# Delock Converter 1 x Serial RS-232 to 1 x Serial RS-422/485 with ESD protection 15 kV surge protection 600 W and 3 kV isolation extended temperature range

## Description

This RS-232 to RS-485/422 converter by Delock is suitable for all serial devices, e.g. on machine controls, fieldbus systems, measuring instruments, printers or as RS-232 extender. The connected components are protected against surge power by the integrated protection circuits of the converter. The optical isolation suppresses interference and prevents transmission errors as much as possible. The converter is suitable for DIN rail mounting.

-30°C  +75°C

**Item no. 63467**

EAN: 4043619634675

Country of origin: Taiwan, Republic of China

Package:

## Technical details

- Connectors:
  1 x Serial RS-232 DB9 female >
  1 x RS-422/485 Terminal Block 7 pin
- Modes
  2 wire RS-485 (max. 32 devices)
  2 wire RS-485 (Echo Mode)
  4 wire RS-422 Point to Point
  4 wire Multi-Drop RS-485 and RS-422 (max. 10 devices)
- ±15 kV ESD protection on all signal pins
- 3 kV optical isolation
- Power Supply: 10 V - 30 V / 0.5 A
- Surge Protection: 600 W peak pulse
- Data transfer rate up to 921.6 Kbps
- Databits: 5, 6, 7, 8
- Stop bits: 1, 1.5, 2

- Parity: even, odd, none, mark, space
- Flow control: none, software XON / XOFF
- 3 x LED indicator
- Operating temperature: - 30 °C ~ 75 °C
- Storage temperature: - 40 °C ~ 85 °C
- Relative humidity: 5 - 95 % (non condensing)
- Housing material: plastic
- Dimensions (LxWxH): ca. 80 x 42 x 22 mm

## System requirements

- Device with one free RS-422/485 interface
- Device with one free RS-232 interface

## Package content

- Converter
- Mounting for 35 mm DIN rail
- User manual

## Images

© 2024 by Delock. All names and symbols mentioned here are property of the respective producer.
Printing errors, changes and errors excepted.

www.delock.de
63467

2 / 4
03.11.2023

## General

| | |
|---|---|
| Function: | optical isolation<br>Auto RTS Control |
| Mounting type: | DIN rail 35 mm |
| Specification: | RS-232 (EIA / TIA)<br>RS-422 / RS-485 (EIA / TIA) |
| Supported operating system: | OS independent, no driver installation necessary |
| LED indicator: | 3 x PWR / RXD / TXD |
| Protection: | Input overvoltage protection<br>ESD (Electrostatic Discharge)<br>600 W Peak Pulse Power |

## Interface

| | |
|---|---|
| Connector 1: | 1 x serial RS-232 DB9 female |
| Connector 2: | 1 x RS-422/485 Terminal Block 7 pin |

## Technical characteristics

| | |
|---|---|
| Data transfer rate: | up to 921.6 Kbps |
| Storage temperature: | -40 °C ~ 85 °C |
| Operating temperature: | -30 °C ~ 75 °C |
| Humidity: | 5 ~ 95 % |
| Data transmission: | asynchronous<br>full duplex |

## Physical characteristics

| | |
|---|---|
| Housing material: | Plastic |
| Length: | 96.7 mm |
| Width: | 42 mm |
| Height: | 22.2 mm |

| Colour: | black |
|---|---|
| Overvoltage protection: | 15 kV RS-422 / RS-485 |

© 2024 by Delock. All names and symbols mentioned here are property of the respective producer.
Printing errors, changes and errors excepted.

www.delock.de
63467

4 / 4
03.11.2023