



The Seal/O-440M provides 32 SPST Form A dry contact Reed relays. Reed relays offer long-life performance and fast response time. Each relay can switch up to 60VDC @ 500mA. Connection to the host device is made via RS-485. The Seal/O-440M is powered from your 9-30VDC source, or select from a variety of Sealevel power supply options.

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.

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

RS-485 Modbus RTU Interface to 32 Reed Relay Outputs

Part: 440M | Model: Seal/O-440M

Features

- RS-485 Modbus RTU interface
- 32 SPST Form A Reed relays
- Removable screw terminals simplify field wiring
- Input power via terminal block or modular connector
- DIN rail mount or table mount
- Sealevel SeaMAX software supports Microsoft Windows and Linux operating systems

Specifications

| | |
|--------------------------|--|
| Family | Seal/O |
| Contact Bounce Time | 0.5ms max. |
| Contact Operate Time | 0.5ms max. |
| Contact Release Time | 0.2ms max. |
| Contact Voltage | 60VDC max. |
| Digital I/O | Reed Relay Outputs |
| Dimensions | 7.5 (L) x 5.1 (W) x 1.3 (H) |
| Extended Temperature | Call for Options |
| Humidity Range | 10 – 90% Relative Humidity, Non-Condensing |
| Host Interface(s) | RS-485 |
| Number of Inputs/Outputs | 32 Outputs |
| Input Impedance | 6.2 K Ohms (in series) |
| Host Interface(s) | Ethernet |
| Operating Temperature | 0°C to 70°C (32°F to 158°F) |
| # of Ports | 32 |
| Power Requirement | 9-30 VDC @ 2.5W |
| RoHS Compliant | Yes |
| Storage Temperature | -50°C to 105°C (-58°F to 221°F) |