

Data sheet:

RS232 <> RS422 interface, 50kV-isolated



Article no.: 86050

Unfortunately, this article is no longer available.

Lightning protection for copper wiring

Properties

General information:

- Isolated connection for RS232 and RS422 devices
- 50kV isolation
- integrated into the cable
- No re-configuration of transmission parameters required
- No separate power supply necessary
- Protection against damage by lightning

Background information:

There is no protection against damage from lightning that hits your wiring system, due to the extremely high energy of the bolts. However, it is useful to protect your IT installation against damage from lightning that impacts on lines far away from your premises by using electrical isolators. An isolation of only 1kV already reliably protects you against most lightning damage. With an electrical strength of 50kV, the chance for such damage is practically nil. 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

Isolation:	min. 50 kV
Baud rate:	300..9,600 baud
Data format:	any format
Signal lines:	RxD A, RxD B, TxD A, TxD B
Power supply:	through the RS422 and RS232 signals
Input impedance:	> 220 Ohm
RS232 adapter:	25-pin SUB-D adapter, including 2m cable DCE assignment
RS422 adapter:	25-pin SUB-D socket, including 2m cable
Housing:	Plastic housing, 250 x 20 mm Ø
Weight:	approx. 340 g
Scope of delivery:	1x RS232 <-> RS422, interface 50 kV-isolated 1x gender changer S/S, model 11770

[We are available to you in person:](#)

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