Product Data Sheet: STC Module

STC 230 (924 350)

- Acoustic fault indication
- For installation in combination with standard earthed socket outlets
- Independent of the the socket outlet design

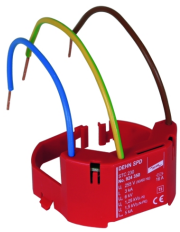
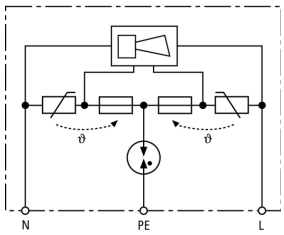
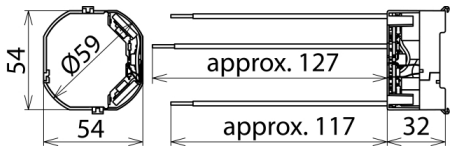


Figure without obligation



Basic circuit diagram STC 230



Dimension drawing STC 230

Two-pole surge arrester to be snapped on earthed socket outlets

Type Part No.	STC 230 924 350
SPD according to EN 61643-11	Type 3
SPD according to IEC 61643-1/-11	Class III
Nominal a.c. voltage (U_N)	230 V
Max. continuous operating a.c. voltage (U_C)	255 V
Nominal discharge current (8/20 µs) (I_n)	3 kA
Total discharge current (8/20 µs) [L+N-PE] (I_{total})	5 kA
Combined impulse (U_{OC})	6 kV
Combined impulse [L+N-PE] ($U_{OC\ total}$)	10 kV
Voltage protection level [L-N] (U_P)	≤ 1.25 kV
Voltage protection level [L/N-PE] (U_P)	≤ 1.5 kV
Response time [L-N] (t_A)	≤ 25 ns
Response time [L/N-PE] (t_A)	≤ 100 ns
Max. mains-side overcurrent protection	16 A gL/gG or B 16 A
Short circuit withstand capability for mains-side overcurrent protection with 16 A gL/gG	6 kA_{rms}
Temporary overvoltage (TOV) [L-N] (U_T)	335 V / 5 sec.
Temporary overvoltage (TOV) [L/N-PE] (U_T)	400 V / 5 sec.
Temporary overvoltage (TOV) [L+N-PE] (U_T)	1200 V + U_{CS} / 200 ms
TOV characteristic [L-N]	withstand
TOV characteristic [L/N-PE]	withstand
TOV characteristic [L+N-PE]	safe
Operating temperature range (T_U)	-25°C...+40°C
Fault indication	acoustic signal on
Number of ports	1
Terminal wires	1 mm^2, 120 mm long
For mounting on	standard earthed socket outlets
Enclosure material	thermoplastic, red, UL 94 V-2
Place of installation	indoor installation
Degree of protection of installed device	IP 20
Dimensions	54 x 54 x 32 mm
Indication of disconnector	acoustic signal on
Weight	34 g
Customs tariff number	85363010
GTIN	4013364076709
PU	1 pc(s)