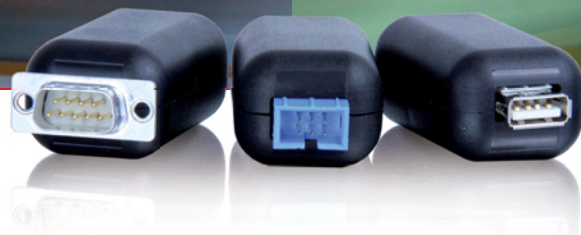



 ENG www.phytron.eu/USB


USB-485 Converter

Interface Converter as Stick for Phytron Stepper Motor Controllers and Power Stages

The USB-RS485 stick connects the Phytron RS485 device easily with the standard PC USB-port. The converter is especially designed for the 4-wire RS485 bus (full duplex).

Connection

The converter is connected to the appropriate controller/power stage directly or by a device-dependent cable.

Before first use the driver must be installed from the Phytron CD.

Three Versions

The stick is available in three versions, which differ in the interface connector:

USB-RS485.4: Connector type USB A for MCC-2, MCC-1 stepper motor controller and MCD+ power stage

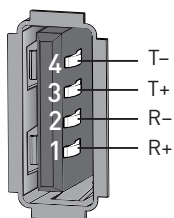
USB-RS485.6: 6-pole connector for rack power stages with ribbon cable connector

USB-RS485.9: 9-pole D-sub connector for OMC/TMC stepper motor controller

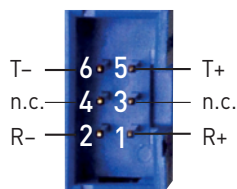
In Focus

- Interface converter for Phytron stepper power stages and controllers
- Dimensions: 55 x 30 x 24 cm (without connector)
- Material: ABS, black
- RS485: 4-wire read/write mode up to 32 bus participants maximum, up to 1200 m (incl. bus termination)
- Data rate: up to 2.5 MBit/s
- Power supply: 70 mA (via USB interface)
- Operating systems: Windows Vista, 7, 8, 10
- Accessories, included in delivery:
 - Connection cable:
 - Type USB A-B, length of 200 cm for all versions
 - Type USB A-A, length of 100 cm for USB-RS485.4
 - Type 6-pole ribbon cable, length of 20 cm for USB-RS485.6
 - Driver CD

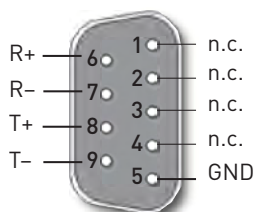
Connector



RS485-USB.4

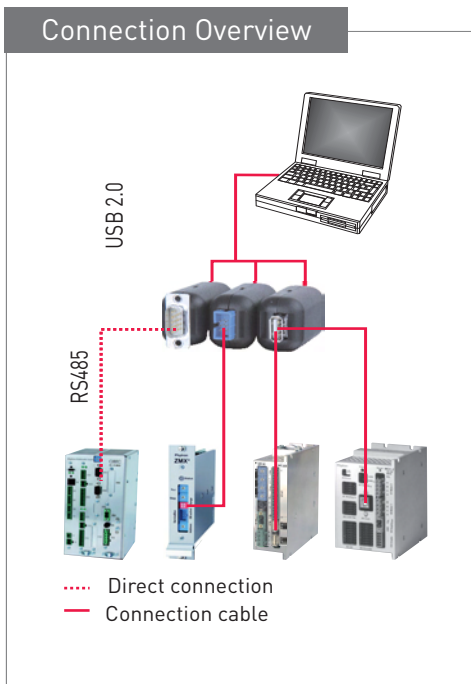


RS485-USB.6



RS485-USB.9

Industrial



Ordering Code

The variable elements of the product are displayed in colour.

Ordering code: USB-RS485 . 4

Diagram showing the breakdown of the ordering code: 'Converter' (grey) and 'Version' (green).

Options	Description
4	for controllers of MCC series and MCD* power stage
6	for rack power stages with 6-pole ribbon cable connector
9	for OMC/TMC controllers

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