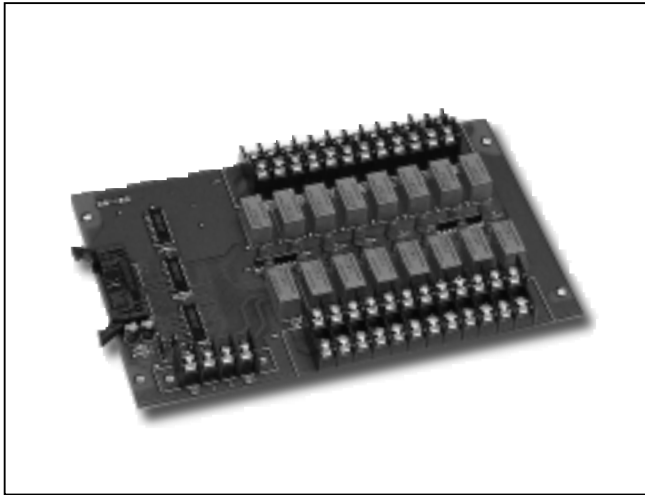




# DB-16R

## 16-Channel Relay Output Board



### Functional Description

The DB-16R 16 channel Relay Output Board consists of 16 form c relays for efficient switch of load by programmed control. The DB-16R can be used by A-82x board or any other compatible board. The relay are energized by apply 5 volt signal to the appropriate relay channel on the 20-pin flat cable connector. Sixteen enunciator LEDs, one for each relay, light when their associated relay is activated. To avoid overloading your PC's power supply, this board provides a screw terminal for power supply .

### Features

- Form C relays
- Accept 20-pin connector to control 16 form c relays, for use with A-82X, DIO-64, PCI-180X, PCI-1202, PCI-1002, A-626/628, digital output port or any compatible digital output port
- Each LED lights when corresponding relay is activated
- Screw terminals for field wiring

### Applications

- On/off control
- Energy management
- Test Automation
- Process control

### Specifications

- Form C Relay
  - Type: SPDT (form C)
  - Nominal load: 0.5 A/120 VAC, 1A/24 VDC
  - Max. Switching power: 60VA, 24W
  - Max. Switching Voltage: 120VAC, 60VDC
  - Max. Switching Current: 1A
  - Life Expectancy: Mechanical ( $2 \times 10^7$ ), Electrical ( $2 \times 10^5$ )
  - Release Time Value: Operate (6 ms)
  - Control Logic: Input TTL high (+5V), relay on
- Power Consumption: +12V @528mA max.  
+5V @150mA max.
- Dimensions: 205mm x 114mm
- Operating Temperature: 0 -50°C
- Storage Temperature: -20~70°C
- Humidity: 5% to 90%

### Order Description

- DB-16R: 16 channel relay Board with 20-Pin flat cable

Daughter Board

### From C Relay

