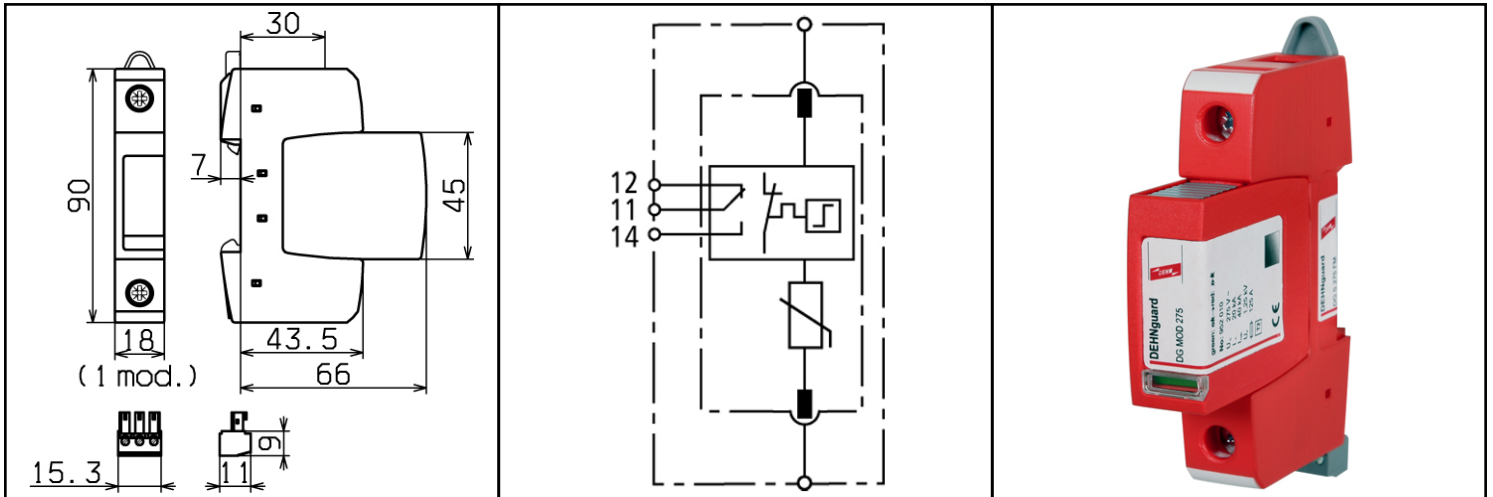


## SPDS TYPE 2

## DG S 75 FM



Dimension drawing DG S ... FM

Basic circuit diagram DG S ... FM

DG S ... FM: Single-pole pluggable surge arrester consisting of a base part and plug-in protection module; with floating remote signalling contact

- Surge arrester for universal use, consisting of a base element and plug-in protection component
- Allows for easy replacing of protection modules with releasing button
- "Thermo Dynamic Control" SPD monitoring device
- Energy-coordinated within the R/L product family
- Operating state/fault indication by mark in the inspection window, with floating remote signalling contact

## DG S 75 FM

SPD according to EN 61643-11	Type 2
SPD according to IEC 61643-1	Class II
Max. continuous operating a.c. voltage [U <sub>C</sub> ]	75 V
Max. continuous operating d.c. voltage [U <sub>C</sub> ]	100 V
Nominal discharge current (8/20 μs) [I <sub>n</sub> ]	10 kA
Max. discharge current (8/20 μs) [I <sub>max</sub> ]	40 kA
Voltage protection level [U <sub>p</sub> ]	≤ 0.4 kV
Voltage protection level for 5 kA [U <sub>p</sub> ]	≤ 0.35 kV
Response time [t <sub>A</sub> ]	≤ 25 ns
Max. mains-side overcurrent protection	125 A gL/gG
Short circuit withstand capability for max. mains-side overcurrent protection	50 kA <sub>rms</sub>
Operating temperature range [T <sub>U</sub> ]	-40°C...+80°C
Operating state/fault indication	green / red
Cross-sectional area (min.)	1.5 mm <sup>2</sup> solid/flexible
Cross-sectional area (max.)	35 mm <sup>2</sup> stranded/25 mm <sup>2</sup> flexible
For mounting on	35 mm DIN rail acc. to EN 60715
Enclosure material	thermoplastic, red, UL 94 V-0
Degree of protection	IP 20
Dimension	1 mod., DIN 43
Approvals, Certifications	KEMA, VDE, UL, CSA
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 <sup>2</sup> solid/flexible

## Ordering information

Type	DG S 75 FM
Part No.	952 091
Packing unit	1 pcs.

We reserve the right to modify design, technology, dimensions, weights and materials according to technical progress. Illustrations are non-binding. Pictures may differ from the modules described.