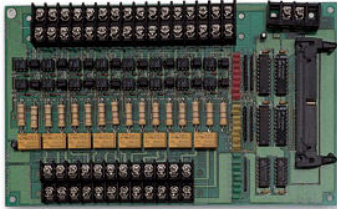


# TB-16P8R-01

## Terminal 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 V<sub>RMS</sub> optical isolation
- Jumper configurable 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/AC</sub>
- Onboard 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-01's specifications
- Electronics Characteristics of Relay Outputs: refer to the TB-24R-01's specifications
- I/O Connector: 50-pin ribbon male
- Operating Temperature: 0°C to +60°C
- Storage Temperature: -20°C to +80°C
- Relative Humidity: 5% to 95%, non-condensing
- Power Requirements:

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

- Dimensions: 220 mm x 132 mm x 22 mm (W x L x H)

### Ordering Information

#### ■ TB-16P8R/12-01

Terminal board with 16-CH isolated DI & 8-CH relay outputs

#### ■ TB-16P8R/24-01

Terminal board with 16-CH isolated DI & 8-CH relay outputs

#### ■ Accessory

- Mating Cable  
ACL-10150: 50-pin flat cable

Contact your sales representative for cable length options.