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

### Features

**Specifications** Isolated Digital Input

Digital logic levels

• 0-24 V, non-polarity

• Number of channels: 96

Maximum input range: 24 V

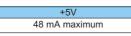
\* Input high voltage: 10-24 V

I/O connector: 100-pin SCSI-II female

\* Input low voltage: 0-2 V Input Resistance: 4.7 kΩ @ 0.5W Isolation voltage: 2500 VRMs

- 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

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



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

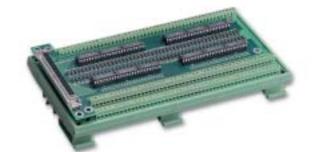
### **Ordering Information**

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
Dim

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)