

ADAM-4510/S ADAM-4520 ADAM-4521

RS-422/485 Repeater

Isolated RS-232 to RS-422/485 Converter

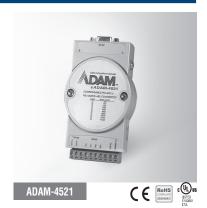
Addressable RS-422/485 to RS-232 Converter











Specifications

General

2 x plug-in terminal blocks Connectors (#14 ~ 22 AWG) (RS-422/485)

 Isolation Voltage 3,000 V_{DC} (ADAM-4510S) Power Consumption 1.4 W @ 24 V_{DC}

Serial Communications

Input RS-485 (2-wire) or RS-422 (4-wire) RS-485 (2-wire) or Output RS-422 (4-wire)

 Speed Modes (bps) 1.200, 2.400, 4.800, 9.600, 19.2 k, 38.4 k, 57.6 k, 115.2 k, RTS control and RS-422 (switchable)

Specifications

General

Connectors 1 x plug-in terminal block (#14 ~ 22 AWG) (RS-422/485) 1 x DB9-F (RS-232) Isolation Voltage 3,000 V_{DC} ■ Power Consumption 1.2 W @ 24 V_{DC}

Serial Communications

Input RS-232 (DB9) - Output RS-485 (2-wire) or RS-422 (4-wire) Speed Modes (bps) 1.200, 2.400, 4.800, 9.600, 19.2 k, 38.4 k, 57.6 k, 115.2 k, RTS control and

RS-422 (switchable)

Specifications

General

1 x plug-in terminal block Connectors (#14 ~ 22 AWG) (RS-422/485) 1 x DB9-F (RS-232) Isolation Voltage 1,000 V_{DC} ■ Power Consumption 1.0 W @ 24 V_{DC} • Built-in microprocessor and watchdog timer

Serial Communications

RS-485 (2-wire) or Input RS-422 (4-wire) Output RS-232 (DB9) Speed Modes (bps) 300, 600, 1,200, 2,400, 4.800. 9.600. 19.2 k. 38.4 k, 57.6 k, 115.2 k

(software configurable) RS-232 and 485 can be set to different **baudrates**

 RS-485 surge protection and automatic RS-485 data flow control

 Software configurable to either addressable or non-addressable mode

Common Specifications

General

 Power Input Unregulated $10 \sim 30 \text{ V}_{DC}$ w/ power reversal protection

Environment

 Operating Humidity 5~95% RH Operating - 10 ~ 70°C (14 ~ 158°F) Temperature

Storage Temperature $-25 \sim 85$ °C ($-13 \sim 185$ °F)

Ordering Information

ADAM-4510 RS-422/485 Repeater ADAM-4510S Isolated RS-422/485 Repeater ADAM-4520 Isolated RS-232 to

RS-422/485 Converter ADAM-4521 Addressable

RS-422/485 to RS-232 Converter

ADVANTECH

RS-485 I/O Modules: ADAM-4000



Assured Systems

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