

RS 485/422 ISOLATOR / REPEATER

ISO 485 / 422



- The RS 485/422 Isolator / Repeater - ISO 485/422 is primarily intended to provide complete Isolation between communication devices, so that they are protected against any inadvertent damage due to electrical disturbances. The ISO 485/422 also provides necessary immunity to a System against Electrical Noise Interferences and differential ground.
- The Product can also be used for extending the operational distance by acting as a Serial Repeater/Amplifier.
- ISO 485/422 is available as a compact unit enclosed in a plastic casing, which takes power from the supplied Power adaptor.
- The Converter is populated with Surface Mount components for good reliability and to reduce the size. At the same time, it is equipped with good and reliable Isolation to Data signals.

Features & Specifications

Interface

Serial	RS 485 and RS 422
Connectors	RS 485 / 422- DB 9 connector, Power Input- Screw type connector

RS 485

Maximum Cable Length	1200 Meters on either side
Baud Rate	57600 bps Maximum

Isolation

Power & Signal	2500V rms
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Indicators (LED)

Transmit Data(TxD)	Yellow
Receive Data (RxD)	Green
Power ON	Red

Power

Input	5 V-24 V DC (External 12V Power Adapter supplied)
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Environmental

Operating	0 °C to 70 °C
	-40 °C to 85 °C

Packaging

Dimensions	115mm(L) x 43mm(W) x 20mm(H)
Weight	60g
Warranty	12 Months

Applications

- Computer & Automation System.
- High noise data communications.
- Industrial Control Systems & Communication.
- Building Automation.
- Isolation between 485/422 devices.
- Extending Operational Distance.
- Where more than 32 nodes are connected to the bus.
- Video Surveillance & Security Control Panel.

DB 9 Connectors



Male Connector



Female Connector

Part Number

Description

2766055347

ISO 485/422 M

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