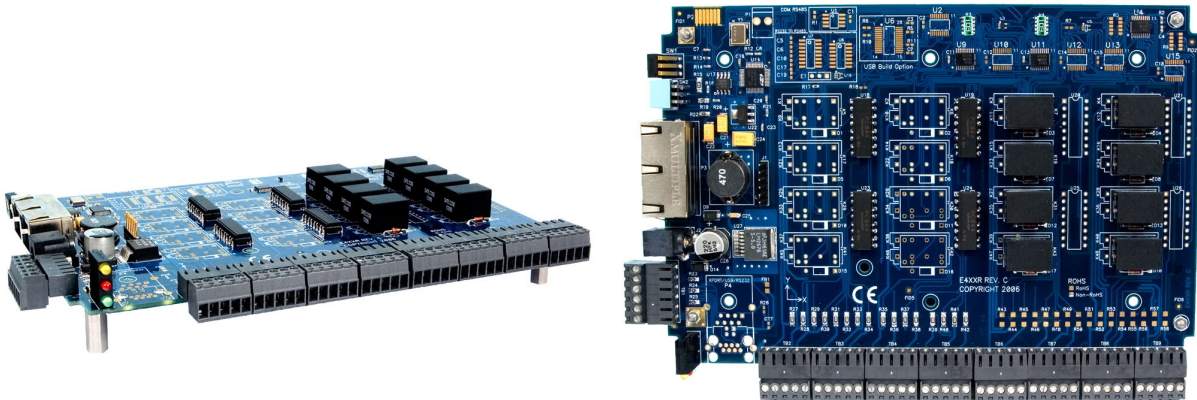


16 Optically Isolated Input / 8 Form C Relay Output Seal/O Expansion Module

sealevel.com/product/420n-oem-16-optically-isolated-input-8-form-c-relay-output-seai-o-expansion-module



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

\$229.00

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Description

The Seal/O-420N-OEM adds 16 optically isolated inputs and 8 Form C relay outputs to your Seal/O network. Compatible with all Seal/O base units (Ethernet, USB, RS-485, RS-232), the Seal/O-420N-OEM connects easily using an RS-485 input. Cabling is accomplished via the units RJ45 connector or removable screw terminals. RS-485 line conditioning allows easy installation of termination and pull-up/pull-down resistors.

All Seal/O N-series expansion modules ship with four metal standoffs with nuts. The metal standoffs allow you to connect multiple Seal/O OEM boards together in a stack. The optional [CA239](#) interconnect cable can be used to connect Seal/O OEM boards together via the RJ45 pass-through connectors, providing an easy method to cascade RS-485 signals and power from one module to the next. Alternatively, use inexpensive CAT5 cabling to pass data signals between Seal/O OEM boards to create a distributed network.

Category: [Expansion](#)

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) | Expansion |
| Number of Inputs/Outputs | 16 Inputs / 8 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 |

-50°C to 105°C (-58°F to 221°F)

Storage Temperature

Quick connection to Seal/O devices using RJ45 connector or removable screw terminals

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

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