



# 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.



## 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
- 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

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ltem no. 63934

EAN: 4043619639342

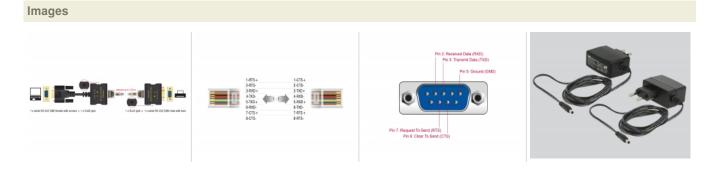
Country of origin: Taiwan, Republic of China

Package:





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



DATASHEET



Supported operating system:     OS independent, no driver installation necessary       LED indicator:     Activity Power       Protection:     ESD (Electrostatic Discharge)       Interface     Interface       Connector 1:     1 x RJ45 jack       Connector 2:     1 x RS-232       Technical characteristics     Up to 460,8 Kbps       Converter type:     active       Operating temperature:     -20 °C ~80 °C       Operating temperature:     -20 °C ~80 °C       Signal transmission:     TxD, RXD, RTS, CTS       Data transmission:     TxD, RXD, RTS, CTS       Data transmission:     S v       Voltage:     S v       Physical characteristics     Itel characteristics       Connector color:     black       Notage:     S v       Physical characteristics     S v       Connector color:     black       Housing colour:     black       Housing material:     Plastic       Weight:     70 g       Cable colour:     black	Specification:
Supported operating system:     OS independent, no driver installation necessary       LED indicator:     Activity Power       Protection:     ESD (Electrostatic Discharge)       Interface     Interface       Connector 1:     1 x RJ45 jack       Connector 2:     1 x RS-232       Technical characteristics     Up to 460,8 Kbps       Converter type:     active       Operating temperature:     -20 °C ~80 °C       Operating temperature:     -20 °C ~80 °C       Signal transmission:     TxD, RXD, RTS, CTS       Data transmission:     TxD, RXD, RTS, CTS       Data transmission:     S v       Voltage:     S v       Physical characteristics     Itel characteristics       Connector color:     black       Notage:     S v       Physical characteristics     S v       Connector color:     black       Housing colour:     black       Housing material:     Plastic       Weight:     70 g       Cable colour:     black	•
LED indicator: Activity Power   Protection: ESD (Electrostatic Discharge)   Interface Interface   Connector 1: 1 x RJ45 jack   Connector 2: 1 x RS-232   Technical characteristics 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: Si-directional full duplex differential   Voltage: 5 V   Physical characteristics   Connector color: black   Housing colour: black   Housing material: Plastic   Weight: 70 g   Cable colour: black	Supported operating system.
PowerProtection:ESD (Electrostatic Discharge)InterfaceConnector 1:1 x RJ45 jackConnector 2:1 x RS-232Technical characteristicsData transfer rate:up to 460,8 KbpsConverter type:activeOperating temperature:-20 °C ~ 80 °CUp of vo %GSignal transmission:TxD, RxD, RTS, CTSData transmission:Bi-directional ful duplex ifferentialVoltage:5 VPhysical characteristicsConnector color:IbackHousing colour:IbackHousing material:PlasticWeight:70 gCable colour:BiackCable colour:BiackCable length incl. connector:BiackCable length incl. connector:BiackCable length incl. connector:24 cm	LED indicator:
Interface       Connector 1:     1 x RJ45 jack       Connector 2:     1 x RS-232       Technical characteristics     Up to 460,8 Kbps       Data transfer rate:     up to 460,8 Kbps       Converter type:     active       Operating temperature:     -20 °C ~ 80 °C       Up of 0 %     Signal transmission:       Signal transmission:     TxD, RxD, RTS, CTS       Data transmission:     Bi-directional       full duplex     differential       Voltage:     5 V       Physical characteristics     Edack       Connector color:     black       Housing colour:     plastic       Weight:     70 g       Cable colour:     black       Cable colour:     black	
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Cable colour:blackCable length incl. connector:24 cm	
Cable length incl. connector: 24 cm	Housing material:
-	Housing material: Weight:
Pin finishing: a log-plated	
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Screw type: #4-40 UNC	Weight: Cable colour:
Length: 47 mm	Weight: Cable colour: Cable length incl. connector: Pin finishing:
Width: 43.0 mm	Weight: Cable colour: Cable length incl. connector: Pin finishing:
Height: 24.0 mm	Weight: Cable colour: Cable length incl. connector: Pin finishing: Screw type:
Power supply	Weight: Cable colour: Cable length incl. connector: Pin finishing: Screw type: Length:
	Weight: Cable colour: Cable length incl. connector: Pin finishing: Screw type: Length: Width: Height:
Input: AC 100 - 240 V / 50 - 60 Hz / 0.5 A	Weight: Cable colour: Cable length incl. connector: Pin finishing: Screw type: Length: Width: Height:
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Cable length: 1.4 m	Weight: Cable colour: Cable length incl. connector: Pin finishing: Screw type: Length: Width: Height: Height: Power supply Type: Input: Output: Connector: