

# Adapter USB 2.0 Type-A to 1 x Serial RS-422/485 male with 6 pin terminal block 5 V 1.8 m

## Description

This USB 2.0 to serial adapter by Delock provides a standard RS-422 and RS-485 connection for measuring devices, POS systems, printers, modems, IoT devices etc.

## Terminal block

The terminal block is suitable for installation in PC housings and for any solderless cable connection with RS-422 or RS-485 interface.

## Power supply

Optionally, external devices can be supplied with voltage of 5 V over the terminal block.



**Item no. 63465**

EAN: 4043619634651

Country of origin: China

Package: Retail Box

## Technical details

- Connectors:  
Adapter:  
1 x USB 2.0 Type-A male  
1 x serial RS-422/485 D-Sub 9 pin male with screws  
Terminal block:  
1 x serial RS-422/485 D-Sub 9 pin female with nuts  
1 x 6 pin terminal block
- Terminal block: T/R+, T/R-, RXD+, RXD-, GND, VCC
- Chipset: FTDI FT232R
- Data transfer rate up to 921.6 Kbps
- RS-422/485 termination resistor: 120 Ω
- Cable length incl. connectors: ca. 1.8 m

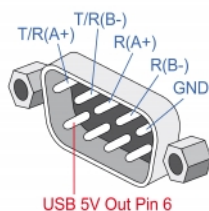
## System requirements

- Linux Kernel 5.11 or above
- Mac OS 11.6 or above
- Windows 8.1/8.1-64/10/10-64/11
- Windows Server 2019
- PC or laptop with a free USB Type-A port

## Package content

- USB 2.0 to 1 x serial RS-422/485 adapter
- Terminal block adapter
- Driver CD
- User manual

## Images



| Pin | DB9 Buchse/Male | Terminalblock/Terminal Block |
|-----|-----------------|------------------------------|
| 1   | Transmit (A+)   | T/R (A+)                     |
| 2   | Transmit (B-)   | T/R (B-)                     |
| 3   | Receive (A+)    | NC                           |
| 4   | Receive (B-)    | NC                           |
| 5   | Signal GND (5G) | Signal GND (5G)              |
| 6   | USB 5 V         | USB 5 V                      |
| 7   | NC              | NC                           |
| 8   | NC              | NC                           |
| 9   | NC              | NC                           |

## General

|                             |                                                                                                                                                                                                                               |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Function:                   | Plug & Play                                                                                                                                                                                                                   |
| Specification:              | RS-422 / RS-485 (EIA / TIA)<br>USB 2.0                                                                                                                                                                                        |
| Supported operating system: | Linux Kernel 2.6 or above<br>Windows 10 32-Bit<br>Windows 10 64-Bit<br>Windows 8.1 32-Bit<br>Windows 8.1 64-Bit<br>Windows Server 2012 R2<br>Windows Server 2016<br>Windows Server 2019<br>Mac OS 11.1 or above<br>Windows 11 |
| Protection:                 | ESD (Electrostatic Discharge)                                                                                                                                                                                                 |

## Interface

|              |                                |
|--------------|--------------------------------|
| Connector 1: | 1 x USB Type-A male            |
| Connector 2: | 1 x Serial RS-422/485 DB9 male |
| Connector 3: | 1 x 6 Pin Terminal Block       |

## Technical characteristics

|                      |                                                                             |
|----------------------|-----------------------------------------------------------------------------|
| Chipset:             | FTDI FT232RL                                                                |
| Data transfer rate:  | 921.6 Kbps                                                                  |
| FIFO:                | 1 x 128 byte receive<br>1 x 256 byte transmit                               |
| Signal transmission: | T/R+, T/R-, RXD+, RXD-, GND, VCC                                            |
| Data transmission:   | asynchronous<br>full duplex<br>Half duplex<br>Bidirectional<br>differential |
| Voltage supply:      | 5 V output voltage                                                          |

|          |                    |
|----------|--------------------|
| UART:    | USB to serial UART |
| Support: | Modbus             |

## Physical characteristics

|                                |                    |
|--------------------------------|--------------------|
| Housing colour:                | black              |
| Cable colour:                  | transparent        |
| Cable length incl. connectors: | 180 cm             |
| Screw type:                    | #4-40 UNC          |
| Shielding:                     | double<br>shielded |

## Manufacturer information

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|-------------|-------------------|
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