

Delock Converter 1 x Serial RS-232 DB9 female to 1 x Serial RS-422/485 DB9 male with ESD protection 15 kV

Description

This RS-232 to RS-422/485 converter by Delock is suitable for all serial devices, e.g. on machine controls, fieldbus systems, measuring instruments, computers, printers etc. The level converter can be used as a coupling directly between two DB9 connections without an additional power supply.



Item no. 62920

EAN: 4043619629206

Country of origin: China

Package: Box

Specification

- Connectors:
 - 1 x serial RS-232 DB9 female with screws
 - 1 x serial RS-422/485 DB9 male with nuts
 - 1 x RS-422/485 Terminal Block 5 pin
- Auto data flow control
- Plug & Play
- Data transfer: asynchronous, full duplex, half duplex
- Data transfer rate: 300 bps - 115.2 Kbps
- ± 15 kV ESD protection for all serial signals
- Housing material: plastic
- Colour: beige
- Operating temperature: $-25^{\circ}\text{C} \sim 70^{\circ}\text{C}$
- Relative humidity: 5 - 95 % (non condensing)
- Dimensions (LxWxH):
 - Converter: ca. 63 x 33 x 17 mm
 - Terminal block: ca. 32 x 31 x 16 mm
- Bus Power from RS-232: TXD, RTS or DTR
- No external power supply needed

System requirements

- Device with a free RS-232 port

Package content

- Converter RS-232 to RS-422/485
- Terminal block

Images



General

| | |
|-----------------------------|---|
| Function: | Plug & Play Auto RTS Control |
| Specification: | RS-232 (EIA / TIA) RS-422 / RS-485 (EIA / TIA) |
| Supported operating system: | OS independent, no driver installation necessary |
| Protection: | ESD (Electrostatic Discharge) |

Interface

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|--------------|--------------------------------|
| Connector 1: | 1 x serial RS-232 DB9 female |
| Connector 2: | 1 x Serial RS-422/485 DB9 male |

Technical characteristics

| | |
|------------------------|--|
| Data transfer rate: | 300 bps - 115.2 Kbps |
| Operating temperature: | -25 °C ~ 70 °C |
| Humidity: | 5 ~ 95 % |
| Data transmission: | asynchronous Half duplex full duplex |
| Voltage: | RS-232 Bus Power TXD, RTS or DTR |

Physical characteristics

| | |
|-------------------------|-----------------------------------|
| Housing material: | Plastic |
| Pin finishing: | gold-plated |
| Screw type: | #4-40 UNC |
| Length: | 63 mm |
| Width: | 33 mm |
| Height: | 17 mm |
| Overvoltage protection: | ±15 kV ESD Human Body Model (HBM) |