



Delock Converter RS-232 > RS-232 with 3 kV Isolation 600 W power surge

Description

This RS-232 to RS-232 isolator by Delock is designed to protect the connected components from electrostatic discharges and power surge. In addition, the galvanic isolation avoids data transmission errors by uneven ground voltages. Power can be provided through the serial interface or the included power supply. DIN rail mounting is supported.



-30°C  +75°C

Specification

- Connector:
 - Host: 1 x D-Sub 9 pin Serial RS-232 female
 - Device: 1 x D-Sub 9 pin Serial RS-232 male
 - 1 x DC 1.3 x 3.5 mm female
- Data transfer rate up to 1 Mbps
- Data Bit: 5, 6, 7, 8
- Stopp Bit: 1, 1.5, 2
- Parity: None, Even, Odd, Space, Mark
- Signals: TXD, RXD, CTS, RTS, DCD, DSR, DTR
- LED indicators for status TX / RX and power supply
- Galvanic isolation 3 kV (optical isolation)
- 600 W power surge for the RS-232 interfaces
- 600 W power surge at the DC Connector
- ± 15 kV ESD protection for all signal pins
- Power supply RS-232 interface pin 9: 12 V (optional)
- Power supply: 10 - 30 V
- Power consumption: ca. 50 mA
- Operating temperature: - 30 °C ~ 75 °C
- Relative humidity: 5 ~ 95 % (not condensing)
- Storage temperature: - 40 °C ~ 85 °C
- Housing material: plastic
- Dimensions (LxWxH): ca. 88 x 54 x 22 mm
- Accessories for mounting on 35 mm DIN rails

Power supply specification

- Wall power supply
 - Input: AC 100 ~ 240 V / 50 ~ 60 Hz / 0.48 A
 - Output: 12 V / 1.6 A
- Ground outside, plus inside
- Dimensions:
 - inside: ø ca. 1.3 mm
 - outside: ø ca. 3.5 mm
 - length: ca. 9.5 mm

System requirements

- Devices with RS-232 interfaces

Package content

- Converter

Item no. 62500

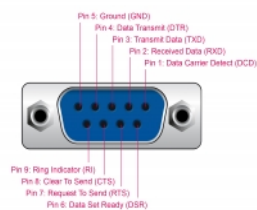
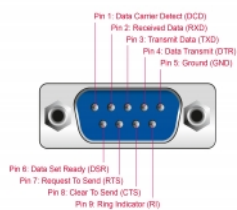
EAN: 4043619625000

Country of origin: Taiwan, Republic of China

Package: Box

- Power supply
- Mounting set for DIN rail
- User manual

Images





General	
Function:	optical isolation
Mounting type:	DIN rail 35 mm
Specification:	RS-232 (EIA / TIA)
Supported operating system:	OS independent, no driver installation necessary
LED indicator:	PWR / RXD / TXD
Protection:	ESD (Electrostatic Discharge) Surge Protection 600 W
Interface	
Connector 1:	1 x Seriell RS-232 DB9 Stecker
Connector 2:	1 x Serial RS-232 DB9 female
connector 3:	1 x DC jack
Technical characteristics	
Data transfer rate:	up to 921.6 Kbps
Operating temperature:	-30 °C ~ 75 °C
Humidity:	5 ~ 95 %
Signal transmission:	TxD, RxD, RTS, CTS, DTR, DSR, DCD
Data transmission:	asynchronous full duplex
Voltage:	Power supply: 10 - 30 V Optional PIN 9: 12 V
Current consumption:	50 mA
Physical characteristics	
Housing material:	Plastic
Screw type:	#4-40 UNC
Length:	80 mm
Width:	54 mm
Height:	22 mm
Colour:	black
Overvoltage protection:	15 kV
Insulator:	3 kV
Power supply	
Type:	Euro wall power supply
Connector:	DC male 3.5 mm x 1.35 mm