



RS-232 to RS-422, RS-485 Isolated DIN Rail Mount Serial Interface Converter

Part: 1105 | **Model:** DIN485+I

The 1105 isolated DIN rail mountable serial interface converter allows a standard RS-232 port to communicate with an individual RS-422 device or with multiple devices within an RS-485 network. Support is provided for RS-422 full duplex mode as well as RS-485 full or half duplex master and slave modes. Autobaud, Send Data, and RTS modes are supported, offering maximum flexibility to all of your application requirements.

To simplify installation and configuration, a printed copy of the Interface Converter QuickStart Guide is included with all DIN rail mountable interface converter orders.

Note: This item has a minimum order quantity (MOQ) of 25 units. Please contact your sales representative with any questions.

Features & Specifications

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Features

- DIN rail mount design
- Configurable for RS-422 or RS-485
- Optical isolation provides protection against transients and ground loops
- Data rates to 115.2K bps
- Automatic RS-485 enable/disable
- Easily accessible terminal block connections
- DIN rail mountable DC power supply available (Item # PS101 @ 24V or PS102 @ 12V)

Specifications

Dimensions	4.3 (L) x 0.9 (W) x 3.0 (H)
Electrical Interface	RS-232, RS-422, RS-485
Humidity Range	10 – 90% Relative Humidity, Non-Condensing
Host Interface(s)	RS-232
Max Data Distance	4000 feet
Max Data Rate	115.2K bps
Optically Isolated	Yes
Operating Temperature	0°C to 70°C (32°F to 158°F)
# of Ports	1
Power Requirement	9-30 VDC
Serial Connector(s)	Screw Terminals
Storage Temperature	-50°C to 105°C (-58°F to 221°F)