

# Delock Converter USB Type-A to Serial RS-422/485 terminal block with surge protection 600 W

## Description

This USB Type-A to RS-422/485 converter by Delock expands the computer by an industrial interface for machine controls, fieldbus systems, measuring instruments, computers, printers etc.

### Protection features

The adapter protects itself and externally connected devices against electrostatic discharges (ESD) and surge voltage.

### Extended temperature range

The adapter supports with extended temperature range high reliability even in demanding environments.



## Specification

- Connectors:
  - 1 x USB Type-A male
  - 1 x RS-422/485 Terminal Block 5 pin
- Chipset: FTDI FT232R
- Auto data flow control
- Plug & Play
- Data transfer: asynchronous, full duplex, half duplex
- Data transfer rate up to 921.6 Kbps
- Supports Modbus
- ±15 kV ESD protection on all signal pins
- Surge Protection: 600 W peak pulse (TVS)
- 3 x LED indicator for power and activity
- Housing material: plastic
- Colour: black
- Operating temperature: -40 °C ~ 85 °C
- Relative humidity: 5 - 95 % (non condensing)
- Dimensions (LxWxH): ca. 62 x 33 x 16 mm

## System requirements

- Linux Kernel 4.6 or above
- Mac OS 10.14.1 or above
- Windows 7/7-64/8.1/8.1-64/10/10-64
- PC or laptop with a free USB Type-A port

## Package content

- Converter USB Type-A to RS-422/485
- Driver CD

## Item no. 87738

EAN: 4043619877386

Country of origin: China

Package: Box

## Images



87738	Terminalblock/Terminal Block
PIN	RS-422/RS-485
1	T/R (A+)
2	T/R (B-)
3	Receive (A+)
4	Receive (B-)
5	Signal GND (SG)

General	
Function:	Plug & Play
Specification:	RS-422 / RS-485 (EIA / TIA) USB 2.0
Supported operating system:	Linux Kernel 2.6 or above Mac OS 10.14.1 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 Server 2012 R2 Windows Server 2012 Windows Server 2016
LED indicator:	3 x PWR / RXD / TXD
Protection:	ESD (Electrostatic Discharge) 600 W Peak Pulse Power
Interface	
Connector 1:	1 x USB 2.0 Type-A male
Connector 2:	1 x 5 Pin Terminalblock
Technical characteristics	
Chipset:	FTDI 232R
Data transfer rate:	up to 921.6 Kbps
Operating temperature:	-40 °C ~ 85 °C
Humidity:	5 ~ 95 %
Data transmission:	asynchronous Half duplex full duplex differential
UART:	USB to serial UART
Support:	Modbus
Physical characteristics	
Housing colour:	black
Housing material:	Plastic
Pin finishing:	gold-plated
Screw type:	#4-40 UNC
Length:	62 mm
Width:	33 mm
Height:	16 mm
LED colour:	red green yellow