



ISA 8 Reed Relay Output / 8 Isolated Input Digital Interface

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

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

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

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Features

- Eight Reed relay outputs (SPST)
- Eight optically isolated inputs
- 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	3-13 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)