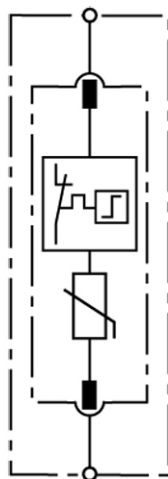


Dimension drawing DG S ...



Basic circuit diagram DG S ...



Multi-purpose surge arrester consisting of a base element and plug-in protection module

Easy replacement of protection modules by means of module release button

"Thermo Dynamic Control" SPD monitoring device

Energy coordination within the R/L product family

Operating state/fault indication by indicator flag in window

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

DG S 275	
SPD according to EN 61643-11	Type 2
SPD according to IEC 61643-1	Class II
Max. continuous operating a.c. voltage [U _C]	275 V
Max. continuous operating d.c. voltage [U _C]	350 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]	≤ 1.25 kV
Voltage protection level at 5 kA [U _p]	≤ 1 kV
Response time [t _A]	≤ 25 ns
Max. mains-side overcurrent protection	125 A gL/gG
Short-circuit withstand capability for max. mains-side overcurrent protection	50 kA _{rms}
Temporary overvoltage (TOV) [U _T]	335 V / 5 sec.
TOV characteristics	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
Location category	indoor
Degree of protection	IP 20
Capacity	1 mod., DIN 43880
Approvals, Certifications	KEMA, VDE, UL, VdS, CSA
Ordering information	
Type	DG S 275
Part No.	952 070
Packing unit	1 pc

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.