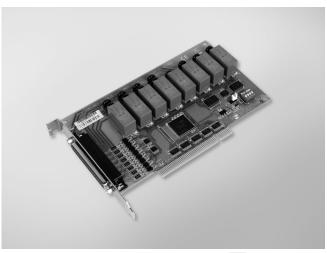
PCI-1761

8-ch Relay and 8-ch Isolated Digital **Input PCI Card**



Features

- 8 opto-isolated digital input channels
- 8 relay actuator output channels
- LED indicators to show activated relays
- BoardID switch



Introduction

The PCI-1761 provides 8 opto-isolated digital inputs with isolation protection of 2,500 Vpc for collecting digital inputs in noisy environments, 8 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. 8 (IDI0 ~ IDI7) Isolation Protection 2.500 Vpc ■ Opto-Isolator Response 100 µs Input Resistance 5.7 k Ohm @ 1 W

Relay Output

Channels

 Relay Type 4 x Form C, and 4 x Form A Contact Rating $2 \text{ A} @ 250 \text{ V}_{AC}$, $2 \text{ A} @ 30 \text{ V}_{DC}$

• Max. Switching Power 500 VA, 60 W Max. Switching Voltage 400 V_{AC}, 300 V_{DC}

 Operating Time Typical: 7 ms, Max: 15 ms Release Time Typical: 2 ms, Max: 6 ms Resistance Contact: 100 m Ohm max. 2 x 105 cycles min. @ 2A/ 250VAC Life Expectancy

General

I/O Connectors 1 x DB37 female connector Dimensions (L x H) 175 x 100 mm (6.9" x 3.9") Power Consumption Typical: 5 V @ 220 mA Max .: 5 V @ 750 mA • Operating Temperature $0 \sim 60^{\circ}\text{C} (32 \sim 140^{\circ}\text{F})$

 Storage Temperature -20 ~ 70°C (-4 ~ 158°F) Storage Humidity 5 ~ 95 % RH, non-condensing

Ordering Information

PCI-1761 8-ch Relay and 8-ch Isolated Digital Input PCI Card

Accessories

PCL-10137-1E DB37 Cable, 1 m PCL-10137-2E DB37 Cable, 2 m PCL-10137-3E DB37 Cable, 3 m

ADAM-3937 DB37 DIN-rail Wiring Board

> **ADVANTECH** Last updated: 27-Mar-2015