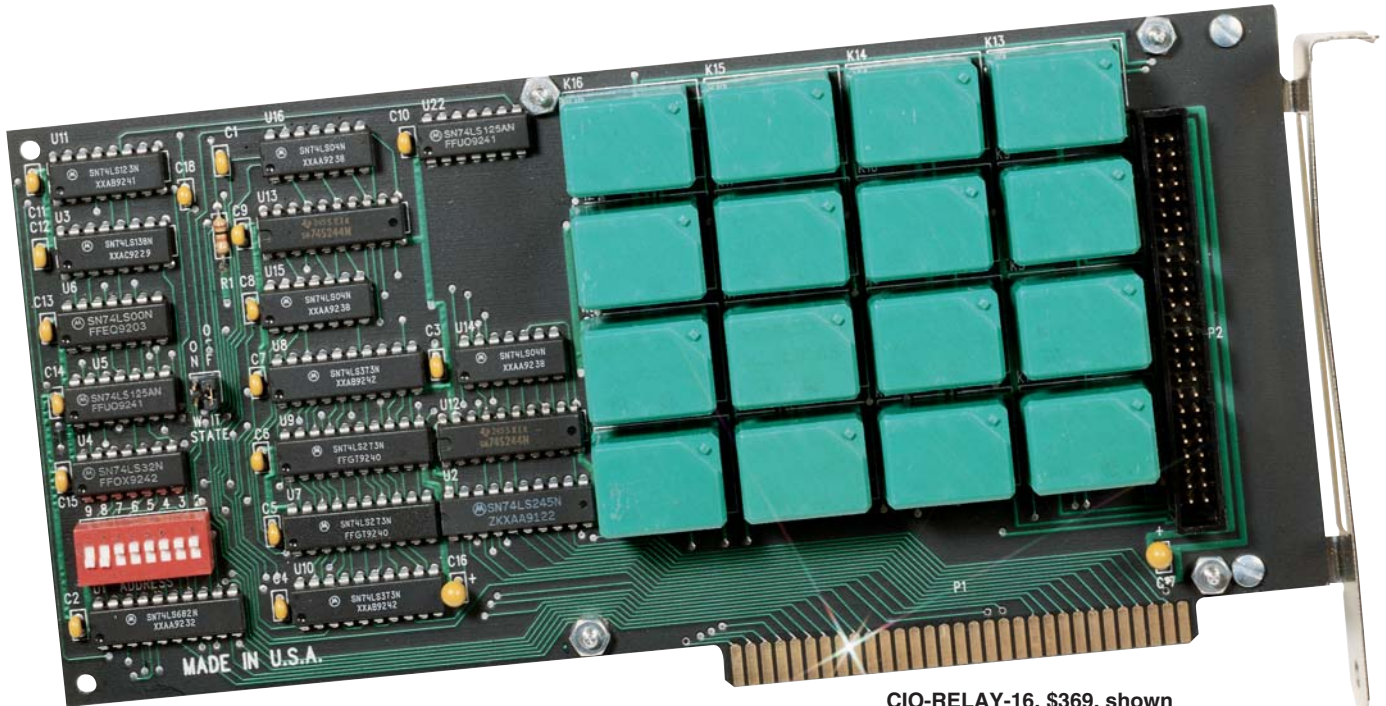


16 Channel Relay Board

For IBM PC and Compatibles



CIO-RELAY-16, \$369, shown smaller than actual size

CIO-RELAY16
\$369

- ✓ 16 Form C Electro-Mechanical Relays
- ✓ Contacts Rated 6 A at 120 Vac or 28 Vdc Resistive

The CIO-RELAY16 allows a user to control 16 high voltage electronic devices from one slot in a PC. All 16 relays are full form C with three contacts per relay. Programming the board is simple, and requires no special software drivers. The board may be controlled from any language which supports writing to the computers' I/O bus.

The 16 relays are addressed as two 8-bit ports. The contacts are rated 6 A at 120 Vac or 28 Vdc resistive. The CIO-RELAY16 also includes a protective cover (not shown).

A 50-pin header connector provides access to all contacts. It uses standard 0.10" spacing designed to mate with insulation displacement connectors and ribbon cables.

Outputs

Sixteen form C relays provide output control for up to 28 Vdc or 120 Vac (50 to 1000 Hz). Form C relays (SPDT) have 3 contacts (Normally Open, Common, Normally Closed). The center contact (common) may make contact with either of the other two.

Base Address

The base address of the board is controlled by an 8 position DIP switch which provides access to all of the PC's I/O address space. In general the base address is set to 300 Hex. The CIO-RELAY16 occupies 2 I/O addresses.

Specifications

- Relays:**
 16 form C SPDT
- Contact Rating:**
 6 A @ 120 Vac
 or 28 Vdc resistive load
- Contact Resistance:**
 100 mΩ max.
- Operating Time:** 20 msec
- Release Time:** 10 msec
- Life:** 10 million mechanical operations, min; 100,000 electrical operations at full load
- Power Supply:** +5 V, 2.0 A max

ALL MODELS AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)		
Model No.	Price	Description
CIO-RELAY16	\$369	16 channel electro-mechanical relay board
CIO-MINI50	69	Screw terminal board, requires C50FF-2 cable
C50FF-2	25	Connection cable, .6 m (2')
UNIV-DRVR	49	Universal Driver Library for DOS and Windows
CIO-LABVIEW-DRVR	49	LabVIEW Driver

Ordering Example: CIO-RELAY16 electro-mechanical relay board with CIO-MINI50 terminal panel, C50FF-2 cable and OMEGACARE™ 1 year extended warranty (adds 1 year to standard 3 year warranty), \$369 + 69 + 25 + 25 = \$488.

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters