

# DIN-96DI

## 96-CH Isolated DI Termination Board with DIN-Rail Mounting

### Features

- 96-CH isolated digital inputs
- For use with PCI-7396
- Isolated input voltage up to 24 V
- 2500 VRMS optical isolation
- Screw terminals for easy field wiring



### Specifications

- Isolated Digital Input
  - Number of channels: 96
  - Maximum input range: 24 V
  - Digital logic levels
    - 0-24 V, non-polarity
      - ❖ Input high voltage: 10-24 V
      - ❖ Input low voltage: 0-2 V
- Input Resistance: 4.7 kΩ @ 0.5W
- Isolation voltage: 2500 VRMS
- I/O connector: 100-pin SCSI-II female

- Operating temperature: 0 to 60 °C
- Storage temperature: -20 to 80 °C
- Relative humidity: 5 to 95%, noncondensing
- Power consumption

+5V
48 mA maximum

- Dimensions: 226 mm x 121 mm x 48 mm (WxLxH)

### Ordering Information

- **DIN-96DI**  
96-CH Isolated DI Termination Board with DIN-Rail Mounting (Including One 1-meter ACL-102100 Cable)

# DIN-96DO

## 96-CH Isolated DO Termination Board with DIN-Rail Mounting

### Features

- 96-CH isolated digital outputs
- For use with PCI-7396
- Sink current up to 500 mA on each isolated output
- 2500 VRMS optical isolation
- Screw terminals for easy field wiring



### Specifications

- Number of channels: 96
- Output type: open collector Darlington transistor
- Sink current
  - Max. 500 mA for only one Darlington pair
  - 500 mA for all Darlington pair @ 20% duty
- Power dissipation: Max. 2.25 W per chip (8 DO channels)
- Supply voltage: 5-35 Vdc
- Isolation voltage: 2500 VRMS

- Connector: 100-pin SCSI-II female
- Operating temperature: 0 to 60 °C
- Storage temperature: -20 to 80 °C
- Relative humidity: 5 to 95%, noncondensing
- Power consumption

+5V
102 mA maximum

- Dimensions: 226 mm x 121 mm x 48 mm (WxLxH)

### Ordering Information

- **DIN-96DO**  
96-CH Isolated DO Termination Board with DIN-Rail Mounting (Including One 1-meter ACL-102100 Cable)