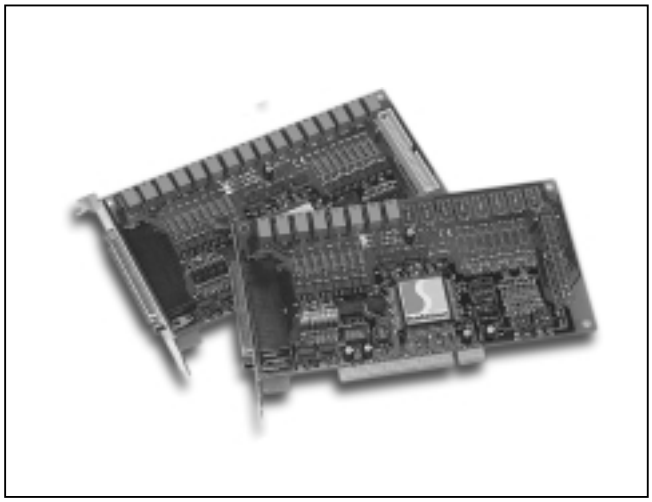
PCI-P16R16: 16 channel isolated digital input, 16 channel relay output
PCI-P8R8: 8 channel isolated digital input, 8 channel relay output



Functional Description

The PCI-P16R16 provides 16 electromechanical relay outputs and 16 optically isolated inputs. The PCI-P8R8 provides 8 electromechanical relay outputs and 8 optically isolated inputs. The PCI-P16R16 has two 37-pin D-Sub connector and the function is equal to two PCI-P8R8. It can be installed in a 5V PCI slot and can support truly "Plug & Play".

Features

- Relay output channel
- Optical isolated digital input channel
- AC/DC signal input; AC signal input with filter
- 5V PCI board

Specifications

Input

- Input Channels : 16
- Photo-coupler: PC-814
- Input Current: 60mA Max.
- Input Voltage: AC/DC 5-24V
- Input Impedance: 1.2K
- Withstanding Voltage: 1KV
- Response time Without filter: 20μS
  With filter: 2.2mS

Output

- Relay Output Channel: 16
- Contact Rating: AC: 120V/0.5A
- Breakdown Voltage: 1KV
- Operate Time: 5 m Sec.
- Release Time: 2m Sec.
- Insulation Resistance: 1,000 M
- Life: Mechanical (5 millions)
  Electrical (1 millions)
- Input Resistance: 100M
- Switching Power: 60VA, 24W
- Power consumption: +5V@500mA (PCI-P8R8)
  +5V@800mA (PCI-P16R16)
- Environmental:
  Operating temp: 0 - 60°C
  Storage temp: -20°C to 80°C
  Humidity: 0 to 90% non-condensing
  Dimensions: 183 mm x 105 mm

Applications

- Factory automation
- Laboratory automation
- Communication switching

Software

- PCI-P16R16 Development Toolkit for DOS
- PCI-P16R16 Development Toolkit for Win95
- PCI-P16R16 Development Toolkit for WinNT

Order Description

- PCI-P16R16: 16 channel isolated Digital Input Board ,16 channel relay output Board
- PCI-P8R8: 8 channel isolated Digital Input Board ,8 channel relay output Board

OPTIONS

- DB-37: Directly connect signals to PCI-P16R16
- DN-37: Terminal Board with 37-pin Connector
- PCI-P16R16 LabVIEW Development Toolkit for Win95
- PCI-P16R16 LabVIEW Development Toolkit for WinNT

Pin Assignment