

Delock Adapter USB Type-C™ to 2 x Serial RS-232 DB9 with 15 kV ESD protection

Description

This USB Type-C™ to serial adapter by Delock provides two RS-232 DB9 interfaces for printers, measuring instruments, controllers, IoT devices etc. At each of the RS-232 ports three LEDs indicate the transmission and reception status as well as the USB power.



Item no. 90494

EAN: 4043619904945

Country of origin: Taiwan, Republic of China

Package: White Box

Technical details

- Connectors:
 - 1 x USB Type-C™ male
 - 2 x serial RS-232 DB9 male
- Serial connector with nuts
- Chipset: FTDI FT231XS
- Data transfer rate up to 460.8 Kbps
- FIFO: 512 Byte - RX
- FIFO: 512 Byte - TX
- Databits: 7, 8
- Stop bits: 1, 2
- Parity: even, odd, none, mark, space
- Signals: TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND
- LED colour: red, orange, green
- ±15 kV ESD protection for all serial signals
- Operating temperature: -40 °C ~ 85 °C
- Cable length without connectors: ca. 35 cm

System requirements

- Linux Kernel 4.9 or above
- Mac OS 10.15 or above
- Windows 8.1/8.1-64/10/10-64/11
- PC or laptop with a free USB Type-C™ or Thunderbolt™ 3 port

Package content

- USB Type-C™ to 2 x serial adapter
- Driver CD
- User manual

Images



General

| | |
|-----------------------------|--|
| Function: | Plug & Play |
| Specification: | RS-232 (EIA / TIA) USB Type-C™ |
| Supported operating system: | Linux Kernel 2.6 or above Mac OS 10.13 or above Windows 10 32-Bit Windows 10 64-Bit Windows 7 32-Bit Windows 7 64-Bit Windows 8.1 32-Bit Windows 8.1 64-Bit Windows 11 |
| LED indicator: | PWR / RXD / TXD |
| Protection: | ESD (Electrostatic Discharge) |

Interface

| | |
|---------|----------------------------|
| Output: | 2 x serial RS-232 DB9 plug |
| Input: | 1 x USB Type-C™ male |

Technical characteristics

| | |
|----------------------|---|
| Operating voltage: | 5 V / 90 mA |
| Chipset: | FTDI FT231XS |
| Data transfer rate: | up to 460,8 Kbps |
| FIFO: | 2 x 512 Byte |
| Signal transmission: | TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND |
| Data transmission: | asynchronous full duplex Bi-directional |
| UART: | USB to serial UART |
| Data bits: | 7, 8 |

Physical characteristics

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|-------------------------------|--|
| Housing material: | Plastic (ABS) |
| Weight: | 62 g |
| Cable type: | UL Recognized Component UL AWM 2725 80 °C 30V |
| Cable colour: | black |
| Cable length incl. connector: | 45 cm 35 cm |
| Pin finishing: | gold-plated |
| Conductor gauge: | 28 AWG data line 26 AWG power line |
| Shielding: | double |
| Colour: | black |
| Overvoltage protection: | 15 kV |
| Thread type: | 4-40# |
| Insulator: | PVC |
| LED colour: | red green orange |
| Cable diameter: | 4.5 mm |