

# Seal/O - RS-485 Data Acquisition Modules

## RS-485 Modbus RTU Interface to 16 Form C Relay Outputs

Item # 450M

The Seal/O-450M provides 16 SPDT Form C relays. Each relay output is rated for switching up to 60VDC @ 2A. Connection to the host device is made via an RS-485 connection. The Seal/O-450M is powered from your 9-30VDC source, or select from a variety of Sealevel power supply options.

Communicate with the Seal/O-450M 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 Seal/O N series products. Seal/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-485 Modbus RTU interface
- ▶▶ 16 SPDT Form C relays
- ▶▶ Removable screw terminals simplify field wiring
- ▶▶ Input power via terminal block or modular connector
- ▶▶ DIN rail mount or table mount
- ▶▶ Sealevel software supports Windows 2000/XP/Vista operating systems



### Technical Specifications

Number of I/O	16 Outputs
Power Requirement	9-30 VDC @ 3.8W
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)

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