Wi-Fi 802.11b/g Modbus TCP to 32 Reed Relay Outputs

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

The SeaI/O-440W 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, and removable 3.5MM screw terminals make wiring easy. Connection to the host device is made via a wireless network connection. The SeaI/O-440W is powered from your 9-30VDC source, or select from a variety of Sealevel power supply options.

Communicate with the SeaI/O-440W over Wi-Fi (802.11b and 802.11g) networks using industry-standard Modbus TCP 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. Security features include WEP and the latest WPA-TKIP and WPA2-AES encryption standards.

The Sealevel Modbus Connect app for iOS allows you to access the registers, coils, and discrete I/O of your Sealevel Modbus devices and is available on the App Store. Use the app to remotely access I/O in the field or for testing and troubleshooting during application development.

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.

Delivering Design & Manufacturing Excellence Since 1986
WORLD CLASS. AMERICAN MADE.

SEALEVEL®

Features & Specifications
Wi-Fi 802.11b/g Modbus TCP to 32 Reed Relay Outputs

Part: 440W | **Model:** Seal/O-440W

Features

- Complies with 802.11g and 802.11b (2.4GHz) networking standards
- Wireless security supports WEP, WPA-TKIP, and WPA2-AES encryption standards
- 2 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	Seal/O
Humidity Range	10 – 90% Relative Humidity, Non-Condensing
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
Frequency Range	2.412 – 2.484 GHz
Contact Bounce Time	0.5ms max.
Number of Inputs/ Outputs	32 Outputs
Host Interface(s)	Wi-Fi (802.11bgn)
Operating Temperature	0°C to 70°C (32°F to 158°F)
Output Power	14dBm +1.5/-1.0 dBm
# of Ports	32
Power Requirement	9-30 VDC @ 4.5W