RS-232 Modbus RTU Interface to 32 Reed Relay Outputs

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

The SeaI/O-440S provides 32 SPST Form A dry contact Reed relays. Reed relays offer long-life performance and fast response time. Each relay can switch up to 60VDC @ 500mA. Connection to the host device is made via RS-232. The SeaI/O-440S is powered from your 9-30VDC source, or select from a variety of Sealevel power supply options.

Communicate with the SeaI/O-440S 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 SeaI/O N-series products. SeaI/O modules 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.

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Features & Specifications
RS-232 Modbus RTU Interface to 32 Reed Relay Outputs

Part: 440S | **Model:** eI/O DIO-8

Features

- RS-232 Modbus RTU interface
- 32 SPST Form A Reed relays
- Removable screw terminals simplify field wiring
- Input power via terminal block or modular connector
- DIN rail mount or table mount
- Sealevel SeaMAX software supports Microsoft Windows and Linux operating systems

Specifications

Family	SeaI/O
Contact Bounce Time	0.5ms 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)	RS-232
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 @ 2.7W
RoHS Compliant	Yes
Storage Temperature	-50°C to 105°C (-58°F to 221°F)