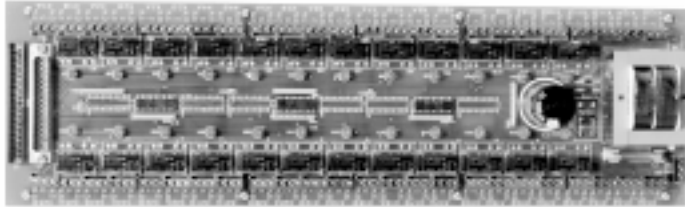


# Model RBAC-24

## Electromechanical Relay Card



### FEATURES

- **24 SPDT Form C Relays (DPDT Optional)**
- **3A Carry-Current**
- **Compatible with PCDIO Series**
- **LED to Indicate Relay Activated**

### DESCRIPTION

The RB-24 Series are 24-channel relay output cards that can be controlled by digital inputs from the PCDIO Series of digital I/O cards. Each relay provides normally-closed and normally-open contacts (SPDT). If dual Form C contacts are desired, you may specify the RB-24/DP. The relay contacts are rated for up to a 3 ampere resistive load at voltages up to 125VDC or VACrms. 24 LED's,

one associated with each relay, illuminate when their associated relay is actuated.

The relays are energized by a 5 volt logic signal applied to appropriate pins of either the 50-pin or the 37-pin I/O connector. On-board drivers allow the card to be driven by any digital output card that uses an 8255 with buffered outputs with either a 37- or 50-pin connector.

### SPECIFICATIONS

#### Relays

RB-24: 24 SPDT, Form C

RB-24/DP: 24 DPDT, Form C

#### Switching Current

2A, AC or DC max

#### Carry Current

3A, AC or DC

#### Switched Voltage

125VDC or ACrms max

#### Switched Power

30VA max

#### Actuate Time

8ms

#### Release Time

8ms

#### Contact Life

10M operation

### GENERAL

#### Power Required

RB-24 & /DP: +5VDC @ 3A (all relays ON)

RBAC-24 & /DP: 120VAC @ 260mA (all relays ON)

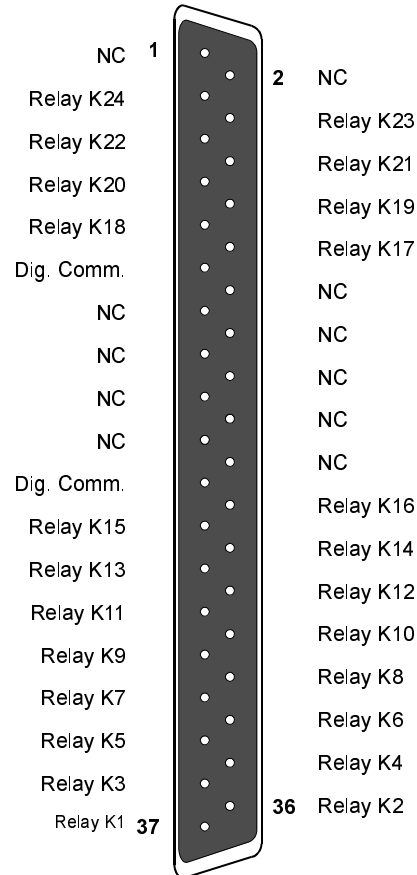
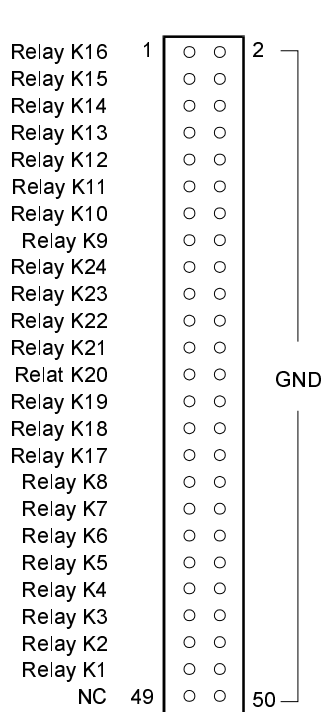
#### Size

16 x 4.75 x 2in (406 x 121 x 51mm)

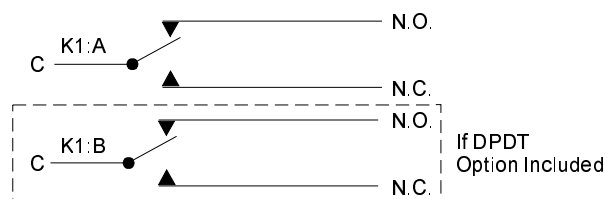


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## INPUT PIN CONNECTORS



### Typical Screw Terminal Connection



## ORDERING GUIDE

### Model RB-24

SPDT relay card, 5VDC powered, manual

### Model RB-24/DP

DPDT relay card, 5VDC powered, manual

### Model RBAC-24

SPDT relay card, 120VAC powered, manual

### Model RBAC-24/DP

DPDT relay card, 120VAC powered, manual

### Model CAB50A-6

Cable, RB-24 to PCDIO series card

### Model CABMLX

Power cable for 5VDC version (connect to extra drive power plug).



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