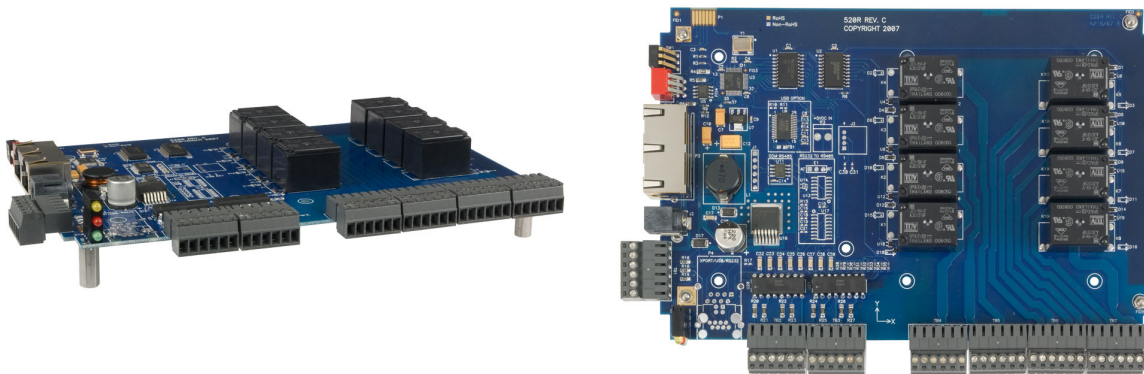


## 8 Optically Isolated Input / 8 High-Current Form C Relay Output Seal/O Expansion Module

[sealevel.com/product/520n-oem-8-optically-isolated-input-8-high-current-form-c-relay-output-seai-o-expansion-module](https://sealevel.com/product/520n-oem-8-optically-isolated-input-8-high-current-form-c-relay-output-seai-o-expansion-module)



**Part:** 520N-OEM **Model:** Seal/O-520N-OEM

\$240.00

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### Description

The Seal/O-520N-OEM adds 8 optically isolated inputs and 8 high-current 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-520N-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

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<b>Family</b>	Seal/O
<b>Contact Current AC</b>	6A max.
<b>Contact Current DC</b>	30 VDC @ 5A max
<b>Contact Operate Time</b>	10ms max.
<b>Contact Release Time</b>	10ms max.
<b>Contact Voltage</b>	250VAC30VDC
<b>Digital I/O</b>	Form C Relay Outputs, Isolated Inputs
<b>Dimensions</b>	7.5 (L) x 5.0 (W) x 0.8 (H)
<b>Extended Temperature</b>	Call for Options
<b>Humidity Range</b>	10 – 90% Relative Humidity, Non-Condensing
<b>Input Isolation</b>	300V
<b>Input Range</b>	5-30 VDC
<b>Host Interface(s)</b>	Expansion
<b>Number of Inputs/Outputs</b>	8 Inputs, 8 Outputs
<b>OEM</b>	Yes
<b>Operating Temperature</b>	0°C to 70°C (32°F to 158°F)
<b># of Ports</b>	8/8
<b>Power Requirement</b>	9-30 VDC @ 3.5W

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**Storage Temperature** -50°C to 105°C (-58°F to 221°F)

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**Switching Capacity** 5 VDC @ 100mA min.

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

8 optically isolated inputs

8 SPDT high-current 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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