SeaI/O - Ethernet Data Acquisition Modules

Ethernet Modbus TCP to 32 Reed Relay Outputs

Item # 440E

The SeaI/O-440E 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, and removable 3.5MM screw terminals make wiring easy. Connection to the host device is made via Ethernet 10/100BaseT. The SeaI/O-440E is powered from your 9-30VDC source, or select from a variety of Sealevel power supply options.

Communicate with the SeaI/O-440E using industry standard Modbus TCP 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 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

‣ 10/100BaseT Ethernet Modbus TCP 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 software supports Windows 2000/XP/Vista operating systems

Technical Specifications

Number of I/O	32 Outputs
Power Requirement	9-30 VDC @ 4.0W
Contact Voltage	60VDC Max
Contact Current	500mA Max
Contact Operate Time	0.5ms Max
Contact Bounce Time	0.5ms Max
Contact Release Time	0.2ms 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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