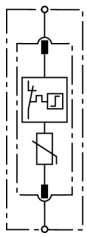
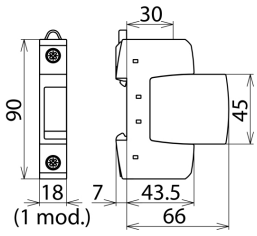
DG S WE 600 (952 077)

- 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



Dimension drawing DG S WE 600

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 600 952 077
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 µs) (I_n)	15 kA
Max. discharge current (8/20 µs) (I_{max})	25 kA
Voltage protection level (U_P)	≤ 3 kV
Voltage protection level at 5 kA (U_P)	≤ 2.5 kV
Response time (t_A)	≤ 25 ns
Max. mains-side overcurrent protection	100 A gL/gG
Short-circuit withstand capability for max. mains-side overcurrent protection	25 kA_{rms}
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^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, UL, CSA, VdS
Weight	137 g
Customs tariff number	85363090
GTIN	4013364119680
PU	1 pc(s)