

# Delock Adapter USB Type-A to Serial RS-422/485 DB9 with surge protection 600 W and extended temperature range

## Description

This USB Type-A to RS-422/485 Adapter 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.



1,5 m

**Item no. 64055**

EAN: 4043619640553

Country of origin: China

Package: Retail Box

## Specification

- Connectors:  
Cable:  
1 x USB Type-A male  
1 x serial RS-422/485 DB9 male  
Terminal block:  
1 x serial RS-422/485 DB9 female  
1 x RS-422/485 Terminal Block 5 pin
- Chipset: FTDI FT232R
- Auto data flow control
- Data transfer: asynchronous, full duplex, half duplex
- Data transfer rate up to 921.6 Kbps
- Supports Modbus
- $\pm 15$  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: blue

- Operating temperature: -40 °C ~ 85 °C
- Relative humidity: 5 - 95 % (non condensing)
- Cable length incl. connectors: ca. 1.5 m
- Plug & Play

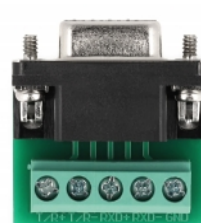
## System requirements

- 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
- Driver CD
- Terminal block

## Images



Signal	DB9 Buchse / Male	Terminalblock / Terminal Block
PIN	RS-422	RS-485
1	Transmit (A+)	T/R (A+)
2	Transmit (B-)	T/R (B-)
3	Receive (A+)	NC
4	Receive (B-)	NC
5	Signal GND (SG)	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 Serial RS-422/485 DB9 male
connector 3:	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
Resistor:	Termination resistors 120 $\Omega$
Support:	Modbus

## Physical characteristics

Ferrite core:	1 x
Housing colour:	blue
Housing material:	Plastic
Cable colour:	transparent
Cable length incl. connector:	1.5 m
Pin finishing:	gold-plated
Screw type:	#4-40 UNC
Shielding:	double
Length:	55 mm
Width:	36 mm
Height:	16 mm
LED colour:	red green yellow