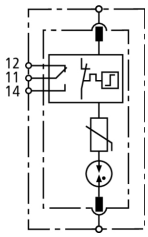
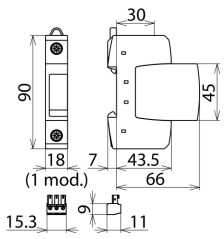
DG S 75 VA FM (952 085)

- Multi-purpose surge arrester consisting of a base part and 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 75 VA FM



Dimension drawing DG S 75 VA FM

Modular single-pole surge arrester with a varistor and a spark gap connected in series in a pluggable protection module; with floating remote signalling contact

Type Part No.	DG S 75 VA FM 952 085
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)	75 V
Max. continuous operating d.c. voltage (U_C)	100 V
Nominal discharge current (8/20 µs) (I_n)	10 kA
Maximum discharge current (8/20 µs) (I_{max})	20 kA
Voltage protection level (U_P)	≤ 1.1 kV
Response time (t_A)	≤ 100 ns
Maximum 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)	75 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 rail 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	111 g
Customs tariff number	85363030
GTIN	4013364127302
PU	1 pc(s)