

USB Digital I/O - SeaDAC

USB to 32 Reed Relay Outputs Digital Interface Adapter

Item # 8224

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. Installation and operation is easy using Windows 2000/XP and SeaMAX now supports the Windows Vista operating system. Download the updated driver below.

Unique 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 software supports Windows 2000/XP/Vista operating systems
- » Housed in rugged, attractive plastic enclosure
- » 72" USB A to B cable included



Technical Specifications

Number of I/O	32 Outputs
Power Requirement	+5V @ 500mA
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 Specification	1.1 Compliant 2.0 Compatible
Dimensions	9.2 (L) x 5.3 (W) x 1.7 (H)