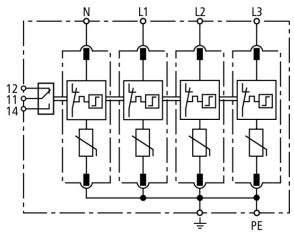
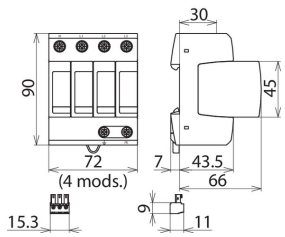
DG M TNS 275 NL FM (952 407)

- Prewired complete unit for TN-S systems consisting of a base part and plug-in protection modules
- High discharge capacity due to heavy-duty zinc oxide varistors
- High reliability due to "Thermo Dynamic Control" SPD monitoring device

Figure without obligation



Basic circuit diagram DG M TNS 275 NL FM



Dimension drawing DG M TNS 275 NL FM

Modular surge arrester for TN-S systems, neutral conductor on the left side

Type Part No.	DG M TNS 275 NL FM 952 407
SPD according to EN 61643-11 / IEC 61643-11	type 2 / class II
Nominal voltage (a.c.) (U_N)	230 / 400 V (50 / 60 Hz)
Max. continuous operating voltage (a.c.) (U_C)	275 V (50 / 60 Hz)
Nominal discharge current (8/20 µs) (I_n)	20 kA
Max. discharge current (8/20 µs) (I_{max})	40 kA
Voltage protection level (U_P)	≤ 1.5 kV
Voltage protection level at 5 kA (U_P)	≤ 1 kV
Response time (t_A)	≤ 25 ns
Max. mains-side overcurrent protection	125 gG
Short circuit withstand capability for max. mains-side overcurrent protection (I_{SCCR})	50 kA_{rms}
Temporary overvoltage (TOV) (U_T) – Characteristic	335 V / 5 sec. – withstand
Temporary overvoltage (TOV) (UT) – Characteristic	440 V / 120 min. – safe failure
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 mm^2 solid/flexible
Cross-sectional area (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
Dimensions	4 module(s), DIN 43880
Approvals	KEMA, 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
Weight	414 g
Customs tariff number (Comb. Nomenclature EU)	85363030
GTIN	4013364110021
PU	1 pc(s)