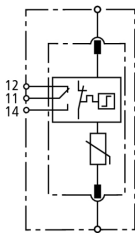
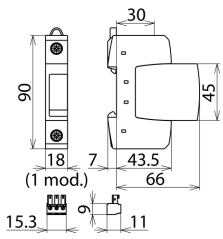
DG S 600 FM (952 096)

- 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 600 FM



Dimension drawing DG S 600 FM

Pluggable single-pole surge arrester consisting of a base part and plug-in protection module; with floating remote signalling contact.

Type Part No.	DG S 600 FM 952 096
SPD according to EN 61643-11 / IEC 61643-11	type 2 / class II
Nominal a.c. voltage (U_N)	480 V (50 / 60 Hz)
Max. continuous operating a.c. voltage (U_C)	600V (50 / 60 Hz)
Max. continuous operating d.c. voltage (U_C)	600 V
Nominal discharge current (8/20 µs) (I_n)	15 kA
Max. discharge current (8/20 µs) (I_{max})	30 kA
Voltage protection level (U_P)	≤ 2.5 kV
Voltage protection level at 5 kA (U_P)	≤ 2 kV
Response time (t_A)	≤ 25 ns
Max. mains-side overcurrent protection	100 A gG
Short-circuit withstand capability for max. mains-side overcurrent protection (I_{SCCR})	25 kA_{rms}
Temporary overvoltage (TOV) (U_T) – Characteristic	700 V / 5 sec. – withstand
Temporary overvoltage (TOV) (U_T) – Characteristic	915 V / 120 min. – safe failure
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^2 solid / flexible
Cross-sectional area (max.)	35 mm^2 stranded / 25 mm^2 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, VDE, UL, VdS, CSA
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^2 solid / flexible
Weight	160 g
Customs tariff number	85363030
GTIN	4013364109926
PU	1 pc(s)

✔, : Tested NEW: New !: Discontinued Model