



ISA 8 Reed Relay Output / 8 Isolated Input Digital Interface (10-30V)

Part: 3096H | **Model:** DIO-16

Optimized for sensing 24V, the 3096H ISA digital I/O interface card provides 8 optically isolated inputs and 8 Reed relay outputs. The inputs protect the PC and other sensitive equipment from spikes and ground loop current that can be generated in industrial environments, while the outputs provide high quality, long life, low current (10 Watt maximum), dry contact switch closures. Reed relays are well suited for low current applications. The relays are normally open, and close when energized.

The inputs on the 3096H are rated for 10-30V. For 3-13V inputs, order the 3096.

Sealevel's SealO Classic software drivers and utilities make installation and operation easy using Microsoft Windows operating systems.

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.

Note: This item has a minimum order quantity (MOQ) of 25 units. Please contact your sales representative with any questions.

Features & Specifications

ISA 8 Reed Relay Output / 8 Isolated Input Digital Interface (10-30V)

Part: 3096H | **Model:** DIO-16

Features

- Eight Reed relay outputs (SPST)
- Eight optically isolated inputs optimized for +24V
- Highly reliable 10VA DIP Reed relays
- Power (+5V and +12V) and ground provided on connector
- Supports interrupts 2/9 – 7
- Selectable port addressing (100H – 3FFH)
- Seal/O Classic software supports Windows 98, ME, NT, 2000, XP and Vista operating systems
- Software support for DOS, Linux, Windows 3.1 and Windows 95 available

Specifications

| | |
|---------------------------------|--|
| Board Connector | DB-37M |
| Contact Current | 500 mA |
| Contact Voltage | 100 VDC/VAC |
| Digital I/O | Isolated Inputs, Reed Relay Outputs |
| Extended Temperature | Call for Options |
| Humidity Range | 10 – 90% Relative Humidity, Non-Condensing |
| Input Isolation | 400V (Optical) |
| Input Range | 10-30 VDC |
| Host Interface(s) | ISA |
| Number of Inputs/Outputs | 8 Inputs 8 Outputs |
| Operating Temperature | 0°C to 70°C (32°F to 158°F) |
| # of Ports | 8/8 |
| Power Requirement | +5V @ 270mA |
| Storage Temperature | -50°C to 105°C (-58°F to 221°F) |