

Delock Converter 1 x RS-232 to 1 x RS-422/485 with 15 kV ESD protection power supply 240 V

Description

The RS-232 to RS-422/485 converter by Delock transmits data between devices with standard RS-232 or RS-422/485 connection and is suitable for fieldbus systems. With its robust metal housing, the converter offers various mounting options and protects against interference from electrostatic discharges (ESD).

Terminating resistors

Internal terminating resistors can be switched on or off with pin headers.

Option RS-232 Extender

Two RS-232 to RS-422/485 converters can be connected directly to each other and thus offer a range of up to 1200 m as an RS-232 extension.



Item no. 64265

EAN: 4043619642656

Country of origin: China

Package: Box

Technical details

- Connectors:
 - 1 x serial RS-232 D-Sub 9 pin female with nuts
 - 1 x serial RS-422/485 D-Sub 9 pin male with nuts
- Modes
 - 2 wire RS-485 (automatic detection)
 - 4 wire RS-422/485 (automatic detection)
 - 4 wire RS-422 (forced)
 - 4 wire RS-422/485 with RTS/CTS option
- 2 x DIP switch: operation modes
- Terminators: RS-422/485 and RTS/CTS
- Automatical recognition and switching between RS-422 and RS-485
- Automatical recognition of the data transfer rate up to 921.6 Kbps
- ± 15 kV ESD protection on all signal pins
- 3 x LED indicator (RX/TX/PWR)
- Operating temperature: 0 °C ~ 60 °C
- Storage temperature: -10 °C ~ 70 °C
- Relative humidity: 5 - 90 % (non condensing)
- Housing material: metal
- Dimensions (LxWxH): ca. 84.6 x 50.0 x 23.0 mm

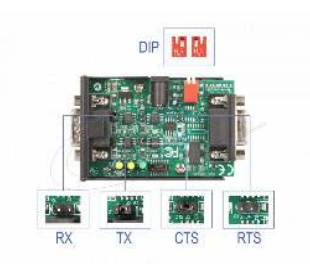
Power supply specification

- Input: AC 100 ~ 240 V / 50 ~ 60 Hz / 0.5 A
- Output: 5.0 V / 1.0 A / 5.0 W
- Ground outside, plus inside
- Dimensions:
 - inside: $\varnothing$ ca. 2.1 mm
 - outside: $\varnothing$ ca. 5.5 mm
- Cable length: ca. 153 cm

Package content

- Converter
- 4 x jumper
- Power supply
- User manual

Images



General

Function:	Converter
Mounting type:	Screw mounting Wall mounting
Specification:	RS-232 (EIA / TIA) RS-422 / RS-485 (EIA / TIA)
Supported operating system:	OS independent, no driver installation necessary
LED indicator:	3 x PWR / RXD / TXD
Protection:	ESD (Electrostatic Discharge)
DIP Switches:	2 x

Technical characteristics

Impedance:	120 Ω
Jumper:	4 x
Signal transmission:	TxD, RxD, RTS, CTS
Data transmission:	asynchronous Bi-directional Half duplex full duplex differential
Voltage supply:	5 V
Resistor:	Terminalresistor 120 Ω ON/OFF
Support:	Modbus

Physical characteristics

Housing material:	steel
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Power supply

Power supply type:	Euro wall power supply
Power supply output:	5.0 V / 1.0 A

Manufacturer information

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