

Data sheet:

RS232 isolator, 50 kV



Article no.: 88050

EUR 158.00

*Net price for commercial users

Lightning damage? No thank you

The tubular isolator ensures galvanic isolation between two RS232 devices with an isolation voltage of min., 50kV DC and gets by completely without additional supply voltage.

Properties

Interfaces:

- **2x RS232 ports**
 - 25-pin SUB-D plug, DCE assignment
 - 25-pin SUB-D socket, DTE assignment
- **Galvanic isolation between the ports**
 - Isolation voltage 50kV DC

Management and Connectivity:

- **Integrated into the cable**
- **No re-configuration of transmission parameters required**
- **Ideal between medical devices or high-voltage test equipment and a PC**
- **Effective lightning protection as a connection cable**

Power supply:

- **No additional power source required**

Standards & more

- **Conforms to standards both in office and industrial environments:**
 - High noise resistance per EN 61000-6-2
 - Low noise emission per EN 55032:2015 + A1 Cl. B, EN 61000-3-2 & EN 61000-3-3
- **5 year guarantee**

♥ Wish for something!
Your suggestions for improvement and additions

Worth knowing

Security against lightning strikes:

There's no protection against a direct lightning strike, since the energy potential of lightning is simply too great. But electronic data processing equipment can be effectively protected against lightning strikes farther away. With a dielectric strength of the isolator of 50kV, the residual probability of damage from lightning is extremely low.

The experience of the last few years shows that customers, who had considerable damage done to their IT devices by lightning, reported no such incidents since they had installed isolators.

Technical data

Connections and displays:

Serial Port A: RS232 Interface
25-pin SUB-D adapter, DCE assignment

Serial Port B: RS232 Interface
25-pin SUB-D socket, DTE assignment

Baud rate: 300..9,600 baud

Data format: any format

Galvanic isolation: min. 50kV DC

Supported signals: RxD, TxD

Power supply: through the RS232 signals

Input impedance: > 220 Ohm

Housing and other data:

Housing: Tubular plastic housing
250 x 20 mm (L x D)

Weight: approx. 340g

Scope of delivery: RS232 isolator, 50 kV
25-pin Gender Changer female/female

Accessories

*Net unit price for
commercial users

Cable and Connector Accessories

9-pin adapter set for isolators

11573 optional

* Our offering is intended only for commercial users. We will be happy to refer private end customers to trading partners through whom our products can be purchased.



We are available to you in person:

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