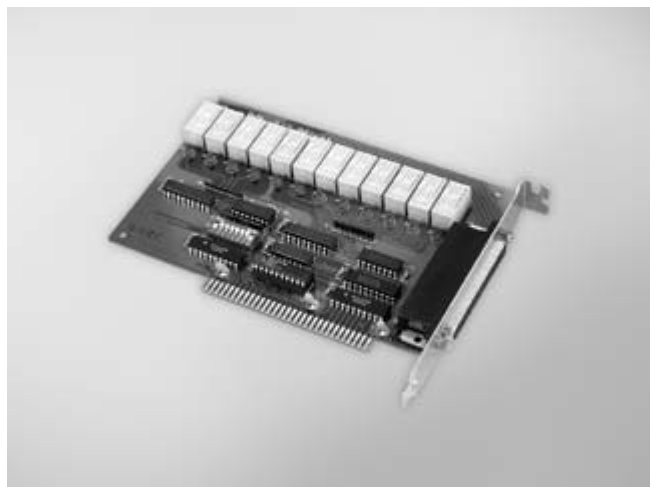


PCL-735

12-ch Relay ISA Card



Features

- 12 relay outputs
- LED indicators to show activated relays
- Male DB37 matching connector included
- Output status readback

Introduction

Ideal for applications such as on/off control or signal switching, the PCL-735 12-channel relay actuator provides 12 SPDT relays on a half-size card. The on/off status of each relay is easy to monitor. A red LED next to each relay shows its on/off status, and the software can read each relay's status. An onboard DB-37 connector provides access to all output channels.

Specifications

Relay Output

- **Channels** 12
- **Relay Type** SPDT, Form C
- **Contact Rating** 2 A @ 30 V_{DC}, 1 A @ 125 V_{AC}
- **Relay on Time** 5 ms typical
- **Relay off Time** 5 ms typical
- **Life Span** > 5 x 10⁵ operations @ 30 V_{DC} and 2 A
> 2 x 10⁶ operations @ 30 V_{DC} and 1 A
- **Resistance** Contact: 50 mΩ
Insulation: 1 GΩ @ 500 V_{DC} min.

General

- **Bus Type** ISA
- **I/O Connectors** 1 x DB37 female connector
- **Dimensions (L x H)** 155 x 100 mm (6.1" x 3.9")
- **Power Consumption** Typical: 5 V @ 280 mA
Max.: 12 V @ 200 mA
- **Operating Temperature** 0 ~ 60° C (32 ~ 140° F)
- **Storage Temperature** -20 ~ 70° C (-4 ~ 158° F)
- **Storage Humidity** 5 ~ 95% RH, non-condensing (refer to IEC 68-2-3)

Ordering Information

- **PCL-735** 12-ch Relay 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

Pin Assignments

NO0	1	NO6
COM0	2	COM6
NC0	3	NC6
NO1	4	NO7
COM1	5	COM7
NC1	6	NC7
NO2	7	NO8
COM2	8	COM8
NC2	9	NC8
NO3	10	NO9
COM3	11	COM9
NC3	12	NC9
NO4	13	NO10
COM4	14	COM10
NC4	15	NC10
NO5	16	NO11
COM5	17	COM11
NC5	18	NC11
N/A	19	

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