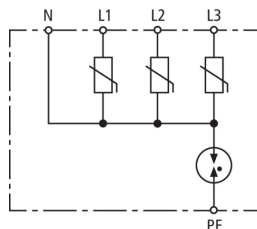


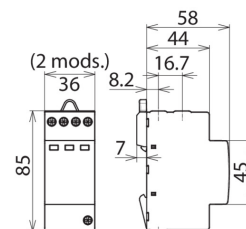
DG TT 5 275 NL (900 459)



Figure without obligation



Basic circuit diagram DG TT 5 275 NL



Dimension drawing DG TT 5 275 NL

Compact surge arrester for TT and TN-S systems (3+1 circuit)

Type	DG TT 5 275 NL
Part No.	900 459
SPD according to EN 61643-11	type 2
SPD according to IEC 61643-11	class II
Power supply system	three-phase TT / TN system
Nominal voltage (a.c.) (U_n)	230 / 400 V (50 / 60 Hz)
Max. continuous operating voltage (a.c.) [L-N] (U_c)	275 V (50 / 60 Hz)
Max. continuous operating voltage (a.c.) [N-PE] (U_c)	255 V (50 / 60 Hz)
Follow current extinguishing capability [N-PE] (I_n)	100 A
Nominal discharge current (8/20 μ s) [L-N] (I_n)	5 kA
Nominal discharge current (8/20 μ s) [N-PE] (I_n)	20 kA
Max. discharge current (8/20 μ s) [L-N] (I_{max})	15 kA
Max. discharge current (8/20 μ s) [N-PE] (I_{max})	40 kA
Voltage protection level (U_p)	≤ 1.5 kV
Protective conductor current (I_{PE})	≤ 5 μ A
Response time [L-N] (t_A)	≤ 25 ns
Response time [N-PE] (t_A)	≤ 100 ns
Max. mains-side overcurrent protection	MCB C 63 A
Short-circuit withstand capability (I_{sCCR})	6 kA
Temporary overvoltage (TOV) [L-N] (U_T) – Characteristic (U_T)	440 V / 120 min. – safe failure
Temporary overvoltage (TOV) [N-PE] (U_T) – Characteristic (U_T)	1200 V / 200 ms. – withstand
Operating temperature range	-40 °C ... +80 °C
Operating state / fault indication	green / red
Number of ports	1
Cross-sectional area, solid / flexible (min.)	0.75 mm ²
Cross-sectional area, solid / flexible (max.)	10 mm ² / 6 mm ²
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
Weight	143 g
Customs tariff number (Comb. Nomenclature EU)	85363030
GTIN	4013364320581
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.