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PC Adapter 503 – PC Adapter 503i

DATA SHEET

Adapter/converter SFBP over 485 to RS232.

The adapter converter allows the communication between a RS232 line and the RS485 network. The mechanical holder can be host in any standard 503 in-wall mounting box, and allow to host cover plate made by several vendors.

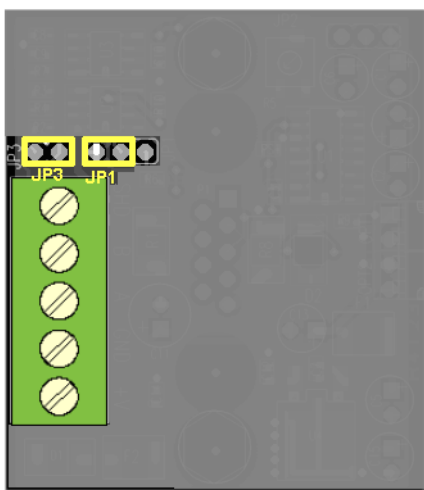
Characteristics

	Minimum	Maximum
Power supply DC	11 V dc	30 V dc
Sink current	30mA max @ 24V	
Baud rate:	19200 bps	
Conectore RS232	DB9 F	
Operating temperature	-5 °C	+50 °C
Storage temperature	-10 °C	+75 °C
Operating and storage humidity [% UR]	30	95 (no condens.)
Insulation (only inslued version)	2000 V	

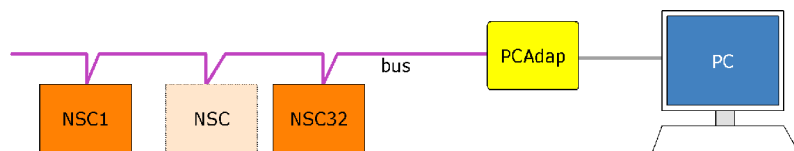
Jumpers

Standard operations: JP3 and JP1 as in the figure aside.
Multiple units: remove JP3.

Terminator: JP3
Echo/binder: JP1

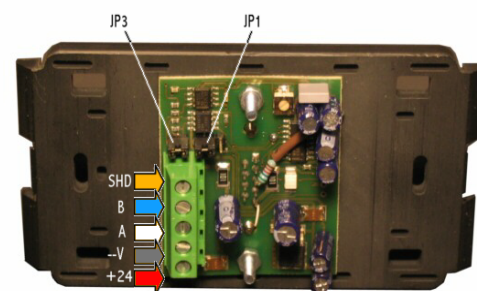


Connection exsample



Other configuration: see specific documentation for RS485 fault tolerant networks.

WARNING: Do not leave the RS232 cable connected ONLY at the adapter side since it can collect electrical noise.



Description

Several holes are designed to allows the insertion of the cover-plate made by various vendors, the esternal flaps can be broken to host small size cover-plates. The LED is turned on while datas flow to and from the network.

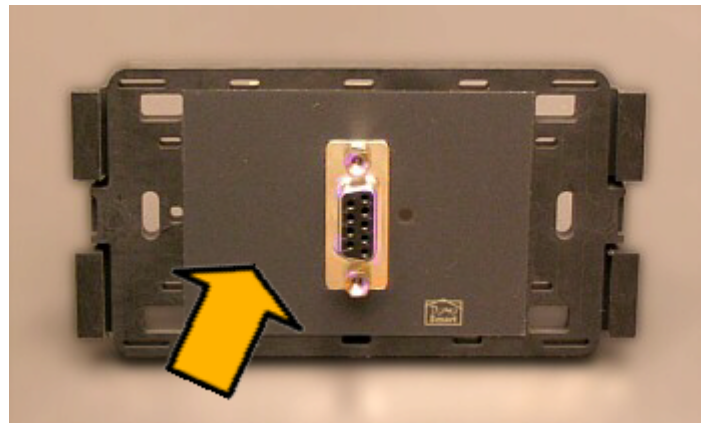
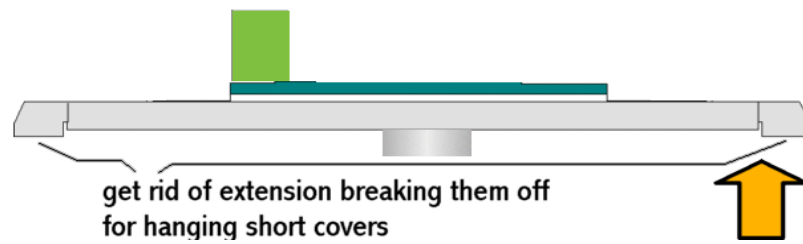
Connections

Connection to a PC: Connector DB9 F (direct cable):

Connection to bus (data and power supply):

- 1 + Positivo alimentazione (24VCC)
- 2 - Negativo alimentazione
- 3 △ Bus canale A
- 4 □ Bus canale B
- 5 ⊥ Collegamento schermo (e terra, vedi note terra)

Installation



Attach the sticker in front side. There are two stickers in the package, one is short and one is large. Choose the one which fit best for the cover to place.

Holder is compatible for covers coming from several brands and models, however in the case your cover cannot fit hanging-holes, the use of two small adhesive velcro® stripes may be a solution.