

# TB-16P8R

## Termination Board with 16-CH Isolated DI & 8-CH Relay Outputs

### Features

- 16-CH isolated digital inputs
- Non-polarity digital input range
- Isolated input voltage up to 24 V
- 5000 VRMS optical isolation
- Jumper selectable for voltage input or dry-contact input mode
- 8-CH single-pole double-throw (SPDT form C) relays
- Maximum switching voltage 220 V<sub>DC</sub>/250 V<sub>AC</sub>
- Maximum switching current up to 2 A<sub>DC</sub>/A<sub>C</sub>
- On-board relay driver circuitry
- LED indicators for both input and relay status
- Screw terminals for easy field wiring



### Specifications

- Number of isolated DI channels: 16
- Number of relay output channels: 8
- LED Indicators for input and output status: one per channel
- Electronics characteristics of isolated DI: refer to the TB-24P's specifications
- Electronics characteristics of relay outputs: refer to the TB-24R's specifications

- I/O Connector: 50-pin ribbon male
- Operating temperature: 0 to 60 °C
- Storage temperature: -20 to 80 °C
- Relative humidity: 5 to 95%, noncondensing
- Power requirements

+5V	+12V
40 mA maximum	100 mA maximum

- Dimensions: 220 mm x 132 mm x 22 mm(WxLxH)

### Ordering Information

- **TB-16P8R/12**  
Termination Board with 16-CH Isolated DI & 8-CH Relay Outputs (Including One 1.5-meter ACL-10150 Cable)
- **TB-16P8R/24**  
Termination Board with 16-CH Isolated DI & 8-CH Relay Outputs (Including One 1.5-meter ACL-10150 Cable)

# TB-24

## General Purpose Termination Board for DB-37 and Opto-22 Connectors

### Features

- Easy connection to boards with 50-pin mating connector or 37-pin D-sub connector
- Breadboard area for custom circuit
- Two 37-pin male D-sub connectors
- Two 50-pin male mating connectors
- Screw terminals for easy field wiring
- Breadboard area: 125 mm x 73 mm
- Dimensions: 220 mm x 132 mm x 13 mm (WxLxH)

### Ordering Information

- **TB-24**  
General-Purpose Termination Board with Two 37-pin D-sub Connectors and Two 50-pin Ribbon Connectors (Including One 1.5-meter ACL-10150 Cable)



# DIN-24G

## Termination Board for 24-CH Grayhill I/O Modules

### Features

- Supports standard or miniature G5 size modules
- Termination board for installing Grayhill I/O modules
- Up to 24 modules
- Port configurable as input or output on 8-CH basis
- Dimensions: 371 mm x 126 mm x 49 mm (WxLxH)

### Ordering Information

- **DIN-24G**  
Termination Board with 24-CH Grayhill I/O Modules and DIN-Rail Mounting

