



USB to 8 Inputs / 8 Form C High-Current Relay Outputs Digital Interface Adapter

Part: 8232 | **Model:** SeaDAC PLC-16H

Control and monitor 8 optically isolated inputs and 8 (SPDT) high-current Form C relay outputs via any USB connection with the 8232. Inputs can range from 5-30VDC and optical isolation protects the computer and other sensitive equipment from voltage transients and ground loops that are common in industrial environments. The high-current Form C relays can switch up to 6A loads at 250VAC and up to 5A at 30VDC. Form C relays can be wired for either normally open or normally closed operation.

SeaDAC modules are housed in a rugged, attractive plastic enclosure and include a highly-retentive USB Type B connector to prevent accidental disconnection. The 8232 is USB bus powered, so no external power supply is needed. 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

- 8 optically isolated inputs
- 8 SPDT high-current Form C 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 (Item# CA179)

Specifications

Family	SeaDAC
Contact Current AC	6A max.
Contact Current DC	5A max.
Contact Operate Time	10ms max.
Contact Release Time	5ms max.
Contact Voltage	250VAC30VDC
Digital I/O	Form C Relay Outputs, Isolated Inputs
Dimensions	9.2 (L) x 5.3 (W) x 1.7 (H)
Extended Temperature	Call for Options
Humidity Range	10 – 90% Relative Humidity, Non-Condensing
Input Isolation	300V
Input Range	5-30 VDC
Host Interface(s)	USB
Modbus	Modbus RTU
Number of Inputs/Outputs	8 Inputs 8 Outputs
Operating Temperature	0°C to 70°C (32°F to 158°F)
# of Ports	8/8
Power Requirement	+5V @ 500mA
Storage Temperature	-50°C to 105°C (-58°F to 221°F)
Switching Capacity	5 VDC @ 10mA min.
USB Specification	1.1 Compliant, 2.0 Compatible