

# RESI-USB-BOX

Universal USB2.0 to RS232 or RS485 converter



RS485

RS232

We offer an industrial solution with our USB2.0 to serial converter. This converter offers either a RS232 or a RS485 interface to connect your serial devices like serial ASCII or MODBUS/RTU IOs from MOXA®, ADVANTECH® or RESI® to a standard PC; industrial PC or touch panel. The serial bus is connected via a removable 3 pin terminal block. A switch define the type of the serial interface: Either RS232 or RS485.



RESI-USB-BOX

This converter offers an USB1.1/USB2.0 to serial interface to connect to a serial line based on RS232 or RS485 signals via USB. The converter is based on the Silicon Labs CP2103 chipset. In case of a RS485, automatic TX/RX flow control is done by the USB chipset. The module offers a USB socket to connect the USB cable to the host. The serial bus is connected via a removable 3 pin terminal. A switch defines the type of the serial interface: Either RS232 or RS485.

### RESI-USB-BOX

Connects a host with an USB1.1/USB2.0 interface to a serial line with either RS232 or RS485 signal level. Chipset: Silicon Labs CP2103, Host baud rates: 300 to 1MBaud, automatic RX/TX flow control, Data bits: 5,6,7 or 8 bits, Stop bits: 1,1.5 or 2 bits, Parity: odd, even, mark, space or no parity, 576 bytes receive and 640 bytes transmit buffer, Connection of RS232 or RS485 via a removable 3 pin terminal block, Connection of USB with build-in micro USB B female socket, Type of serial line selectable via switch, LED indicator for USB power, TX and RX, Galvanic insulation between USB and serial ports, download free driver software for LINUX, WINDOWS 8, 8.1, 7, VISTA, XP, CE5.0, CE6.0, MAC OSX, ANDROID from [www.RESI.cc](http://www.RESI.cc), Weight: 25g, Dimension (LxWxH): 70x35x15mm, Power supply: via USB port, Power consumption from USB: <0,2W, IP20 BOX housing, 1m cable from USB A male to micro USB male.

We offer the following accessories:

### RESI-CABLE-USBAM-MUSBBM-3M0

Cable 3,0m with USB A male and Micro USB B male

### RESI-CABLE-USBAM-MUSBBM-1M0

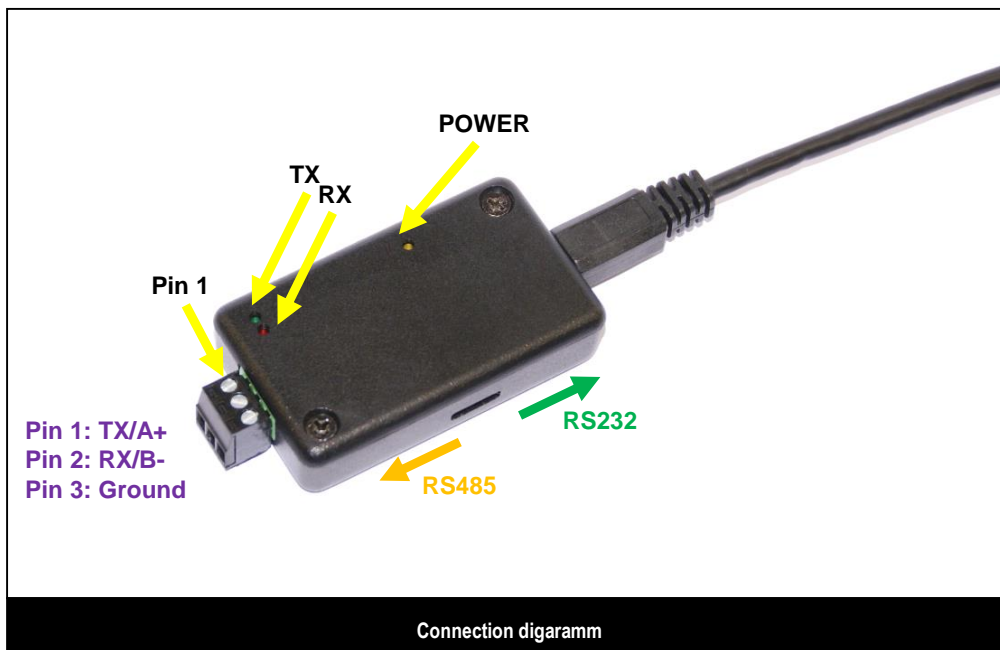
Cable 1,0m with USB A male and Micro USB B male

### RESI-CABLE-MUSBBM-USBAF-0M2

Cable 0,2m with Micro USB B male and USB A female

### RESI-CABLE-2USBAM-0M5

Cable 0,5m with USB A male and USB A male



Connection digaramm

### AT A GLANCE

- Connects a host with an USB1.1/USB2.0 port to serial devices based on RS232 or RS485
- Selection of the type of the serial interface via switch: RS232 or RS485
- Baud rates: 300 to 1MBaud
- Data bits: 5,6,7 or 8 bits
- Stop bits: 1,1.5 or 2 bits
- Parity: no, even, odd, mark or space
- Automatic RS485 flow control
- galvanic insulation between serial interfaces and USB device
- POWER-TX-RX LED indicators
- Power supply: from USB host
- Power consumption: <0.2W from USB host
- Mountable onto a EN50022 DIN rail