



Delock Converter USB Type-A to Serial RS-422/485 terminal block with surge protection 600 W isolation 2.5 kV extended

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:	Windows 7 32-bit Windows 7 64-bit Windows 8.1 32-bit Windows 8.1 64-bit Windows 10 32-bit Windows 10 64-bit Windows Server 2012 R2 Windows Server 2012 Windows Server 2016 Linux Kernel 2.6 or above Mac OS 10.14.1 oder höher
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