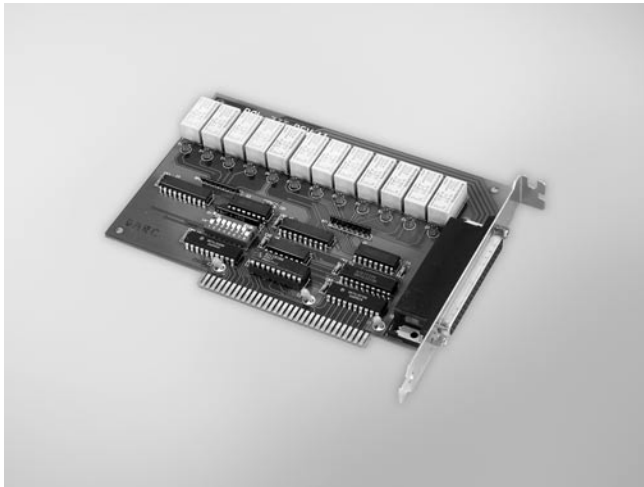


PCL-735

12-ch Relay ISA Card with 16-ch Digital I/O



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 w/ 16-ch Digital I/O
- **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	20	NO6
COM0	2	21	COM6
NC0	3	22	NC6
NO1	4	23	NO7
COM1	5	24	COM7
NC1	6	25	NC7
NO2	7	26	NO8
COM2	8	27	COM8
NC2	9	28	NC8
NO3	10	29	NO9
COM3	11	30	COM9
NC3	12	31	NC9
NO4	13	32	NO10
COM4	14	33	COM10
NC4	15	34	NC10
NO5	16	35	NO11
COM5	17	36	COM11
NC5	18	37	NC11
N/A	19		