# USB to 32 Reed Relay Outputs Digital Interface Adapter

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

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## Description

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.

Category: SeaDAC

# Additional information

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|---|---|
| **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 |

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|---|---|
| **Power Requirement** | +5V @ 500mA |
| **Storage Temperature** | -50°C to 105°C (-58°F to 221°F) |
| **USB Specification** | 1.1 Compliant, 2.0 Compatible |

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