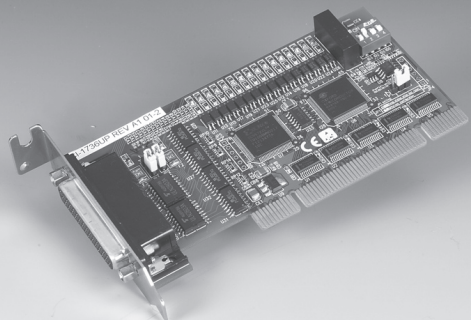


PCI-1736UP

32-channel Isolated Digital Input/Output Card

NEW



Features

- 32 isolated DI/O channels (16 inputs and 16 outputs)
- High output driving capacity
- High-voltage isolation on I/O channels (2500 VDC)
- Interrupt handling capability
- D-type connector for isolated input and output channels
- Keep digital output values when hot system reset
- Wide input range (5 ~ 30 V_{DC})
- Surge protection
- Universal PCI Bus
- Low profile card
- BoardID™ switch

Introduction

PCI-1736UP offer isolated digital input channels as well as isolated digital output channels with isolation protection up to 2,500 V_{DC}, which makes it ideal for industrial applications where high-voltage isolation is required.

In addition, all output channels provide high-voltage protection. The low profile PCI form factor and universal PCI connector (V2.2 compliant) meet requirements for size and power consumption.

Specifications

- **Bus interface** PCI bus spec. 2.2 compliant
PCI universal card (both 3.3V and 5V signaling)
- **IRQ** All ports use the same IRQ assigned by PCI Plug-and-Play
- **I/O Channels** 16 Isolated DI and 16 Isolated DO
- **Isolation Protection** 2500 V_{DC}
- **Input Voltage Range** 5 ~ 30 V_{DC}
- **Output Voltage Range** Open collector 5-40 V_{DC}
- **Connector** DB-44 female connector
- **Dimensions** Low profile PCI MD1 (119.91 x 64.41 mm)
- **Operating Temperature** 0 ~ 60 °C (32 ~ 140° F)
- **Storage Temperature** -25 ~ 85 °C (-4 ~ 185° F)
- **Operating Humidity** 5 ~ 95% Relative Humidity, non-condensing

Ordering Information

- **PCI-1736UP** 32-channel isolated digital input/output card
- **PCL-10144-1** DB 44-pin cable, 1m
- **ADAM-3944** DB-44 Wiring Terminal for DIN-rail mounting

Applications

- Industrial on/off control
- Contact closure monitoring
- Switch status sensing
- BCD interfacing
- Digital input control
- Industrial and lab automation

Pin Assignments

