



USB to 32 Reed Relay Outputs

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

The Seal/O-440U 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 your computer's USB port. The Seal/O-440U is powered from your 9-30VDC source, or select from a variety of Sealevel power supply options.

Communicate with the Seal/O-440U 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 Seal/O N-series products. Seal/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.

The Seal/O-440U integrates Sealevel's SeaLATCH locking USB port, which is fully compatible with standard USB cables. When used with the included USB cable with a SealLATCH USB type B connector, the metal thumbscrew provides a secure connection to the device and prevents accidental cable disconnection.

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.

Features & Specifications

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Features

- 32 SPST Form A Reed relays
- Removable screw terminals simplify field wiring
- Input power via terminal block or modular connector
- Sealevel's SeaLATCH locking USB port provides secure connection with SeaLATCH USB cables via metal thumbscrews
- DIN rail mount or table mount
- Includes 6' USB type A to SeaLATCH USB type B device cable (Item# CA356)
- Sealevel SeaMAX software supports Microsoft Windows and Linux operating systems

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. / 50VAC 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)	USB
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)
USB Specification	1.1 Compliant, 2.0 Compatible