SeaI/O - RS-232 Data Acquisition Modules

RS-232 Modbus RTU Interface to 16 Isolated Inputs / 8 Form C Relay Outputs

Item # 420S

Control and monitor 16 optically isolated inputs and 8 Form C (SPDT) relay outputs with the SeaI/O-420S. 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 SeaI/O-420S is powered from your 9-30VDC source, or select from a variety of Sealevel power supply options.

Communicate with the SeaI/O-420S using the Sealevel SeaMAX API software libraries or use any Modbus RTU compliant device. Sealevel's SeaMAX software drivers and utilities make installation and operation easy using Windows 2000, XP and Vista™ operating systems.

Expand your I/O network with SeaI/O N series products. SeaI/O modules 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.

Unique Features

- ▸▸ RS-232 Modbus RTU interface
- ▸▸ 16 optically isolated inputs
- ▸▸ 8 SPDT Form C relays
- ▸▸ Removable screw terminals simplify field wiring
- ▸▸ Input power via terminal block or modular connector
- ▸▸ DIN rail or table mount
- ▸▸ Sealevel software supports Windows 2000/XP/Vista operating systems

Technical Specifications

Number of I/O	16 Inputs / 8 Outputs
Power Requirement	9-30 VDC @ 2.2W
Input Isolation	300V
Input Range	5-30 VDC
Contact Voltage	60VDC Max
Contact Current	2A Max
Contact Operate Time	2ms Max
Contact Bounce Time	7ms Max
Contact Release Time	1ms Max
Operating Temperature	0 - +70° C
Storage Temperature	-50° - +105° C
Humidity Range	10 - 90% R.H.
Dimensions	7.5 (L) x 5.1 (W) x 1.3 (H)