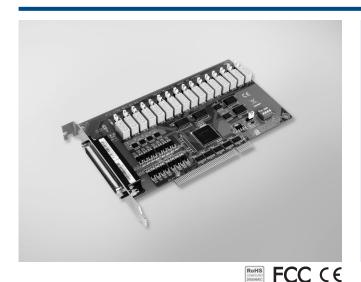
# **PCI-1762**

## 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

Ihr Ansprechpartner:

AMC - Analytik & Messtechnik GmbH Chemnitz

Heinrich-Lorenz-Str. 55 0<u>9120 Chemnitz</u> E-Mail: info@amc-systeme.de

Tel.: +49/371/38388-0 Fax: +49/371/38388-99 Web: www.amc-systeme.de

### Introduction

The PCI-1762 provides 16 opto-isolated digital inputs with isolation protection of 2,500 Vpc 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

 Input Voltage Logic 0: 3.0 V max.

Logic 1: 10 V min. (50 V max.)

 Interrupt Capable Ch. 2 (IDI0,IDI8) Isolation Protection 2.500 Vpc ■ Opto-Isolator Response 100 µs Input Resistance 5.7 k Ohm 1 W

#### **Relay Output**

Channels

 Relay Type Form A or Form B (Jumper selectable) Contact Rating  $0.5~\text{A} @ 250~\text{V}_{\text{AC}}, \, 0.5~\text{A} @ 30~\text{V}_{\text{DC}}$ 

• 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 Contact: 50 m Ohm max. Resistance  $2 \times 10^5$  cycles min. @ 0.5A/  $250V_{AC}$ Life Expectancy

#### 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  $0 \sim 60^{\circ}\text{C} (32 \sim 140^{\circ}\text{F})$ -20 ~ 70°C (-4 ~ 158°F) Storage Temperature 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





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