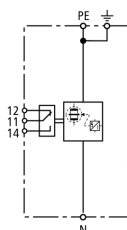


DGPM 440 FM (961 165)

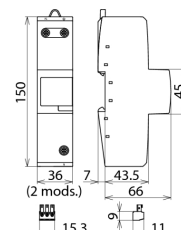
- Discharge capacity up to 100 kA (10/350 μ s)
- Total current arrester specifically designed for installation in "3+1" and "1+1" circuits of TT systems according to IEC 60364-5-53 between neutral conductor N and protective conductor PE
- Creepage discharge spark gap technology



Figure without obligation



Basic circuit diagram DGPM 440 FM



Dimension drawing DGPM 440 FM

Coordinated single-pole N-PE lightning current arrester for $U_C = 440$ V; optionally available with remote signalling contact for the monitoring device (floating changeover contact)

Type	DGPM 440 FM
Part No.	961 165
SPD according to EN 61643-11	Type 1
SPD according to IEC 61643-1/-11	Class I
Max. continuous operating a.c. voltage (U_C)	440 V
Lightning impulse current (10/350 μ s) (I_{imp})	100 kA
Specific energy (W/R)	2.50 MJ/ohms
Nominal discharge current (8/20 μ s) (I_n)	100 kA
Voltage protection level (U_P)	≤ 2.5 kV
Follow current extinguishing capability a.c. (I_{ri})	100 A _{rms}
Response time (t_A)	≤ 100 ns
Temporary overvoltage (TOV)	1200 V / 200 ms
TOV characteristic	withstand
Operating temperature range (parallel connection) (T_{UP})	-40°C...+80°C
Operating temperature range (series connection) (T_{US})	-40°C...+60°C
Operating state/fault indication	green / red
Number of ports	1
Cross-sectional area (N, PE, \pm) (min.)	10 mm ² solid/flexible
Cross-sectional area (N, PE) (max.)	50 mm ² stranded/35 mm ² flexible
Cross-sectional area (\pm) (max.)	35 mm ² stranded/25 mm ² 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 module(s), DIN 43880
Approvals	UL
Type of remote signalling contact	changeover contact
a.c. switching capacity	250 V/0.5 A
d.c. switching capacity	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
Weight	372 g
Customs tariff number	85363090
GTIN	4013364116306
PU	1 pc(s)

We reserve the right to introduce changes in performance, configuration and technology, dimensions, weights and materials in the course of technical progress. The figures are shown without obligation.