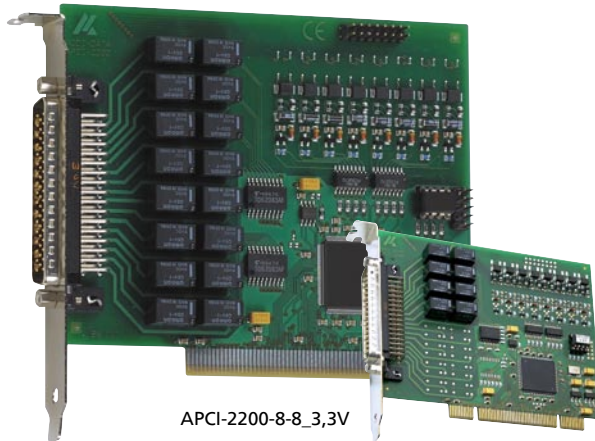


Relay board, optically isolated, 8/16 relays, 8 digital inputs, 24 V



APCI-2200-8-8_3,3V



PCI 32-bit



LabVIEW™



LabWindows/CVI™

Features

- PCI 5 V (APCI-2200)
- PCI 3.3 V (APCI-2200-8-8_3,3V)

Relays

- 8 or 16 electromechanical relays with change-over contacts
- Max. switching voltage for the relays: 60 VDC, 48 VAC
- Max. switching capacity: 30 W, max. 1 A
- Short response time
- Watchdog: switched on/off through software

Digital inputs

- 8 inputs, optically isolated
- Input voltage: 12-24 V (DC)

Safety features

- EMC tested
- Watchdog activity can be read back
- Optical isolation of the relays
- Creeping distance IEC 61010-1

Applications

- Industrial digital I/O controlling
- Automatic test equipment
- Signal switching
- Interface to electromechanical relays
- ON/OFF monitoring of motors, lights...
- Alarm monitoring
- Machine interfacing
- ...

APCI-2200 /APCI-2200-8-8_3,3V

8 or 16 relay output channels

Switching voltage 60 VDC,
48 VAC, switching current 1 A

8 digital inputs 24 V

Optical isolation

Watchdog

Easy programming

Software drivers

A CD-ROM with the following software and programming samples is supplied with the board.

Standard drivers for:

Linux Kernel version 2.4.2,
Windows Vista (32-bit)/XP/2000/NT/98.
Real-time drivers for
Windows Vista (32-bit)/XP/2000/NT/98.
The board is supplied with the universal software **ADDIPACK** (see page 8).

Drivers for the following software packages:

- LabVIEW 5.01
- LabWindows/CVI

Samples for the following compilers:

- Microsoft VC++ 5.0
- Borland C++ 5.01
- Visual Basic 5.0
- Delphi 4.0

Supported ADDIPACK functions:

- Digital input
- Digital output
- Watchdog

Current driver list on the web: www.addi-data.com

Function principle of the relays

