USB to 4 Reed Relay Outputs Digital Interface Adapter

Part: 8114-KT | **Model:** SeaDAC Lite REL-4 Kit

Control and monitor four dry-contact Reed relay outputs via an internal USB connection with the 8114-KT. The Reed relays provide long-life switch closures well suited to low current devices. Each Reed relay has a discrete common. Status LEDS display I/O activity and field wiring is simplified via 3.5mm removable terminal blocks.

The SeaMAX software suite supports the SeaDAC Lite family and is designed to work with third party applications via the SeaMAX API. Sealevel's SeaMAX software drivers and utilities make installation and operation easy using Windows and Linux operating systems.

The 8114-KT is USB bus powered, so no external power supply is needed. A 2mm 4-pin Molex vertical header provides an internal USB connection to your host system. Standard operating temperature range of SeaDAC modules is 0C to +70C and extended temperature range (-40C to +85C) is optional.

The intelligent Porthole design is perfect for expanding industrial computing platforms using only an internal USB connection. iPorthole modules include an intelligent USB I/O board with Sealevel's innovative Porthole mounting plate for installation in a Relio or custom enclosure. Simply design the 3.2" x 3.1" Porthole mounting footprint into your enclosure to mix and match iPorthole USB I/O modules for maximum configurability. The Porthole footprint offers a standardized method for interfacing real-world I/O connections.

Features & Specifications
USB to 4 Reed Relay Outputs Digital Interface Adapter

Part: 8114-KT | **Model:** SeaDAC Lite REL-4 Kit

Features

- 4 SPST Reed relays
- Field wiring is simplified via removable 3.5mm terminal blocks compatible with 16-30 AWG wire
- Optional removable spring-clamp terminal blocks available
- Status LEDs display I/O activity and USB connection
- Powered by USB connection
- Sealevel software supports Windows 7/Vista/XP/2000 operating systems
- Includes Molex 4-pin vertical 2mm locking header for USB connection (Mating connector Molex# 35507-0400)

Specifications

Family	Microsoft
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.
Digital I/O	Reed Relay Outputs
Dimensions	3.2 (L) x 3.1 (W) x 0.8 (H)
Extended Temperature	Call for Options
Humidity Range	10 – 90% Relative Humidity, Non-Condensing
Host Interface(s)	USB
Number of Inputs/ Outputs	4 Outputs
Operating Temperature	0°C to 70°C (32°F to 158°F)
Output Power	DC 30W, AC 10VA max.
Output Type	SPST Form A Reed relays
# of Ports	4
Power Requirement	+5V @ 500mA
Storage Temperature	-50°C to 105°C (-58°F to 221°F)
USB Specification	1.1 Compliant, 2.0 Compatible