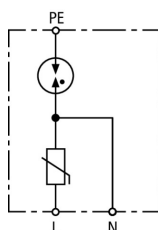


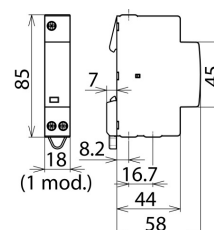
DG TT 2P 5 275 (900 450)



Figure without obligation



Basic circuit diagram DG TT 2P 5 275



Dimension drawing DG TT 2P 5 275

Type	DG TT 2P 5 275
Part No.	900 450
SPD according to EN 61643-11	type 2
Power supply system	single-phase TT / TN system
Nominal a.c. voltage (U_N)	230 V (50 / 60 Hz)
Max. continuous operating a.c. voltage [L-N] (U_C)	275 V (50 / 60 Hz)
Max. continuous operating a.c. voltage [N-PE] (U_C)	255 V (50 / 60 Hz)
Follow current extinguishing capability [N-PE] (I_h)	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)	335 V / 5 sec. – withstand
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	1 module(s), DIN 43880
Weight	77 g
Customs tariff number	85363030
GTIN	4013364157989
PU	1 pc(s)