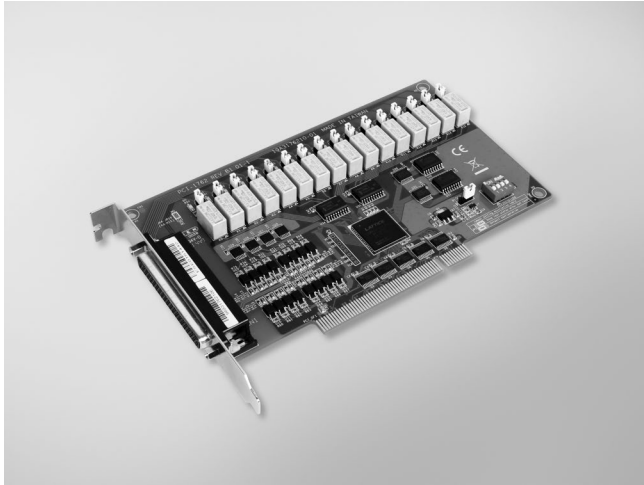


# PCI-1762

## 16-ch Relay and 16-ch Isolated Digital Input PCI Card



### Features

- 16 opto-isolated digital input channels
- 16 relay actuator output channels
- LED indicators to show activated relays
- Jumper selectable dry contact/wet contact input signals
- BoardID switch

### Introduction

The PCI-1762 provides 16 opto-isolated digital inputs with isolation protection of 2,500 V<sub>DC</sub> for collecting digital inputs in noisy environments, 16 relay actuators that can be used as a on/off control devices or small power switches.

For easy monitoring, each relay is equipped with one red LED to show its on/off status. Each isolated input supports both dry contact and wet contact so that it can easily interface with other devices when no voltage is present in the external circuit.

### Specifications

#### Isolated Digital Input

- **Channels** 16
- **Input Voltage** Logic 0: 3.0 V max.  
Logic 1: 10 V min. (50 V max.)
- **Interrupt Capable Ch.** 2 (ID10, ID18)
- **Isolation Protection** 2,500 V<sub>DC</sub>
- **Opto-Isolator Response** 100 μs
- **Input Resistance** 5.7 k Ohm 1 W

#### Relay Output

- **Channels** 16
- **Relay Type** Form A or Form B (Jumper selectable)
- **Contact Rating** 0.5 A @ 250 V<sub>AC</sub>, 0.5 A @ 30 V<sub>DC</sub>
- **Max. Switching Power** 125 VA, 15 W
- **Max. Switching Voltage** 250 V<sub>AC</sub>, 220 V<sub>DC</sub>
- **Operate Time** Typical: 3 ms, Max.: 5 ms
- **Release Time** Typical: 2 ms, Max.: 4 ms
- **Resistance** Contact: 50 m Ohm max.
- **Life Expectancy** 2 x 10<sup>8</sup> cycles min. @ 0.5A/ 250V<sub>AC</sub>

#### General

- **I/O Connectors** 1 x DB62 female connector
- **Dimensions (L x H)** 175 x 100 mm (6.9" x 3.9")
- **Power Consumption** Typical: 5 V @ 250 mA  
Max.: 5 V @ 620 mA
- **Operating Temperature** 0 ~ 60°C (32 ~ 140°F)
- **Storage Temperature** -20 ~ 70°C (-4 ~ 158°F)
- **Storage Humidity** 5 ~ 95 % RH, non-condensing

### Ordering Information

- **PCI-1762** 16-ch Relay and 16-ch Isolated Digital Input PCI Card

#### Accessories

- **PCL-10162-1E** DB62 Cable, 1 m
- **PCL-10162-3E** DB62 Cable, 3 m
- **ADAM-3962** DB62 DIN-rail Wiring Board