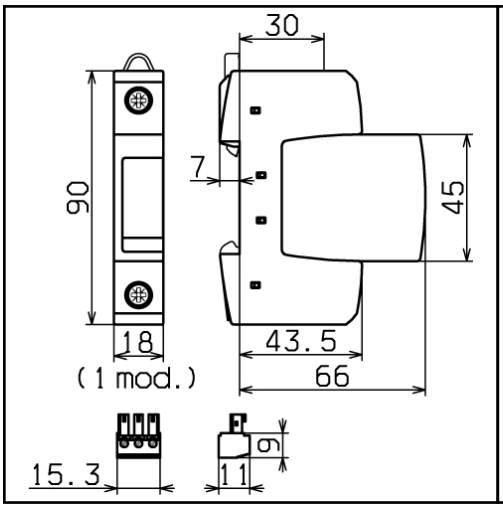
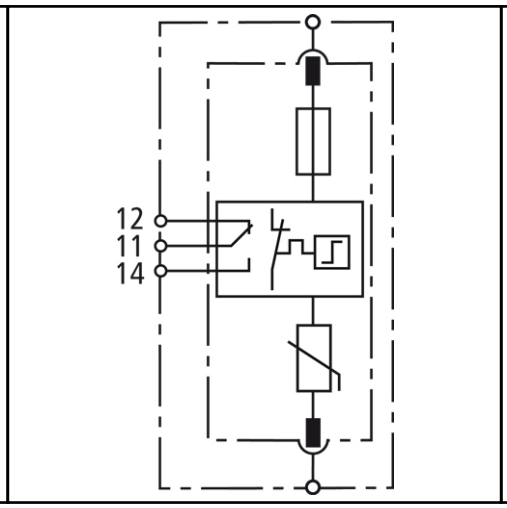
DEHNguard® modular with integrated backup fuse

SPDS TYPE 2

DG S CI 275



Dimension drawing DG S CI ... FM



Basic circuit diagram DG S CI ... FM

DG S CI ... (FM): Single-pole, pluggable surge arrester consisting of a base part and plug-in protection module; with integrated backup fuse; optionally available with floating remote signalling contact

- **Multi-purpose surge arrester consisting of a base part and plug-in protection module with integrated backup fuse**
- **Easy replacement of protection modules without tools due to module locking system with module release button**
- **"Thermo Dynamic Control" SPD monitoring device**
- **Energy coordination within the R/L product family**
- **Mechanical operating state/fault indication by mark in the inspection window**
- **... FM version with floating remote signalling contact**

	DG S CI 275
SPD according to EN 61643-11	Type 2
SPD according to IEC 61643-1	Class II
Max. continuous operating a.c. voltage [U_{CI}]	275 V
Max. continuous operating d.c. voltage [U_{CI}]	350 V
Nominal discharge current (8/20 µs) [I_{nI}]	12.5 kA
Max. discharge current (8/20 µs) [I_{maxI}]	25 kA
Voltage protection level [U_{PI}]	≤ 1.5 kV
Voltage protection level at 5 kA [U_{PI}]	≤ 1 kV
Response time [t_{AI}]	≤ 25 ns
Max. mains-side overcurrent protection	not required
Short-circuit withstand capability	25 kA_{rms}
Temporary overvoltage (TOV) [U_{TI}]	335 V / 5 sec.
TOV characteristics	withstand
Operating temperature range [T_{UI}]	-40°C...+80°C
Operating state/fault indication	green / red
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
Degree of protection	IP 20
Capacity	1 mod., DIN 43
Approvals, Certifications	KEMA

Ordering information	
Type	DG S CI 275
Part No.	**952 079**
Packing unit	1 pce