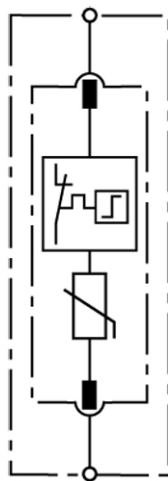


Dimension drawing DG S ...



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 440

SPD according to EN 61643-11	Type 2
SPD according to IEC 61643-1	Class II
Max. continuous ac voltage [U _C]	440 V
Max. continuous dc voltage [U _C]	585 V
Nominal discharge current (8/20 μs) [I _n]	20 kA
Max. discharge current (8/20 μs) [I _{max}]	40 kA
Voltage protection level [U _p]	≤ 2 kV
Voltage protection level at 5 kA [U _p]	≤ 1.7 kV
Response time [t _A]	≤ 25 ns
Max. mains-side overcurrent protection	125 A gL/gG
Short circuit withstand capability at max. mains-side overcurrent protection	25 kA _{rms}
TOV voltage [U _T]	580 V / 5 sec.
Operating temperature range [T _U]	-40°C...+80°C
Cross-sectional area (min.)	1.5 mm ² solid/flexible
Cross-sectional area (max.)	35 mm ² stranded/25 mm ² 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

Ordering information

Type	DG S 440
Part No.	952 075

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.