# 32 Reed Relay Output SeaI/O Expansion Module

**Part:** 440N  |  **Model:** SeaI/O-440N

The SeaI/O-440N adds 32 Reed relay outputs to your SeaI/O network. Reed relays offer long life performance and fast response time. Each relay can switch up to 60VDC @ 500mA. Compatible with all SeaI/O base units (Ethernet, USB, RS-485, RS-232), the SeaI/O-440N 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 SeaI/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 SeaI/O modules together in a stack. The interconnect cable can be used to connect SeaI/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 SeaI/O modules to create a distributed network.

# Features & Specifications
## 32 Reed Relay Output Seal/O Expansion Module

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## Features

- Quick connection to Seal/O devices using RJ45 connector or removable screw terminals
- 2 SPST Reed relays
- Removable screw terminals simplify field wiring
- Input power via terminal block or modular connector
- DIN rail mount or table mount Includes expansion and strap kit (item# KT122)

## Specifications

| | |
|---|---|
| **Family** | Seal/O |
| **Contact Bounce Time** | 0.5ms max. |
| **Contact Current** | 500mA max. |
| **Contact Operate Time** | 0.5ms max. |
| **Contact Release Time** | 0.2ms max. |
| **Contact Voltage** | 60VDC max. |
| **Digital I/O** | Reed Relay Outputs |
| **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 |
| **Host Interface(s)** | Expansion |
| **Number of Inputs/ Outputs** | 32 Outputs |
| **Operating Temperature** | 0°C to 70°C (32°F to 158°F) |
| **# of Ports** | 32 |
| **Power Requirement** | 9-30 VDC @ 2.5W |
| **RoHS Compliant** | Yes |
| **Storage Temperature** | -50°C to 105°C (-58°F to 221°F) |