USB to 32 Reed Relay Outputs Digital Interface Adapter

Part: 8224 | **Model:** SeaDAC REL-32

The 8224 provides 32 SPST Form A dry contact Reed relays for PC-based control and automation of equipment via an available USB port. Reed relays provide long-life switch closures well suited to low current devices. Outputs are grouped into four-bit segments that each share a common for easy wiring via removable 3.5mm terminal blocks.

SeaDAC modules are housed in a rugged, attractive plastic enclosure and include a highly-retentive USB Type B connector to prevent accidental disconnection. Standard operating temperature range of SeaDAC modules is 0°C to 70°C and extended temperature range (-40°C to 85°C) is optional.

The SeaMAX software suite supports the SeaDAC family and is designed to work with third-party applications via the SeaMAX API software libraries, or use any Modbus RTU compliant device. Sealevel's SeaMAX software drivers and utilities make installation and operation easy using Microsoft Windows and Linux operating systems.

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
- High-retention USB Type B connector prevents accidental disconnection of USB cable
- Powered by USB connection
- Sealevel SeaMAX software supports Microsoft Windows and Linux operating systems
- Housed in rugged, attractive plastic enclosure
- 72 inch USB A to B cable included

Specifications

Family	SeaDAC
Extended Temperature	Call for Options
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	9.2 (L) x 5.3 (W) x 1.7 (H)
Contact Bounce Time	0.5ms max.
Host Interface(s)	USB
Humidity Range	10 – 90% Relative Humidity, Non-Condensing
Modbus	Modbus RTU
Number of Inputs/ Outputs	32 Outputs
Operating Temperature	0°C to 70°C (32°F to 158°F)
# of Ports	32
Power Requirement	+5V @ 500mA
Storage Temperature	-50°C to 105°C (-58°F to 221°F)
USB Specification	1.1 Compliant, 2.0 Compatible