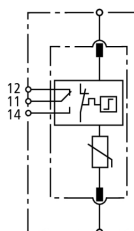


## DG S WE 600 FM (952 097)

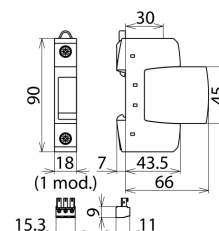
- Multi-purpose surge arrester consisting of a base element and plug-in protection module
- High discharge capacity due to heavy-duty zinc oxide varistor
- High reliability due to "Thermo Dynamic Control" SPD monitoring device



Figure without obligation



Basic circuit diagram DG S WE 600 FM



Dimension drawing DG S WE 600 FM

Pluggable single-pole surge arrester with a rated varistor voltage  $U_{mov} = 750$  V a.c., consisting of base part and plug-in protection module; FM version with floating remote signalling contact

Type Part No.	DG S WE 600 FM 952 097
SPD according to EN 61643-11	Type 2
SPD according to IEC 61643-1/-11	Class II
Max. continuous operating a.c. voltage ( $U_c$ )	600 V
Rated varistor voltage a.c. ( $U_{mov}$ )	750 V
Nominal discharge current (8/20 $\mu$ s) ( $I_n$ )	15 kA
Max. discharge current (8/20 $\mu$ s) ( $I_{max}$ )	25 kA
Voltage protection level ( $U_p$ )	$\leq 3$ kV
Voltage protection level at 5 kA ( $U_p$ )	$\leq 2.5$ kV
Response time ( $t_A$ )	$\leq 25$ ns
Max. mains-side overcurrent protection	100 A gL/gG
Short-circuit withstand capability for max. mains-side overcurrent protection	25 kA <sub>rms</sub>
Temporary overvoltage (TOV) ( $U_T$ )	900 V / 5 sec.
TOV characteristic	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> solid/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
Approvals	KEMA, UL, CSA, VdS
Type of remote signalling contact	changeover contact
a.c. switching capacity	250 V/0.5 A
d.c. switching capacity	250 V/0.1 A; 125 V/0.2 A; 75 V/0.5 A
Cross-sectional area for remote signalling terminals	max. 1.5 mm <sup>2</sup> solid/flexible
Weight	140 g
Customs tariff number	85363090
GTIN	4013364119697
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.