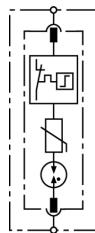


## DG S 385 VA (952 084)

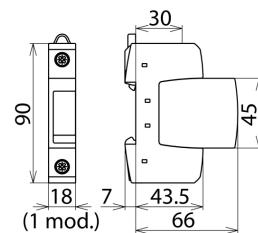
- Multi-purpose surge arrester consisting of a base part and a plug-in protection module
- Leakage-current-free series connection of a varistor and a spark gap in the pluggable protection module
- High reliability due to "Thermo Dynamic Control" SPD monitoring device



Figure without obligation



Basic circuit diagram DG S 385 VA



Dimension drawing DG S 385 VA

Modular single-pole surge arrester with a varistor connected in series with a spark gap in a pluggable protection module.

Type	DG S 385 VA
Part No.	952 084
SPD according to EN 61643-11 / IEC 61643-11	type 2 / class II
Energy coordination with terminal equipment ( $\leq 10$ m)	type 2 + type 3
Nominal voltage (a.c.) ( $U_N$ )	230 V (50 / 60 Hz)
Max. continuous operating voltage (a.c.) ( $U_c$ )	385V (50 / 60 Hz)
Max. continuous operating voltage (d.c.) ( $U_c$ )	500 V
Nominal discharge current (8/20 $\mu$ s) ( $I_{n0}$ )	10 kA
Max. discharge current (8/20 $\mu$ s) ( $I_{max}$ )	20 kA
Voltage protection level ( $U_P$ )	$\leq 1.75$ kV
Response time ( $t_s$ )	$\leq 100$ ns
Max. mains-side overcurrent protection	100 A gG
Short-circuit withstand capability for max. mains-side overcurrent protection ( $I_{SCCR}$ )	25 kA <sub>rms</sub>
Temporary overvoltage (TOV) ( $U_T$ ) – Characteristic	440 V / 120 min. – withstand
Operating temperature range ( $T_U$ )	-40 °C ... +80 °C
Operating state / fault indication	green / red
Number of ports	1
Cross-sectional area (min.)	1.5 mm <sup>2</sup> stranded / flexible
Cross-sectional area (max.)	35 mm <sup>2</sup> stranded / 25 mm <sup>2</sup> flexible
For mounting on	35 mm DIN rails acc. to EN 60715
Enclosure material	thermoplastic, red, UL 94 V-0
Place of installation	indoor installation
Degree of protection	IP 20
Capacity	1 module(s), DIN 43880
Weight	117 g
Customs tariff number (Comb. Nomenclature EU)	85363030
GTIN	4013364127333
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.