ADAM-4510/S

RS-422/485 Repeater



ADAM-4510/4510S

Features

- Transmission speed up to 115.2 kbps with auto Baud-rate Detection
- Networking up to 1200 meters (4000 feet)
- 3000 V_{DC} Isolation (ADAM-4510S)
- Power Input 10 ~ 48 V_{DC} with power reversal protection
- Operating Temperature -40~85°C (-40~185° F)
- Auto-detection on baud rate / data format
- Switch for RS-422/485 Setting and terminal resistance setting

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

Certifications

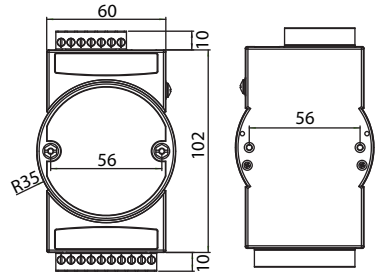
- **CE**
- **FCC**
- **UL 62368**
- **IEC 62368**

Ordering Information

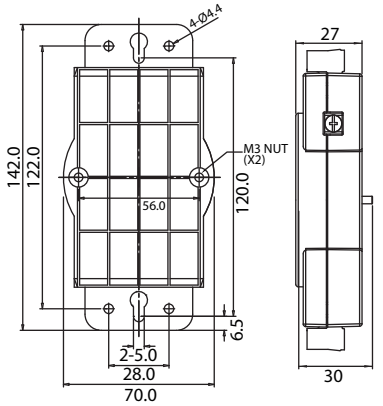
- **ADAM-4510-G** RS-422/485 Repeater
- **ADAM-4510S-G** Isolated RS-422/485 Repeater

Dimensions

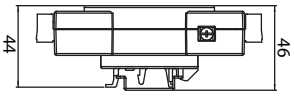
Unit: mm



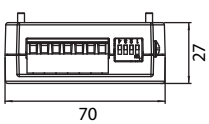
Front View Rear View



Panel Mounting Bracket Side View



Din-Rail Mounting Adapter



Top View

All product specifications are subject to change without notice.