

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



ADAM-4510/4510S

FM APPROVED CE RoHS COMPLIANT 2002/95/EC UL LISTED E180881 I.T.C. US

Specifications

General

- Connectors 2 x plug-in terminal blocks (#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)
- 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)



ADAM-4520

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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)



ADAM-4521

FM APPROVED CE RoHS COMPLIANT 2002/95/EC UL LISTED E180881 I.T.C. US

Specifications

General

- Connectors 1 x plug-in terminal block (#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

- Input RS-485 (2-wire) or 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 ~ 30 V_{DC} w/ power reversal protection

Environment

- Operating Humidity 5 ~ 95% RH
- Operating Temperature -10 ~ 70°C (14 ~ 158°F)
- Storage Temperature -25 ~ 85°C (-13 ~ 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