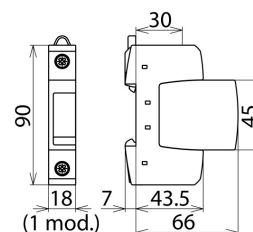
- Prewired complete unit without the need for additional overcurrent protection devices
- High discharge capacity due to heavy-duty zinc oxide varistors ( $I_{max}$  50 kA 8x20µs)
- Short circuit current rating (SCCR) 200 kA
- ANSI/UL 1449 – 4<sup>th</sup> Ed. Open-Type 1 SPD



Figure without obligation



Basic circuit diagram DG 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 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 ( $U_n$ )	347 Vac
Nominal Power System Frequency	50 / 60 Hz
Max. continuous operating voltage AC (MCOV)	510 Vac
Nominal discharge current (8x 20 µs) ( $I_n$ )	20 kA
Max. discharge current (8/20) ( $I_{max}$ )	50 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 ( $T_U$ )	-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.)	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
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.