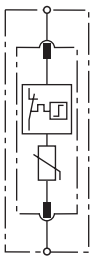
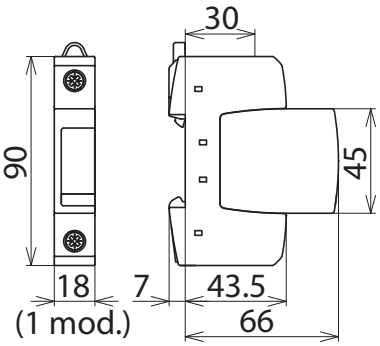
DG SU 1P 120 (908 070)

- 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





Basic circuit diagram



Dimension drawing

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 120**
Part No.	**908 070**
Technical data	
SPD as per ANSI/UL 1449	□□□□□□□ 1 SPD
SPD as per CSA-C22.2 no. 269.1	Type 4-1 Component Assembly
Nominal System Voltage (U_N)	127 Vac
Frequency	50 / 60 Hz
Max. continuous operating voltage AC (MCOV)	230 Vac
Nominal discharge current (8/20 µs) (I_n)	20 kA
Voltage protection rating (VPR)	700 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 mm²
Cross-sectional area (max.)	2 AWG / 35 mm²
Terminal Torque Ratings	35-45 Lbs-in
For mounting on	35 mm DIN rails acc. to EN 60715
Enclosure material	thermoplastic, red, UL 94 V-0
Degree of protection	IP 20
Capacity	1 Standard DIN module, DIN 43880
Approvals	UL, CSA
Extended technical data	
Max. discharge current (8/20) (I_{max})	50 kA

Masterdata	
Net weight	113.1 g/pc(s)
GTIN	4013364148499
PU	1 pc(s)
Customs tariff number (Comb. Nomenclature EU)	85363030

We reserve the right to make changes to the design and technology, dimensions, weights and materials in the interests of technical progress. The illustrations are not binding.