RS-485 I/O Modules: ADAM-4000

ADAM-4510/S
ADAM-4520
ADAM-4521

Specifications

General
- Connectors: 2 x plug-in terminal blocks (#14 ~ 22 AWG) (RS-422/485)
- Isolation Voltage: 3,000 VDC (ADAM-4510S)
- Power Consumption: 1.4 W @ 24 Vdc

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)

Specifications

General
- Connectors: 1 x plug-in terminal block (#14 ~ 22 AWG) (RS-422/485)
- Isolation Voltage: 3,000 VDC
- Power Consumption: 1.2 W @ 24 Vdc

Serial Communications
- Input: RS-485 (2-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)

Specifications

General
- Connectors: 1 x plug-in terminal block (#14 ~ 22 AWG) (RS-422/485)
- Isolation Voltage: 1,000 VDC
- Power Consumption: 1.0 W @ 24 Vdc
- 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 Vdc 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

All product specifications are subject to change without notice. Last updated: 27-Jun-2018