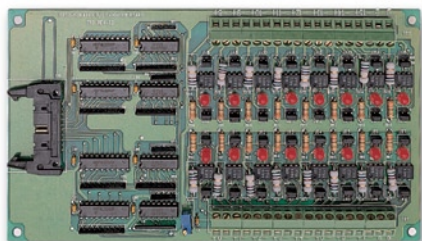


ACLD-9182A-01

Terminal Board with 16-CH Isolated Digital Inputs



Specifications

- Isolated Digital Input
 - Number of Channels: 16
 - Maximum Input Range: 24 V, non-polarity
 - Digital Logic Levels
 - ◆ 0 to 24 V, non-polarity
 - * Input High Voltage: 5 to 24 V
 - * Input Low Voltage: 0 to 0.7 V
 - ◆ Input Resistance: 560 Ω @ 1 W
 - ◆ Isolation Voltage: 2500 V_{RMS}
- I/O Connector: 20-pin ribbon male
- Operating Temperature: 0°C to +60°C
- Storage Temperature: -20°C to +80°C
- Relative Humidity: 5% to 95%, non-condensing
- Dimensions: 205 mm x 114 mm

Features

- 16-CH opto-isolated digital inputs
- For use with 20-pin ribbon digital input connector of NuDAQ cards
- Non-polarity digital input range
- Isolated input voltage up to 24 V
- 5000 V_{RMS} optical isolation
- Jumper configurable for voltage input or dry-contact input mode
- LED indicator for input status
- Screw terminals for easy field wiring

Ordering Information

■ ACLD-9182A-01

Terminal board with 16-CH isolated digital inputs

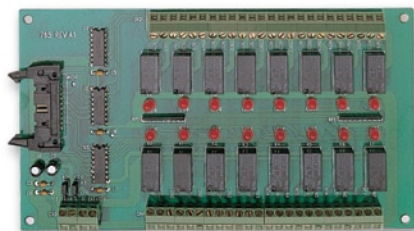
■ Accessories

- Cabling
 - ACL-10120-1: 20-pin flat cable, 1 M
 - ACL-10220-1: 20-pin shielded and grounded cable, 1 M

Contact your sales representative for cable length options.

ACLD-9185-01

Terminal Board with 16-CH Relay Outputs



Specifications

- Relay Output
 - Number of Channels: 16
 - Relay Type: SPDT (Form C)
 - Isolation Voltage: 1500 V_{RMS}
 - Contact Rating
 - ◆ AC: 120 V @ 0.5 A
 - ◆ DC: 24 V @ 1 A
 - Breakdown Voltage: 1000 V_{RMS}
 - Contact Resistance: 100 m Ω
 - Relay ON/OFF time
 - ◆ Operate Time: 6 ms
 - ◆ Release Time: 3 ms
 - LED Indicators for Relay Status: one per channel
 - Expected Life:
 - ◆ > 5 x 10⁵ operations @ 1 A, 24 V_{DC}
 - ◆ > 2 x 10⁵ operations @ 0.5 A, 120 V_{AC}

Features

- 16-CH single-pole, double-throw (SPDT form C) relay outputs
- For use with 20-pin digital input connector of NuDAQ cards
- Maximum switching voltage up to 60 V_{DC}/120 V_{AC}
- Maximum switching current up to 1 A_{DC}/AC
- Onboard relay driver circuitry
- LED indicators for relay status
- Screw terminals for easy field wiring

Ordering Information

■ DIN-96DO-01

96-CH isolated DO terminal board with DIN-rail mounting

■ Accessory

- Cabling
 - ACL-102100-1: 100-p in SCSI-II cable, 1 M

Contact your sales representative for cable length options.

+5 V	+12 V
200 mA maximum	528 mA maximum

- Dimensions: 205 mm x 114 mm

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