CT SB2

Technical Data

This technical data was extracted from the following manual: ENU 1112 05 06

The product information, specifications, and technical data embodied in this manual represent the technical status at the time of writing and are subject to change without prior notice.

We have done our best to ensure that the information given in this manual is useful, accurate and entirely reliable. However, OMICRON does not assume responsibility for any inaccuracies which may be present.

OMICRON translates this manual from the source language English into a number of other languages. Any translation of this manual is done for local requirements, and in the event of a dispute between the English and a non-English version, the English version of this manual shall govern.

1 Technical data

1.1 Specifications

Table 1-1: *CT SB2* specifications

Characteristic	Rating
Mains connection	Connector according to IEC 60320
Mains voltage	100 ... 240 V_{AC} / 50/60 Hz / 0.2 A
Mains fuses	2 x T 2.0 AH 250 V (high-breaking capacity wire fuse 5 x 20 mm)
Output voltage	0 ... 120 V

1.2 PC and CTA interfaces

The **PC** interface of the *CT SB2* switch box is exclusively intended to connect the *CT SB2* switch box to a computer (e.g., running the *CT Analyzer Suite* software).

The **CTA** interface of the *CT SB2* switch box is exclusively intended to connect *CT SB2* to a *CT Analyzer* test set.

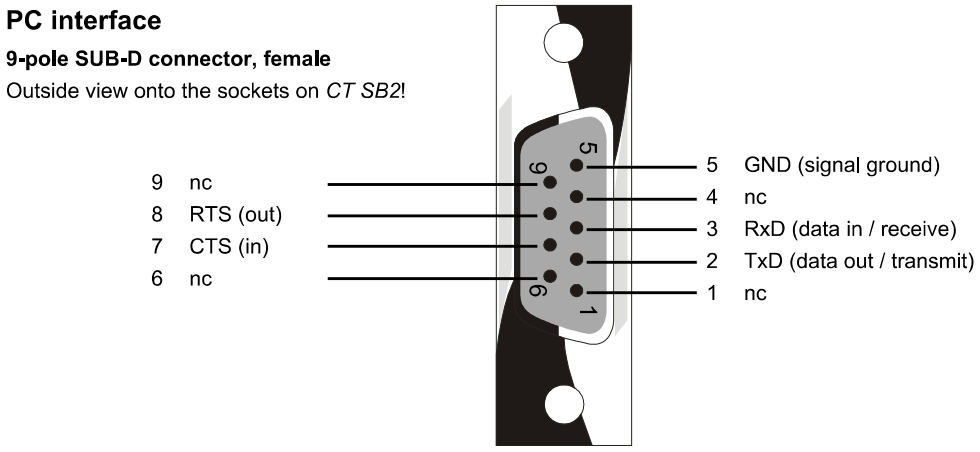

Figure 1-1: PC interface on *CT SB2*

CTA interface

9-pole SUB-D connector, male

Outside view onto the pins on *CT SB2*!

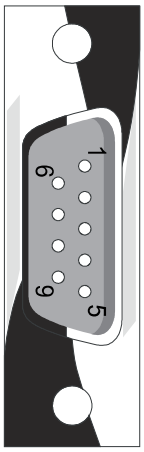

Figure 1-2: CTA interface on *CT SB2*

9-pole (DB9) null modem or crossover cable, 2 x female

Connections required:

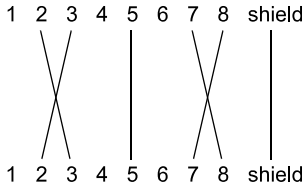

Figure 1-3: Connection cable *CT SB2* to *CT Analyzer*

1.3 Environmental conditions

Table 1-2: Environmental conditions

Characteristic	Rating
Operating temperature	–10 … +50 °C (14 … 122 °F)
Storage and transportation	–20 … +70 °C (–4 … 158 °F)
Max. altitude for operation	2000 m

1.4 Mechanical data

Table 1-3: Mechanical data

Characteristic	Rating
Weight	2.6 kg (5.7 lbs) without accessories
Dimensions W x H x D	285 x 68 x 225 mm (11.2 x 2.7 x 8.9")

1.5 Standards

Table 1-4: Standards

EMC, safety		
EMC	IEC/EN 61326-1 (industrial electromagnetic environment) FCC subpart B of part 15, class A	CE
Safety	IEC/EN/UL 61010-1	
Other		
Shock	IEC/EN 60068-2-27 (15 g/11 ms, half-sinusoid, 3 shocks in each axis)	
Vibration	IEC/EN 60068-2-6 (frequency range 10 Hz…150 Hz, acceleration 2 g continuous (20 m/s^2/65 ft/s^2), 20 cycles per axis)	
Humidity	IEC/EN 60068-2-78 (5 %…95 % relative humidity, no condensation), tested at 40 °C/104 °F for 48 hours	
Protection class	IP20 according to EN 60529	