ADAM-4510/S
ADAM-4520

RS-422/485 Repeater

Isolated RS-232 to RS-422/485 Converter



ADAM-4510/4510S

CE FCC RoHS

Specifications

General

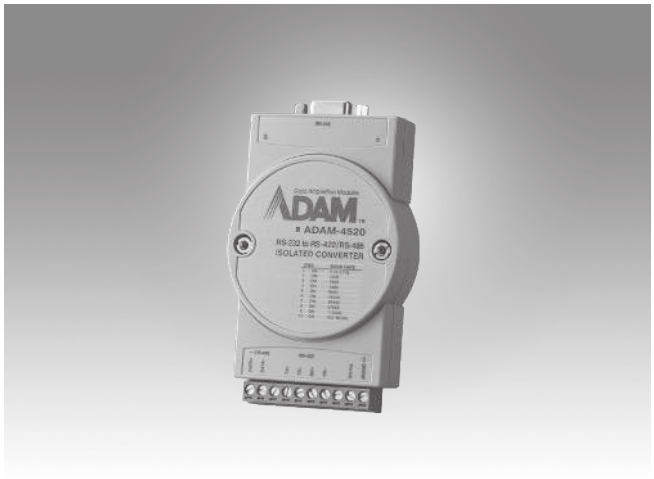
- **Connectors** 2 x plug-in terminal blocks (#14 ~ 30 AWG) (RS-422/485)
- **Isolation Voltage** 3,000 V_{DC} (ADAM-4510S)
- **Power Input** Unregulated 10 ~ 48 V_{DC} w/ power reversal protection
- **Power Consumption** ADAM-4510
  Typical: 0.2W @ 24 V
  Max.: 0.5W @ 24 V
  ADAM-4510S
  Typical: 0.7W @ 24 V
  Max.: 1W @ 24 V
- **Dimensions** 102 x 60 x 27 mm

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)** 115.2 kbps, max. (Auto detection on baud rate)

Environment

- **Operating Temperature** -40~85°C (-40~185° F)
- **Relative Humidity** Operating, 95% RH @ 40°C, non-condensing
  Non-operating, 95% RH @ 60°C, non-condensing



ADAM-4520

CE FCC RoHS

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 Input** Unregulated 10 ~ 30 V_{DC} w/ power reversal protection
- **Power Consumption** Typical: 0.8 W @ 24 V_{DC}
  Max.: 1 W @ 24 V_{DC}
- **Dimensions** 102 x 60 x 25 mm

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)

Environment

- **Operating Temperature** -10~70°C (14~158° F)
- **Relative Humidity** Operating, 95% RH @ 40°C, non-condensing
  Non-operating, 95% RH @ 60°C, non-condensing

Ordering Information

- **ADAM-4510-G** RS-422/485 Repeater
- **ADAM-4510S-G** Isolated RS-422/485 Repeater
- **ADAM-4520-F** Isolated RS-232 to RS-422/485 Converter

All product specifications are subject to change without notice.