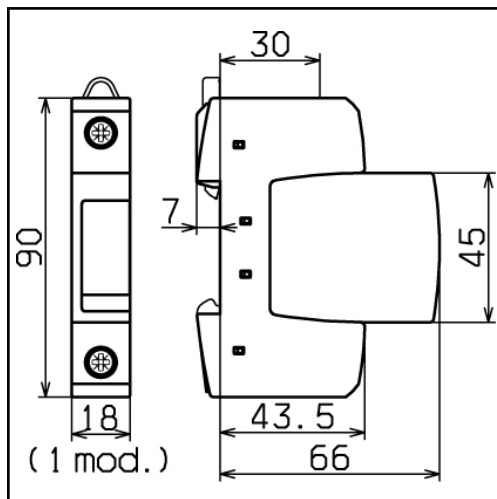
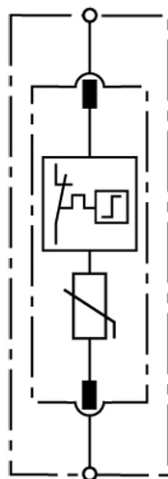


## SPDS TYPE 2

## DG S 150



Dimension drawing DG S ...



Basic circuit diagram DG S ...



DG S ...: Single-pole pluggable surge arrester consisting of a base part and plug-in protection module

- High discharge capacity due to powerful zinc oxide varistor
- Quick response
- Universal surge arrester consisting of a base element and plug-in protection component
- High reliability due to "Thermo Dynamic Control" SPD monitoring device
- Energy-coordinated within the Red/Line product family
- Operating state/Fault indication by mark in the inspection window
- Small (modular) design according to DIN 43880
- Multifunctional terminals for connection of conductors and busbars
- Easy exchange of protection modules with releasing button

## DG S 150

SPD according to EN 61643-11	Type 2
SPD according to IEC 61643-1	Class II
Max. continuous ac voltage [U <sub>C</sub> ]	150 V
Max. continuous dc voltage [U <sub>C</sub> ]	200 V
Nominal discharge current (8/20 μs) [I <sub>n</sub> ]	15 kA
Max. discharge current (8/20 μs) [I <sub>max</sub> ]	40 kA
Voltage protection level [U <sub>p</sub> ]	≤ 0.7 kV
Voltage protection level at 5 kA [U <sub>p</sub> ]	≤ 0.55 kV
Response time [t <sub>A</sub> ]	≤ 25 ns
Max. mains-side overcurrent protection	125 A gL/gG
Short circuit withstand capability at max. mains-side overcurrent protection	50 kA <sub>rms</sub>
Operating temperature range [T <sub>U</sub> ]	-40°C...+80°C
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
Mounting on	35 mm DIN rail acc. to EN 60715
Enclosure material	red thermoplastic, UL 94 V-0
Degree of protection	IP 20
Dimension	1 mod., DIN 43
Approvals, Certifications	KEMA, VDE
<b>Ordering information</b>	
Type	DG S 150
Part No.	952 072
Packing unit	1 pcs.

Change in form and technology, with masses, weights and materials we reserve ourselves in the sense of the progress of the technology. The illustrations are noncommittal.