**PCL-725**



**8-ch Relay and 8-ch**

**Isolated Digital Input ISA Card**

**Features**

**** 8 x relay output channels and 8 x isolated digital input channels **** LED indicators to show activated relays

**** 4 x Form C and 4 x Form A type relay output channels **** Male DB37 matching connector included **** Output status readback



**RoHS**



**COMPLIANT**

2002/95/EC

**Introduction**

The PCL-725 relay actuator and isolated digital input card offers 8 relay actuators and 8 opto-isolated digital inputs on a single board.Typically, the onboard relays can serve as on/ off control devices or small power switches. The 8 x opto-isolated DI channels are ideal devices for collecting digital inputs under noisy environment or floating potential. Also, the 8 x isolated inputs provide the best method to prevent any ground loop problems.

For easy monitoring, each relay is equipped with one red LED to reflect its on/off status. Each input channel is jumper selectable to either isolated or non-isolated input. Access to input and output channels is made possible through an onboard 37-pin D type connector.

**Specifications**

**Isolated Digital Input**

|  |  |  |
| --- | --- | --- |
| **** | **Channels** | 8 |
| **** | **Input Voltage** | 5 ~ 24 VDC |
| **** | **Isolation Protection** | 1,500 VDC |
| **** | **Input Resistance** | 560 W |
| **** | **Input Current** | 60 mA max. |

**Non-isolated Digiteal Input**

|  |  |  |
| --- | --- | --- |
| **** | **Channels** | 8 (Jumper-selectable) |
| **** | **Input Voltage** | Logic 0: | 0.8 | V max. |
|  |  | Logic 1: | 2.0 | V min. (5.25 V max.) |

**Relay Output**

|  |  |  |
| --- | --- | --- |
| ** Channels** | 8 |  |
| ** Relay Type** | SPDT (4 x Form C and 4 x Form A) |
| ** Contact Rating** | 120 VAC @ 0.5 A, or 30 VDC @ 1 A |
| ** Relay on Time** | 8 ms max. |  |
| ** Relay off Time** | 8 ms max. |  |
| ** Life Span** | 1 x 107 operations |  |
| ** Resistance** | Contact: | 50 mW |
|  | Insulation: | 100 MW min. |

**General**

** Bus Type** ISA

** I/O Connectors** 1 x DB37 female connector

** Dimensions (L x H)** 147 x 100 mm (5.75" x 3.9")

** Power Consumption** 5 V @ < 0.2 A; 12 V @ 33 mA for each relay

* 0.27 A if all eight relays are energized ** Operating Temperature** 0 ~ 60° C (32 ~ 140° F) (IEC 68-2-1, 2)

** Storage Temperature** -20 ~ 70° C (-4 ~ 158° F)

** Storage Humidity** 5 ~ 95 % RH, non-condensing (IEC 68-2-3)

**Ordering Information**

** PCL-725** 8-ch Relay/Isolated Digital Input ISA Card

** PCL-10137-1** DB37 Cable, 1 m

** PCL-10137-2** DB37 Cable, 2 m

** PCL-10137-3** DB37 Cable, 3 m

** ADAM-3937** DB37 DIN-rail Wiring Board

** PCLD-880** Wiring Board w/ Two 20-pin Flat Cables & Adapter



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