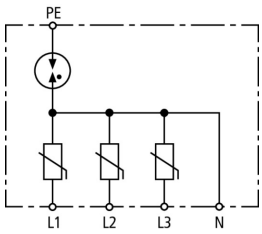
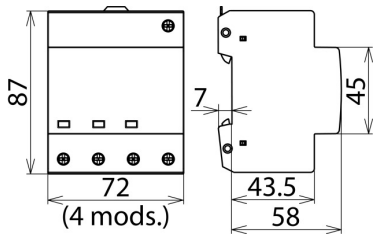
DG TT 20 340 (900 456)

Figure without obligation



Basic circuit diagram DG TT 20 340



Dimension drawing DG TT 20 340

Type Part No.	DG TT 20 340 900 456
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 a.c. voltage (U_N)	230 / 400 V (50 / 60 Hz)
Max. continuous operating a.c. voltage [L-N] (U_C)	340 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_{fi})	100 A
Nominal discharge current (8/20 µs) [L-N] (I_n)	20 kA
Nominal discharge current (8/20 µs) [N-PE] (I_n)	20 kA
Max. discharge current (8/20 µs) [L-N] (I_{max})	40 kA
Max. discharge current (8/20 µs) [N-PE] (I_{max})	40 kA
Voltage protection level (U_P)	≤ 1.5 kV
Protective conductor current (I_{PE})	≤ 5 µA
Response time [L-N] (t_A)	≤ 25 ns
Response time [N-PE] (t_A)	≤ 100 ns
Max. mains-side overcurrent protection	125 A gG
Short-circuit withstand capability (I_{SCCR})	25 kA_{rms}
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.)	2.5 mm^2
Cross-sectional area, solid / flexible (max.)	25 mm^2 / 16 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	4 module(s), DIN 43880
Weight	291 g
Customs tariff number	85363030
GTIN	6942299502336
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.