RS-232 Modbus RTU to 16 Isolated Inputs / 16 Reed Relay Outputs
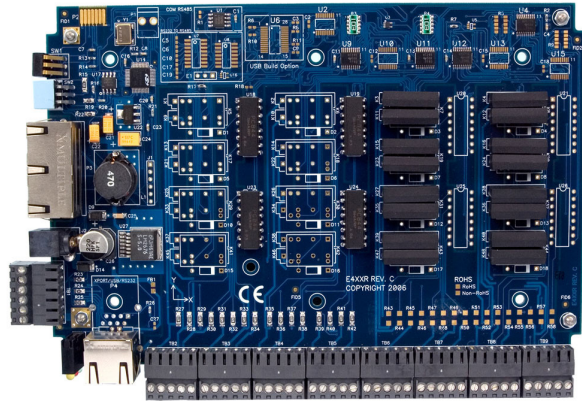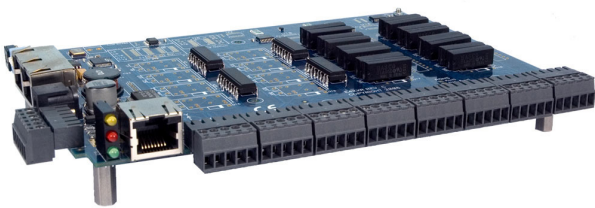
RJ45 RS-232 (DCE) Serial Connector
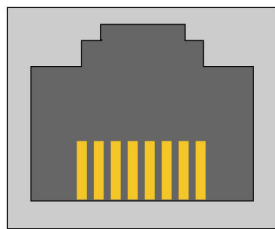
8   **1**

Pin Out

Pin #	Signal
1	TD
2	RD
3	CTS
4	5VDC Output
5	N/C
6	RTS
7	N/C
8	GND

16 Opto-Isolated Inputs/ 16 Reed Relay Outputs

Optically Isolated Inputs

Terminal

x4

5-24 VDC
Non-Pola

Reed Relay Outputs
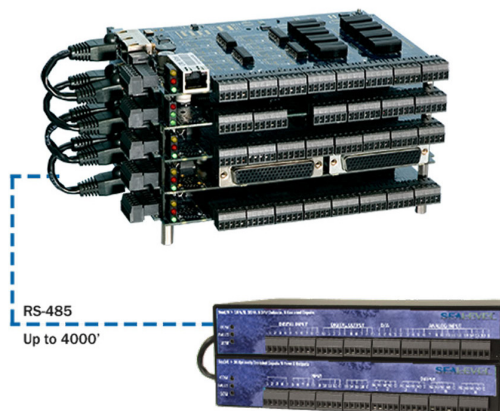

Terminal

x4

~~MAX~~
60 VDC
42 VAC
10 VA
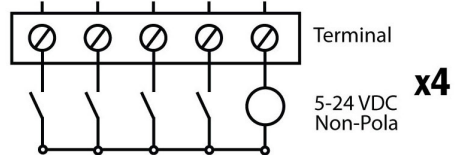
Part: 410S-OEM   **Model:** Seal/O-410S-OEM

$217.00

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Seal/O OEM Stack with Remote Seal/O

Description

The Seal/O-410S-OEM is a RS-232 Modbus RTU interface to 16 optically isolated inputs and 16 Reed relay outputs. Inputs can range from 5-30VDC, while the Reed relays provide long-life switch closures well suited to low current devices. Inputs and outputs are grouped into four-bit segments that each share a common for easy wiring via removable 3.5mm terminal blocks. The Seal/O-410S-OEM is powered from your 9-30VDC source, or select from a variety of Sealevel power supply options.

Communicate with the Seal/O-410S-OEM using industry-standard Modbus RTU protocol or use the Sealevel SeaMAX API software libraries from your application program. Sealevel's SeaMAX software drivers and utilities make installation and operation easy using Microsoft Windows and Linux operating systems.

Expand your I/O network with Seal/O N-series products. Seal/O OEM boards are available with Reed and Form C relays, optically isolated inputs, TTL interfaces, A/D and D/A functionality. Up to 246 additional expansion modules can be added using convenient pass-through connectors.

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: RS-232

Additional information

Family	Seal/O
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	Isolated Inputs, Reed Relay Outputs
Dimensions	7.5 (L) x 5.0 (W) x 0.8 (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)	RS-232
Number of Inputs/Outputs	16 Inputs / 16 Outputs
OEM	Yes
Operating Temperature	0°C to 70°C (32°F to 158°F)
# of Ports	16/16
Power Requirement	9-30 VDC @ 1.6W
RoHS Compliant	Yes
Storage Temperature	-50°C to 105°C (-58°F to 221°F)

RS-232 Modbus RTU interface
16 SPST Form A Reed relays
16 optically isolated inputs

Removable screw terminals simplify field wiring
Input power via terminal block or modular connector
Includes four 3/4 metal standoffs with nuts
Sealevel SeaMAX software supports Microsoft Windows and Linux operating systems