

RESI-USB-SIO

Universal USB2.0 to RS232 or RS485 converter for DIN EN 50022 rail mounting



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 converter offers two connections for the USB port: Either front connection to connect the USB cable through the control cabinets 45mm window or a side connection of the USB cable to hide the USB cable behind the front plate of the control cabinet.



This converter offers an USB2.0 to serial interface to connect a device with a USB port to a serial line based on RS232 or RS485 signals. 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 two USB sockets to connect the USB cable: One in the front to plug the cable through the 45mm window of a standard control cabinet into the converter and one on the side to hide the cable under the front plate of the control cabinet.

HINT: It is not allowed to use both USB connection to USB devices at the same time. This can damage or destroy the device.

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

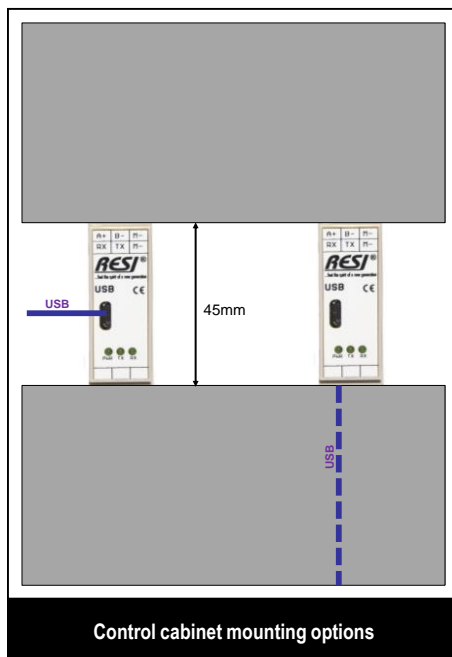
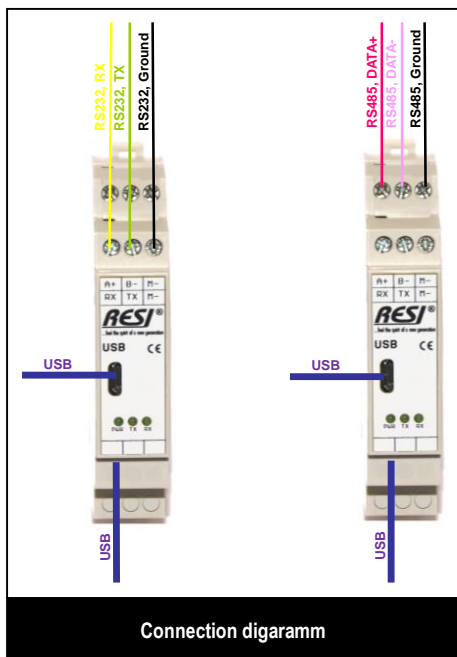
RESI-CABLE-2USBAM-0M5

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



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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 bus cable via clamps, Connection of USB with two build-in micro USB B female sockets, 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, Weight: 45g, Dimension (LxWxH): 17,5x90x58mm, Power supply: via USB port, Power consumption from USB: <0,2W, Mountable onto a EN50022 DIN rail, 1m cable from USB A male to Micro USB B male.



AT A GLANCE

- Connects a host with an USB2.0 port with serial devices based on RS232 or RS485
- Two USB jacks: Either front connection or side connection in a control cabinet
- 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