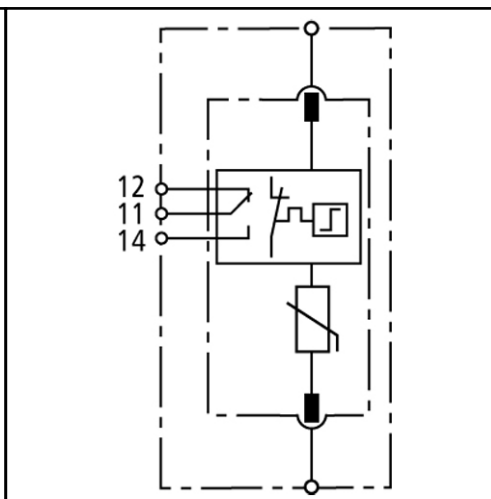


Dimension drawing DG S ... FM



Basic circuit diagram DG S ... FM



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, with floating remote signalling contact

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

DG S 385 FM	
SPD according to EN 61643-11	Type 2
SPD according to IEC 61643-1	Class II
Max. continuous operating a.c. voltage [U _{C1}]	385 V
Max. continuous operating d.c. voltage [U _{C1}]	500 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 _{p1}]	≤ 1.75 kV
Voltage protection level at 5 kA [U _{p1}]	≤ 1.35 kV
Response time [t _{A1}]	≤ 25 ns
Max. mains-side overcurrent protection	125 A gL/gG
Short-circuit withstand capability for max. mains-side overcurrent protection	25 kA _{rms}
Temporary overvoltage (TOV) [U _{T1}]	385 V / 5 sec.
TOV characteristics	withstand
Operating temperature range [T _{U1}]	-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 43
Approvals, Certifications	KEMA, VDE, UL, VdS, 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 ² solid/flexible

Ordering information

Type	DG S 385 FM
Part No.	952 094
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.