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

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
• ±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
• PC or laptop with a free USB Type-A port

Package content

• Converter USB Type-A to RS-422/485
• Driver CD
• Terminal block
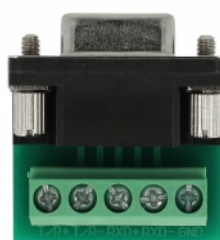
Item no. 64055

EAN: 4043619640553

Country of origin: China

Package: • Retail Box

Adapter

Images

64055	DB9 Buchse/Male		Terminalblock/Terminal Block
PIN	RS-422	RS-485	RS-422/RS-485
1	Transmit (A+)	T/R (A+)	T/R (A+)
2	Transmit (B-)	T/R (B-)	T/R (B-)
3	Receive (A+)	NC	Receive (A+)
4	Receive (B-)	NC	Receive (B-)
5	Signal GND (SG)	Signal GND (SG)	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 or above
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
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