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.

Item no. 87738

EAN: 4043619877386
Country of origin: China
Package: Box

Technical details

- 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 7/7-64/8.1/8.1-64/10/10-64/11
- PC or laptop with a free USB Type-A port

Package content

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

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 Windows 11
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 terminal block

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