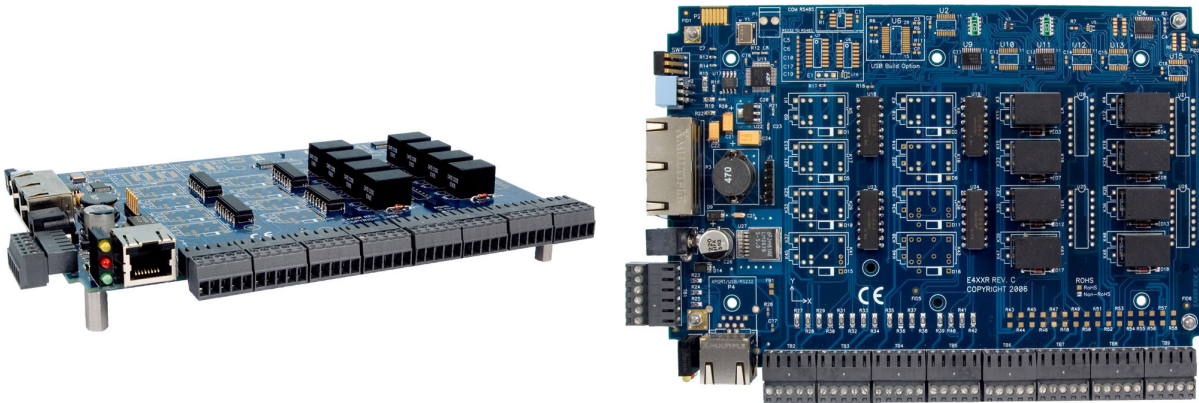


RS-232 Modbus RTU Interface to 16 Isolated Inputs / 8 Form C Relay Outputs

sealevel.com/product/420s-oem-rs-232-modbus-rtu-interface-to-16-isolated-inputs-8-form-c-relay-outputs



Part: 420S-OEM **Model:** Seal/O-420S-OEM

\$229.00

Need some help? [Contact us](#)

Description

Control and monitor 16 optically isolated inputs and 8 Form C (SPDT) relay outputs with the Seal/O-420S-OEM. Inputs can range from 5-30VDC, while the Reed relays provide long life switch closures well suited to low current devices. Inputs and outputs are grouped into four-bit segments that each share a common for easy wiring via removable 3.5mm terminal blocks. The Seal/O-420S-OEM is powered from your 9-30VDC source, or select from a variety of Sealevel power supply options.

Communicate with the Seal/O-420S-OEM using industry-standard Modbus RTU protocol or use the Sealevel [SeaMAX API](#) software libraries from your application program. Sealevel's [SeaMAX](#) software drivers and utilities make installation and operation easy using [Microsoft Windows](#) and [Linux](#) operating systems.

Expand your I/O network with Seal/O N-series products. Seal/O OEM boards are available with Reed and Form C relays, optically isolated inputs, TTL interfaces, A/D and D/A functionality. Up to 246 additional expansion modules can be added using convenient pass-through connectors.

Get a jump start on your digital I/O development with [The Digital I/O Handbook](#) that will provide helpful information that you will use again and again. Check out [Chapter 1](#) for an overview of logic principles.

Category: [RS-232](#)

Additional information

| | |
|---------------------------------|--|
| Family | Seal/O |
| Contact Bounce Time | 2ms max. |
| Contact Current | 2A max. |
| Contact Operate Time | 2ms max. |
| Contact Release Time | 1ms max. |
| Contact Voltage | 60VDC max. |
| Digital I/O | Form C Relay Outputs, Isolated Inputs |
| Dimensions | 7.5 (L) x 5.0 (W) x 0.8 (H) |
| Extended Temperature | Call for Options |
| Humidity Range | 10 – 90% Relative Humidity, Non-Condensing |
| Input Isolation | 300V |
| Input Range | 5-30 VDC |
| Host Interface(s) | RS-232 |
| Number of Inputs/Outputs | 16 Inputs8 Outputs |
| OEM | Yes |
| Operating Temperature | 0°C to 70°C (32°F to 158°F) |

| | |
|----------------------------|---------------------------------|
| # of Ports | 16/8 |
| Power Requirement | 9-30 VDC @ 2.2W |
| Storage Temperature | -50°C to 105°C (-58°F to 221°F) |

- RS-232 Modbus RTU interface
- 16 optically isolated inputs
- 8 SPDT Form C relays
- Removable screw terminals simplify field wiring
- Input power via terminal block or modular connector
- Includes four 3/4 metal standoffs with nuts
- Sealevel [SeaMAX software](#) supports Microsoft Windows and Linux operating systems

Copyright 1996 - 2021 - Sealevel Systems, Inc. All rights reserved.