16 Channel Relay Board
For IBM PC and Compatibles

NEW™

3 YEAR WARRANTY

MADE IN USA

D/O

IBM PC
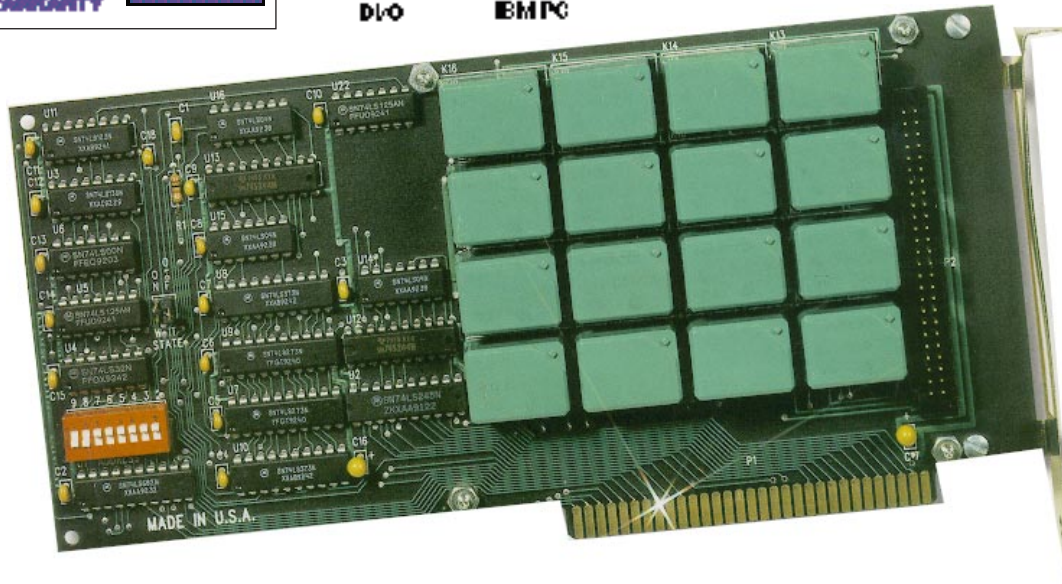
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CIO-RELAY16
$159

- ✔ **16 Form C Electro-Mechanical Relays**
- ✔ **Contacts Rated 6 A at 120 Vac or 28 Vdc Resistive**
- ✔ **Labview Support**

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 PCs I/O address space. In general the base address is set to 300 Hex. The CIO-RELAY16 occupies 2 I/O addresses.

SOFTWARE
Optional software drivers, called UNIV-DRVR, are available for programming in both DOS, Windows 3.1 & Windows 95. DOS support includes QuickBasic 4.5, Visual Basic, Turbo C, Visual C++, Microsoft C and Quick C. Windows support includes Microsoft C, Visual C++, Visual Basic, Borland C, and C++. Labview drivers are also available. (requires UNIV-DRVR)

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

To Order *(Specify Model Number)*

Model No.	Price	Description
CIO-RELAY16	**$159**	16 channel electro-mechanical relay board
CIO-MINI50	49	Screw terminal board, requires C50FF-2 cable
C50FF-2	25	Connection cable, 2 ft
UNIV-DRVR	49	Universal Driver Software for DOS/Windows
CIO-Labview-Drvr	49	Labview Drivers (requires UNIV-DRVR)

Ordering Example: CIO-RELAY16 electro-mechanical relay board with CIO-MINI50 terminal panel and C50FF-2 cable, $159 + 49 + 25 = **$233**.