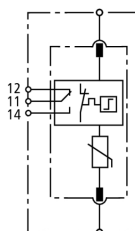


DG S 48 FM (952 098)

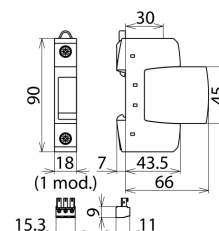
- Multi-purpose surge arrester consisting of a base element and plug-in protection module
- High discharge capacity due to heavy-duty zinc oxide varistor
- High reliability due to "Thermo Dynamic Control" SPD monitoring device



Figure without obligation



Basic circuit diagram DG S 48 FM



Dimension drawing DG S 48 FM

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

Type	DG S 48 FM
Part No.	952 098
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)	48 V
Max. continuous operating d.c. voltage (U_C)	60 V
Nominal discharge current (8/20 μ s) (I_n)	10 kA
Max. discharge current (8/20 μ s) (I_{max})	25 kA
Voltage protection level (U_P)	≤ 0.3 kV
Voltage protection level at 5 kA (U_P)	≤ 0.25 kV
Response time (t_A)	≤ 25 ns
Max. mains-side overcurrent protection	125 A gL/G
Short-circuit withstand capability for max. mains-side overcurrent protection	50 kA _{rms}
Temporary overvoltage (TOV) (U_T)	70 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
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	123 g
Customs tariff number	85363030
GTIN	4013364119475
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.