

Programming adapter

CBX200

- Interface converter for configuration, with galvanic isolation
- USB port for connecting to PC
- TX and RX status displays
- WI-Manager and TTA Set configuration software programs, download at www.weidmueller.com

CBX200 USB



Technical data

Input	
Type	USB 2.0 (USB type A plug)
Input current	≤ 100 mA
Input resistance	22 kΩ
Input voltage	1.6...5.6 V
Output	
Type	RS232 (4-pole 2.5-mm jack plug)
Output voltage	3.3 V regulated
Level on interfaces	1.8...5.6 V (automatically adapted)
Baud rate	≤ 115 kBd
Activation signal	9...15 V typ. 12 V / 4 mA
Insulation coordination	
Insulation voltage	2.5 kV (input / output)

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Pin assignments for jack plug



DTR*	Vcc
0	3,3 V
1	0 V

Control input	RTS*	RS232 interface
12 V	1	active
12 V	0	active
0 V	1	active
0 V	0	not active

* RTS and DTR are internal control signals

Installation notes

The power supply to the device comes from the USB port via a USB type-A plug. The output-side of the RS232 interface uses a four-pole 2.5-mm jack plug to connect. This jack plug is also capable of activating the RS232 interface when needed with a 12-V control voltage. With the assistance of the DTM, the USB interface is diverted to a COM interface. The RS232 interface can be activated with an RTS signal (RTS = 1 → output activated) via the diverted COM interface. The jack plug is also capable of supplying the RS232 node with a regulated voltage of 3.3 V at 4 mA current. The DTR signal (DTR = 0 → supply activated) is used for control. It is also possible to query the status using the DSR signal (DSR = 0 → output activated).

The "WI-Manager" software with the DTM library can all be downloaded free of charge from www.weidmueller.com.

Note

Ordering data

Adapter CBX200 jack plug to mini USB
Configuration interfaces

Type	Qty.	Order No.
ADAPTER CBX200 - MINI USB	1	2907490000
CBX200 USB	1	8978580000

Note

Accessories

Note
