

# USB-485 Converter

phytron

## Interface Converter as Stick for Phytron Stepper Motor Controls and Power Stages

### USB-RS485 Converter

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).

The uncomplicated connection simplifies error diagnostics in case of communication interruption.

### Connection

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

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

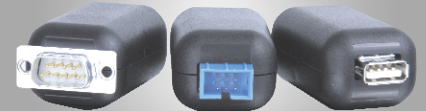
### Three Versions

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

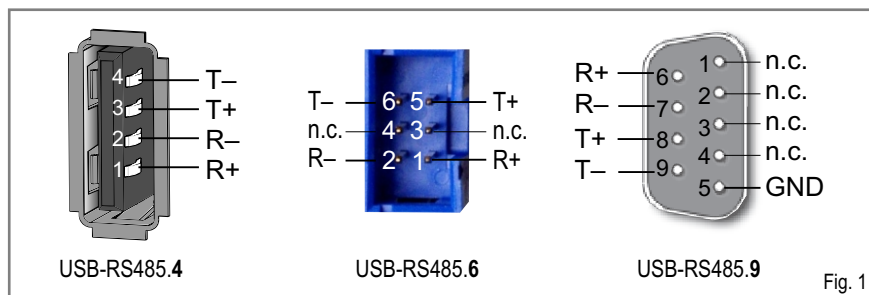
**USB-RS485.4:** Connector type USB A for MCC-2, MCC-1 stepper motor controls and MCD+ power stage

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

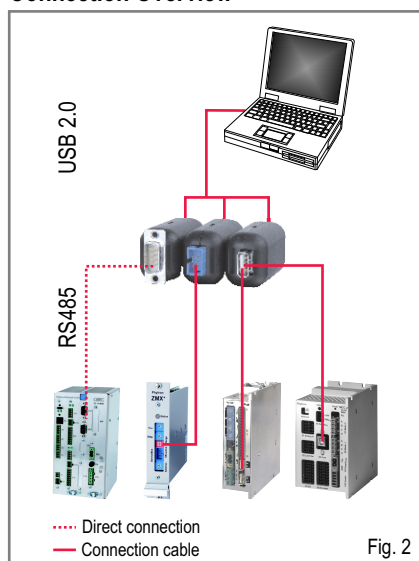
**USB-RS485.9:** 9-pole D-sub connector for OMC/TMC stepper motor controls



### Connector



### Connection Overview



### Ordering Code

<b>USB-485 4</b>	
Converter	USB-RS485
Version	4: for controls of MCC series and MCD+ power stage 6: for rack power stages with 6-pole ribbon cable connector 9: for OMC/TMC controls

## Technical Information

- Interface converter for Phytron stepper power stages and controls
- 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 9x, ME, 2000, XP, Vista, 7
- 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