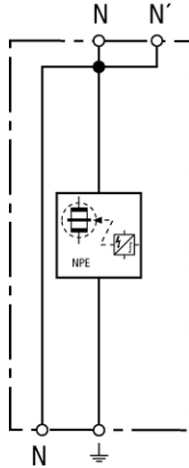


Dimension drawing DGPM 255



Basic circuit diagram DGPM 255



DGPM 255: Coordinated, single-pole N-PE lightning current arrester

- **Lightning impulse current 100 kA (10/350 μs)**
- **Total current arrester, especially for use in TT systems in "3+1" circuits according to E DIN VDE 0100-534 between neutral conductor N and protective conductor PE**
- **Creepage discharge spark gap technology**

DGPM 255	
SPD according to EN 61643-11	Type 1
SPD according to IEC 61643-1	Class I
Max. continuous ac voltage [U _C]	255 V
Lightning impulse current (10/350 μs) [I _{imp}]	100 kA
Nominal discharge current (8/20 μs) [I _n]	100 kA
Voltage protection level [U _P]	≤ 1.5 kV
Follow current extinguishing capability ac [I _{ff}]	100 A _{rms}
Response time [t _A]	≤ 100 ns
TOV voltage	1200 V / 200 ms
Operating temperature range (parallel connection) [T _{UP}]	-40°C...+80°C
Operating temperature range (series connection) [T _{US}]	-40°C...+60°C
Cross-sectional area (N, N', PE) [min.]	10 mm ² solid/flexible
Cross-sectional area (N, PE) [max.]	50 mm ² stranded/35 mm ² flexible
Cross-sectional area (N') [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	2 mods., DIN 43880
Approvals, Certifications	KEMA
Ordering information	
Type	DGPM 255
Part No.	900 055
Packing unit	1 pcs.

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.