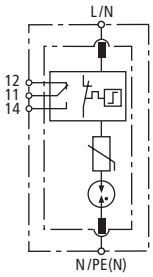
DEHNguard SE H ... FM

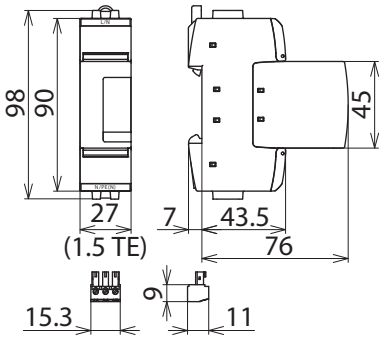
DG SE H 1000 VA FM (952940)

- Prewired and universal single-pole surge arrester comprising a base part and a plug-in protection module
- Leakage-current-free series connection of a varistor and a spark gap in the plug-in protection module
- Easy replacement of protection modules without tools due to module locking system (vibration and shock-tested according to EN 60068-2)





Basic circuit diagram



Dimension drawing

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

Type	**DG SE H 1000 VA FM**
Part No.	**952940**
SPD as per IEC 61643-11 / EN IEC 61643-11	Type 2 + type 3
Energy coordination with terminal equipment (≤ 10 m)	type 2 + type 3
Nominal voltage (a.c.) (U_N)	690 V (50 / 60 Hz)
Max. continuous operating voltage (AC) (U_C)	1000 V (50 / 60 Hz)
Nominal discharge current (8/20 µs) (I_n)	15 kA
Max. discharge current (8/20 µs) (I_{max})	40 kA
Combination wave (U_{OC})	6 kV
Voltage protection level (U_P)	≤ 5 kV
Protective conductor current (I_{PE})	≤ 0.5 mA
continuous current (I_C)	≤ 0.5 mA
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 (U_T) – characteristic	1550 V / 5 sec. – withstand 1320 V / 120 min. – withstand
Condition at the end of life time of the SPD A	Open Circuit Mode (OCM)
Overvoltage category (OVC) main circuit	III
Insulation between main and remote circuit	Double insulation
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 (integrated)
Capacity	1.5 Standard DIN module, DIN 43880
Approvals	UL
Type of remote signalling contact	changeover contact
Switching capacity (a.c.)	250 V / 0.5 A
Switching capacity (d.c.)	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
Overvoltage category (OVC) auxiliary circuit	II

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: Tested • NEU: New • !: Discontinued Model
: Cross connector • : Longitudinal connector • : Parallel connector • : T connector • : Clamp for parallel connector • : Clamp for T connector
: Pipe clamp for parallel connector • : Pipe clamp for T connector • : Equipotential bonding bar • : Bridging component

Supplementary data	
Sparkover voltage gas discharge tube (U_{agmin})	2200 V

Masterdata	
Net weight	1 pc(s)/st
Customs tariff number (Comb. Nomenclature EU)	85363030
GTIN	4013364308329
PU	1 st

We reserve the right to make changes to the design and technology, dimensions, weights and materials in the interests of technical progress. The illustrations are not binding.

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