Delock Extender RS-232 DB9 female RJ45 female to RS-232 DB9 male RJ45 female ESD protection 1200 m range extended temperature range

Description

This RS-232 Extender with two converters and RJ45 connectors by Delock can bridge long distances between RS-232 devices bidirectionally and OS independently. The differential transmission technology prevents data errors that can occur caused by external interference or different ground potentials. Additional power supplies on the converters ensure the quality of the data signals. Cable lengths of up to 1200 m are achieved. The RS-232 Extender connects scanners, measurement instruments, machines, computers, IOT devices etc.

-20°C ▭ +80°C

Item no. 63934

EAN: 4043619639342

Country of origin: Taiwan, Republic of China

Package: Box

Specification

- Connectors:
  1 x serial RS-232 DB9 female with screws >
  1 x RJ45 jack
  1 x serial RS-232 DB9 male with nuts >
  1 x RJ45 jack
- Plug & Play
- Screw type: #4-40 UNC
- ±15 kV ESD protection for all serial signals
- Data transfer rate up to 460.8 Kbps (300 m, Cat.5)
- Data transfer rate up to 115.2 Kbps (1200 m, Cat.5)
- Signals: RXD, TXD, CTS, RTS
- Flow control: none, Xon / Xoff, RTS / CTS
- Data transmission: bidirectional and differential
- LED indicator for power and activity
- Housing material: plastic
- Housing colour: black

- Cable length incl. connectors: ca. 24 cm
- Operating temperature: -20 °C ~ 80 °C
- Relative humidity: 20 - 60 %
- Dimensions (LxWxH): ca. 46 x 35 x 24 mm

Power supply specification

- Wall power supply
- Input: AC 100 ~ 240 V / 50 ~ 60 Hz / 0.5 A
- Output: 5 V / 2 A
- Cable length incl. connectors: ca. 1.4 m
- Ground outside, plus inside
- Dimensions:
  inside: ø ca. 1.35 mm
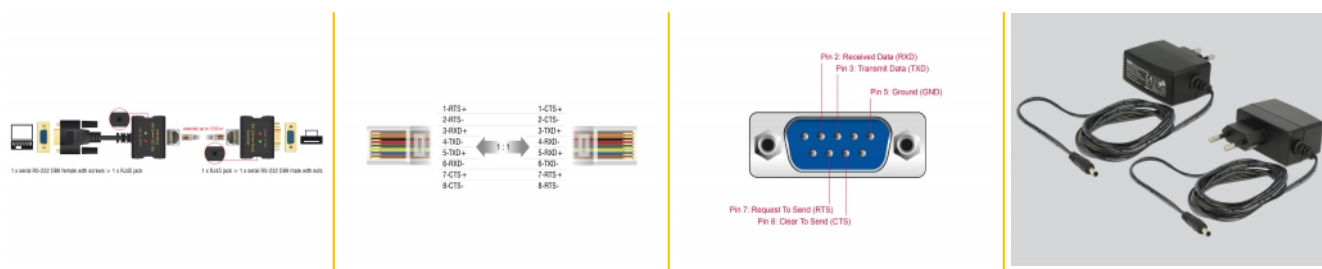 outside: ø ca. 3.5 mm
  length: ca. 9.5 mm

System requirements

- Devices with a free RS-232 interface

Package content

- Converter RS-232 DB9 female with screws > RJ45 female
- Converter RS-232 DB9 male with nuts > RJ45 female
- 2 x power supply

Images

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General

Specification:	RS-232 (EIA / TIA) RS-422
Supported operating system:	OS independent, no driver installation necessary
LED indicator:	Activity Power
Protection:	ESD (Electrostatic Discharge) Common mode Voltage +12V to -7V

Interface

Connector 1:	1 x RJ45 RS-422
Connector 2:	1 x RS-232

Technical characteristics

Data transfer rate:	up to 460,8 Kbps
Converter type:	active
Operating temperature:	-20 °C ~ 80 °C
Humidity:	20 ~ 90 %
Signal transmission:	TxD, RxD, RTS, CTS
Data transmission:	Bi-directional full duplex differential
Voltage:	5 V

Physical characteristics

Connector color:	black
Housing colour:	black
Housing material:	Plastic
Weight:	70 g

Cable colour:	black
Cable length incl. connector:	24 cm
Pin finishing:	gold-plated
Screw type:	#4-40 UNC
Length:	47 mm
Width:	43.0 mm
Height:	24.0 mm
Overvoltage protection:	15 kV 15 kV RS-422 / RS-485

Power supply

Type:	Euro wall power supply
Input:	AC 100 - 240 V / 50 - 60 Hz / 0.5 A
Output:	5 V / 2 A
Connector:	DC male 3.5 mm x 1.35 mm
Cable length:	1.4 m