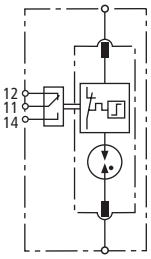
DEHNgap C S

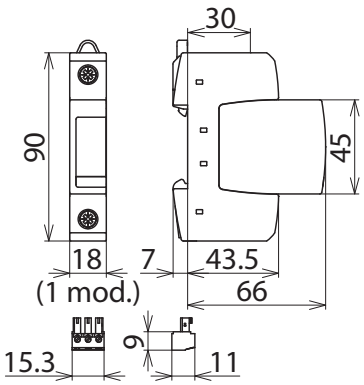
DGP C S FM (952035)

- Specifically designed for use in „“3+1““ and „“1+1““ circuits of TT systems according to IEC 60364-5-53 between neutral conductor N and protective conductor PE
- High discharge capacity
- Two-part surge arrester consisting of a base part and plug-in spark-gap based protection module





Basic circuit diagram



Dimension drawing

N-PE surge arrester; FM version with floating remote signalling contact.

Type	**DGP C S FM**
Part No.	**952035**
SPD as per IEC 61643-11 / EN IEC 61643-11	Type 2 + type 3
Energy coordination with terminal equipment (≤ 10 m)	type 2 + type 3
Max. continuous operating voltage (AC) (U_C)	255 V (50 / 60 Hz)
Nominal discharge current (8/20 µs) (I_n)	20 kA
Max. discharge current (8/20 µs) (I_{max})	40 kA
Lightning impulse current (10/350 µs) (I_{imp})	12 kA
Combination wave (U_{OC})	6 kV
Voltage protection level (U_P)	≤ 1.5 kV
Protective conductor current (I_{PE})	≤ 10 µA
continuous current (I_C)	≤ 10 µA
Response time (t_A)	≤ 100 ns
Temporary overvoltage (U_T) – characteristic	1200 V / 200 ms – withstand
Condition at the end of life time of the SPD A	Open Circuit Mode (OCM)
Overvoltage category (OVC) main circuit	III
Insulation between main and remote circuit	Double insulation
Operating temperature range (T_U)	-40 °C … +80 °C
Operating state / fault indication	green / red
Number of ports	1
Cross-sectional area (min.)	1.5 mm² solid / flexible
Cross-sectional area (max.)	35 mm² stranded / 25 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 (integrated)
Capacity	1 Standard DIN module, DIN 43880
Approvals	DEKRA, VDE, UL
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 mm² solid / flexible
Overvoltage category (OVC) auxiliary circuit	II
Arrester use at 16.7 Hz – traction power supply systems	
Test voltage AC (U_C)	255 V
Nominal frequency AC (f_N)	16.7 Hz

Masterdata	
Net weight	1 pc(s)/st
Customs tariff number (Comb. Nomenclature EU)	85363030
GTIN	4013364108547
PU	1 st

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.