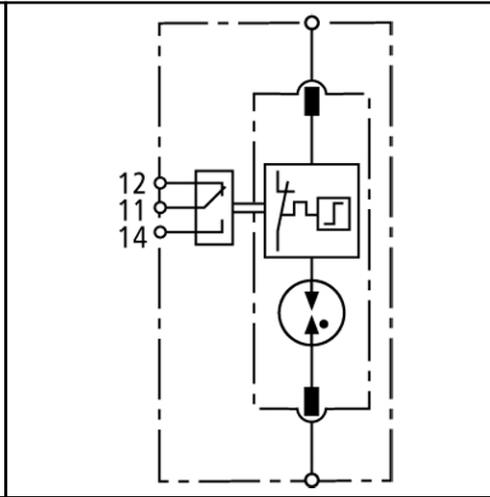


Dimension drawing DGP C S FM



Basic circuit diagram DGP C S FM



Especially designed for installation in "3+1" circuits of TT systems according to DIN V VDE V 0100-534:1999-04 between neutral conductor N and protective conductor PE

Very high discharge capacity

Two-part unit, consisting of a base part and plug-in spark-gap based protection module

DGP C S (FM): N-PE surge arrester; FM version with floating remote signalling contact

DGP C S	
SPD according to EN 61643-11	Type 2
SPD according to IEC 61643-1	Class II
Max. continuous operating a.c. voltage [U <sub>C1</sub> ]	255 V
Nominal discharge current (8/20 μs) [I <sub>n</sub> ]	20 kA
Max. discharge current (8/20 μs) [I <sub>max</sub> ]	40 kA
Follow current extinguishing capability [I <sub>fl</sub> ]	100 A <sub>rms</sub>
Lightning impulse current (10/350 μs) [I <sub>imp</sub> ]	12 kA
Voltage protection level [U <sub>p1</sub> ]	≤ 1.5 kV
Response time [t <sub>A1</sub> ]	≤ 100 ns
Temporary overvoltage (TOV) [U <sub>T1</sub> ]	1200 V / 200 ms
TOV characteristics	withstand
Operating temperature range [T <sub>U1</sub> ]	-40°C...+80°C
Operating state/fault indication	green / red
Number of ports	1
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
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
<b>Ordering information</b>	
Type	DGP C S
Part No.	952 030
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.