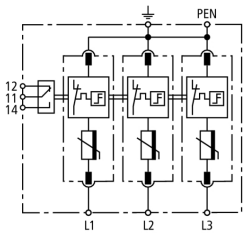
DG TNC H230 400 LI (950 160)

- Prewired complete unit for standard system configurations consisting of a base part and plug-in protection modules
- Clear operating state indication due to three-way visual service life indication <GREEN-YELLOW-RED> with linked remote signalling function
- Requests <YELLOW> the user in due time to replace the protection module in case of imminent arrester overload

Figure without obligation



Basic circuit diagram DG TNC H230 400 LI

Multipole surge arrester for use in TN-C systems with "Pro-Active Thermo Control" SPD monitoring device with three-way visual indicator

Type Part No.	DG TNC H230 400 LI 950 160
SPD according to EN 61643-11	Type 2
SPD according to IEC 61643-1/-11	Class II
Nominal a.c. voltage (U_N)	230/400 V
Max. continuous operating a.c. voltage (U_C)	275 V
Nominal discharge current (8/20 µs) (I_n)	20 kA
Max. discharge current (8/20 µs) (I_{max})	65 kA
Voltage protection level (U_P)	≤ 1.25 kV
Voltage protection level at 5 kA (U_P)	≤ 1 kV
Response time (t_A)	≤ 25 ns
Max. mains-side overcurrent protection	160 A gL/gG
Short-circuit withstand capability for max. mains-side overcurrent protection	20 kA_{rms}
Temporary overvoltage (TOV) (U_T)	335 V / 5 sec.
TOV characteristic	withstand
Operating temperature range (T_U)	-40°C...+55°C
Indication of disconnector	green / yellow / 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
Degree of protection	IP 20
Capacity	3 module(s), DIN 43880
Approvals	KEMA
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	406 g
Customs tariff number	85363090
GTIN	4013364106987
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.