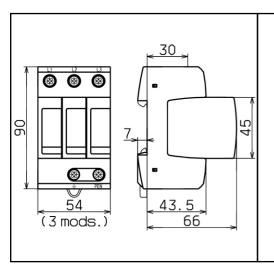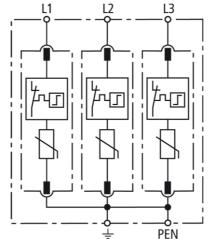Dimension drawing DG M TNC ...

Basic circuit diagram DG M TNC ...

DG M TNC ... : Modular surge arrester for use in TN-C systems

Prewired complete unit for use in TN-C systems, consisting of a base part and plug-in protection modules

Energy coordination within the Red/Line product family

High discharge capacity due to heavy-duty zinc oxide varistors

High reliability due to "Thermo Dynamic Control" SPD monitoring device

Operating state/fault indication of every protective circuit

Multifunctional terminals for connecting conductors and busbars

Easy replacement of protection modules without tools due to module locking system with module release button

Vibration- and shock-tested acc. to EN 60068-2

DG M TNC 385	
SPD according to EN 61643-11	Type 2
SPD according to IEC 61643-1	Class II
Nominal a.c. voltage [U_N]	230/400 V
Max. continuous operating a.c. voltage [U_C]	385 V
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]	≤ 1.75 kV
Voltage protection level at 5 kA [U_P]	≤ 1.35 kV
Response time [t_A]	≤ 25 ns
Max. mains-side overcurrent protection	125 A gL/gG
Short-circuit withstand capability for max. mains-side overcurrent protection	25 kA$_{rms}$
Temporary overvoltage (TOV) [U_T]	385 V / 5 sec.
TOV characteristics	withstand
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 rail acc. to EN 60715
Enclosure material	thermoplastic, red, UL 94 V-0
Location category	indoor
Degree of protection	IP 20
Capacity	3 mods., DIN 4

Ordering information

Type	DG M TNC 385
Part No.	952 314
Packing unit	1 pc

We reserve the right to modify design, technology, dimensions, weights and materials according to technical progress. Illustrations are non-binding. Pictures may differ from the modules described.