

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

## Description

This USB Type-C™ 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. 64269**

EAN: 4043619642694

Country of origin: China

Package: Retail Box

## Technical details

- Connectors:
  - Adapter:
    - 1 x USB 2.0 Type-C™ 2.0 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 Terminator: 120 Ω
- Cable length incl. connectors: ca. 1 m

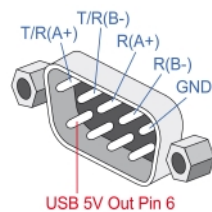
## System requirements

- 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-C™ port

## Package content

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

## Images



| Pin | D99 Buchse/Male  |                  | Terminalblock/Terminal Block |
|-----|------------------|------------------|------------------------------|
|     | RS-422           | RS-485           |                              |
| 1   | Transmit (A+)    | T/R (A+)         | T/R (A+)                     |
| 2   | Transmit (B-)    | T/R (B-)         | T/R (B-)                     |
| 3   | Receive (A+)     | NC               | Receive (A+)                 |
| 4   | Receive (B-)     | NC               | Receive (B-)                 |
| 5   | Signal GND (S/G) | Signal GND (S/G) | Signal GND (S/G)             |
| 6   | USB 5 V          | USB 5 V          | USB 5 V                      |
| 7   | NC               | NC               | NC                           |
| 8   | NC               | NC               | NC                           |
| 9   | NC               | 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-C™ 2.0 male       |
| Connector 2: | 1 x Serial RS-422/485 DB9 male |
| Connector 3: | 1 x 6 Pin Terminal Block       |

## Technical characteristics

|                      |                                                                             |
|----------------------|-----------------------------------------------------------------------------|
| Chipset:             | FTDI FT232RL                                                                |
| 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: | 1 m         |
| Screw type:                    | #4-40 UNC   |
| Shielding:                     | double      |

## Manufacturer information

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