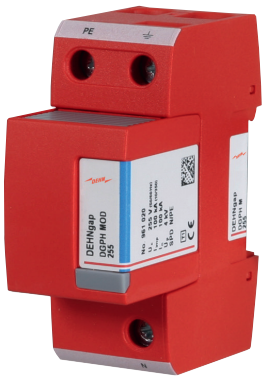
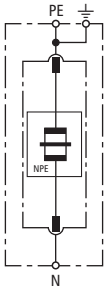
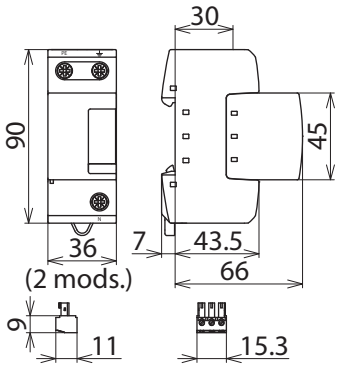
DGPH M 255 (961 102)

- Dischage capacity up to 100 kA (10/350 µs)
- Total current arrester specifically designed for installation in „“3+1““ and „“1+1““ circuits of TT systems according to IEC 60364-5-53 between neutral conductor N and protective conductor PE
- Creepage discharge spark gap technology





Basic circuit diagram



Dimension drawing

Modular single-pole N-PE lightning current arrester for U_C = 255 V.

Type	DGPH M 255
Part No.	**961 102**
SPD according to EN 61643-11 / IEC 61643-11	type 1 / class I
Max. continuous operating voltage (AC) (U_C)	255 V (50 / 60 Hz)
Lightning impulse current (10/350 µs) (I_{imp})	100 kA
Specific energy (W/R)	2.50 MJ/ohms
Voltage protection level (U_p)	≤ 4 kV
Follow current extinguishing capability (a.c.) (I_{fi})	100 A_{eff}
Response time (t_A)	≤ 100 ns
Temporary overvoltage (TOV)	1200 V / 200 ms
Temporary overvoltage (U_T) – characteristic	1200 V / 200 ms – withstand
Operating temperature range (parallel connection) (T_{UP})	-40 °C ... +80 °C
Operating temperature range (through-wiring) (T_{US})	-40 °C ... +60 °C
Number of ports	1
Cross-sectional area (min.)	10 mm² solid / flexible
Cross-sectional area (max.)	50 mm² stranded / 35 mm² flexible
For mounting on	35 mm DIN rails acc. to EN 60715
Enclosure material	thermoplastic, red, UL 94 V-0
Place of installation	indoor installation
Degree of protection	IP 20
Capacity	2 Standard DIN module, DIN 43880

Masterdata	
Net weight	284 g/pc(s)
GTIN	4013364118690
PU	1 pc(s)
Customs tariff number (Comb. Nomenclature EU)	85363030

We reserve the right to make changes to the design and technology, dimensions, weights and materials in the interests of technical progress. The illustrations are not binding.

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: Tested • NEU: New • : Discontinued Model
: Cross connector • : Longitudinal connector • : Parallel connector • : T connector • : Clamp for parallel connector • : Clamp for T connector
: Pipe clamp for parallel connector • : Pipe clamp for T connector • : Equipotential bonding bar • : Bridging component