



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

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

The Seal/O-520N 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 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 an expansion and strap kit that includes four metal straps, four #4-40 screws, and a 5" RJ45 RS-485 interconnect cable. The metal straps allow you to connect multiple Seal/O modules together in a stack. The interconnect cable can be used to connect Seal/O modules 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 modules to create a distributed network.

Features & Specifications

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

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

Features

- 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
- DIN rail or table mount
- Includes expansion and strap kit (item# KT122)

Specifications

Family	Seal/O
Contact Current AC	6A max.
Contact Current DC	30 VDC @ 5A max
Contact Operate Time	10ms max.
Contact Release Time	10ms max.
Contact Voltage	250VAC30VDC
Digital I/O	Form C Relay Outputs, Isolated Inputs
Dimensions	7.5 (L) x 5.1 (W) x 1.3 (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	8 Inputs 8 Outputs
Operating Temperature	0°C to 70°C (32°F to 158°F)
# of Ports	8/8
Power Requirement	9-30 VDC @ 3.5W
Storage Temperature	-50°C to 105°C (-58°F to 221°F)
Switching Capacity	5 VDC @ 100mA min.