

# Seal/O - USB Data Acquisition Modules

## USB to 32 Reed Relay Outputs

Item # 440U

The Seal/O-440U provides 32 SPST Form A dry contact Reed relays. 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 the Sealevel SeaMAX API software libraries or use any Modbus RTU compliant device. Sealevel's SeaMAX software drivers and utilities make installation and operation easy using Windows 2000, XP and Vista™ 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 a patent-pending SeaLATCH™ USB port, which is fully compatible with standard USB cables. When used with the included USB cable with a SeaLATCH USB type B connector, the metal thumbscrew provides a secure connection to the device and prevents accidental cable disconnection.

### Unique Features

- ▶▶ 32 SPST Form A Reed relays
- ▶▶ Removable screw terminals simplify field wiring
- ▶▶ Input power via terminal block or modular connector
- ▶▶ Patent-pending SeaLATCH USB port provides locking connection with SeaLATCH USB cables via metal thumbscrews
- ▶▶ DIN rail mount or table mount
- ▶▶ Sealevel software supports Windows 2000/XP/Vista operating systems
- ▶▶ Includes 6' USB type A to SeaLATCH USB type B device cable (Item# CA356)



### Technical Specifications

Number of I/O	32 Outputs
Power Requirement	9-30 VDC @ 2.8W
Contact Voltage	60VDC Max
Contact Current	500mA Max
Contact Operate Time	0.5ms Max
Contact Bounce Time	0.5ms Max
Contact Release Time	0.2ms Max
Operating Temperature	0 - +70° C
Storage Temperature	-50° - +105° C
Humidity Range	10 - 90% R.H.
USB Spec.	1.1 Compliant
	2.0 Compatible
Dimensions	7.5 (L) x 5.1 (W) x 1.3 (H)

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