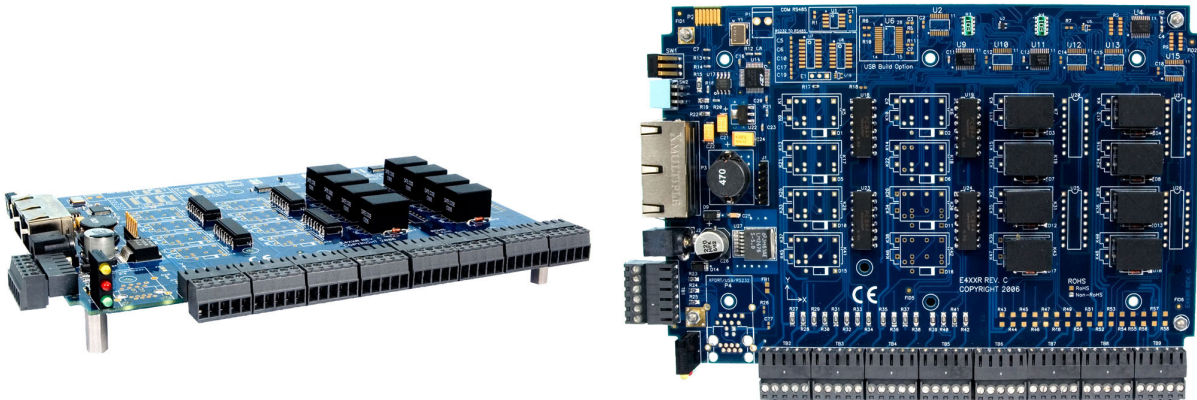


RS-485 Modbus RTU Interface to 16 Isolated Inputs / 8 Form C Relay Outputs

sealevel.com/product/420m-oem-rs-485-modbus-rtu-interface-to-16-isolated-inputs-8-form-c-relay-outputs



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

\$229.00

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Description

Control and monitor 16 optically isolated inputs and 8 Form C (SPDT) relay outputs with the Seal/O-420M-OEM. Inputs can range from 5-30VDC, while the Form C relays provide switch closures up to 60VDC @ 2A. 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-420M-OEM is powered from your 9-30VDC source, or select from a variety of Sealevel power supply options.

Communicate with the Seal/O-420M-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-485](#)

Additional information

Family	Seal/O
Contact Bounce Time	7ms 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-485
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 @ 2.0W
RoHS Compliant	Yes
Storage Temperature	-50°C to 105°C (-58°F to 221°F)

RS-485 Modbus RTU interface

16 optically isolated inputs

8 SPDT Form C relays

Removable screw terminals simplify field wiring

Includes four 3/4 metal standoffs with nuts

Input power via terminal block or modular connector

Sealevel SeaMAX software supports Microsoft Windows and Linux operating systems

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