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ADAM-4522 RoHS

RS-232 to RS-422/485 Converter



Main Features

- Automatic RS-485 data flow control
- Surge protection RS-485 data line
- Transmission speed up to 115.2 Kbps
- Networking up to 1200 meters (4000 feet)
- Reserved space for termination resistors
- Power and data flow indicator for troubleshooting
- Power requirement: +10 to +30 VDC
- Mounts easily on a DIN-rail, panel or piggyback



3D model online view
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 Manual/ Driver/ BIOS/ FAQ

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Introduction

Most industrial computer systems come with standard RS-232 serial ports. Though widely accepted, RS-232 has limited transmission speed, range, and networking capabilities. The RS-422 and RS-485 standards overcome these limitations by using differential voltage lines for data and control signals. The ADAM-4520/4522 converter lets you take advantage of RS-422 and RS-485 on systems originally equipped with RS-232. It transparently converts RS-232 signals into isolated RS-422 or RS-485 signals. You do not need to change your PC's hardware or your software. The ADAM-4522 lets you easily build an industrial grade, long distance communication system with standard PC hardware. It extends the communication distance by 4000 ft. (1200 m) or increases the maximum number of connected nodes by 32.

Specifications

Part Number	ADAM-4522-AE	
	<input type="button" value="Get Quote"/>	
General	Built-in I/O	-
	Comm. Distance	Serial: 1.2 km
	Comm. Protocol	-
	Comm. Speed	Serial: From 1,200 to 115.2 k
	Data Flow Control	-
	Interface Connectors	RS-232: termale DB9 RS-422/485: plug-in screw terminal
	Isolation Voltage	-
	Network	RS-232 to RS-422/485
Watchdog Timer	-	

Ordering Information

Part Number	Description
ADAM-4522-AE RoHS	RS-232 to RS-422/485 Converters <input type="button" value="Get Quote"/>

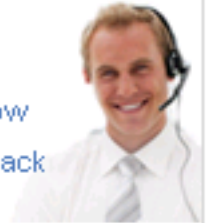
Accessory

Part Number	Description
PWR-242-AE	DIN-rail Power Supply
PWR-243-AE	Panel Mount Power Supply
PWR-244-AE	Panel Mount Power Supply

Our Sales Engineers have the technical knowledge and skills required to be your project liaison from concept to completion.

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