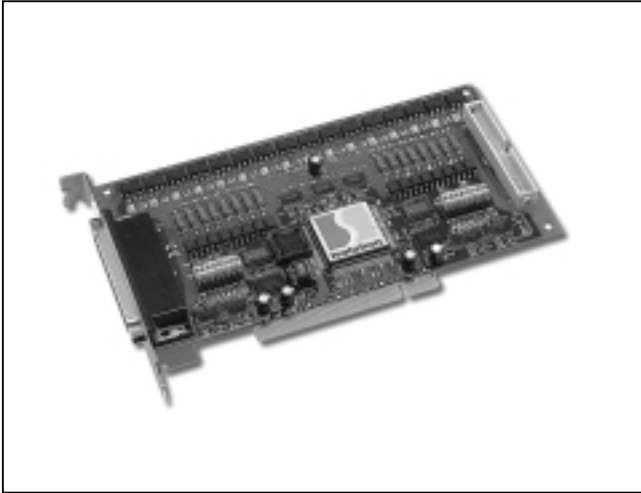




PCI-P16POR16

16 Channel Isolated Digital Input, 16 Channel PhotoMos Relay Output



Functional Description

The PCI-P16POR16 provides 16 optically isolated inputs and 16 photoMos relay outputs. The PCI-P16POR16 has one 37-pin D-Sub connector and one 40-pin header. It can be installed in a 5V PCI slot and can support truly "Plug & Play".

Features

- PhotoMos 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 voltage : AC/DC 3.5V - 30V
- Input impedance : 1.2K / 1W
- Withstanding voltage: 1 KV
- Response time : 20 μ S (without filter)
2.2 mS (with filter)

Output

- PhotoMos relay
 - Turn on time : Ton =0.7ms (typical)
 - Turn off time : Toff=0.05ms(typical)
 - Output : on resistance =23 Ω (typical)
 - Load voltage : 350V (Peak AC)
 - Continuous load current: 0.13A (Peak AC)
 - Input/Output isolation : 5000 V (AC)Switching
- Power consumption: +5V / 310mA

Environmental

- Operating temperature: 0 to 60° C
- Storage temperature: -20° C to 80° C
- Humidity: 0 to 90 % non-condensing
- Dimension: 180 mm x 105mm

Applications

- Factory automation
- Laboratory automation
- Communication switching
- Industrial automation

Software

- PCI-P16POR16 Development Toolkit for DOS
- PCI-P16POR16 Development Toolkit for Win95
- PCI-P16POR16 Development Toolkit for NT WinNT

Order Description

- PCI-P16POR16 16 channel isolated digital input,16 Channel PhotoMos Relay output

Options

- DB-37: Directly connect signal to PCI-P16POR16
- DN-37: I/O connector block with DIN-rail mounting and 37-pin D-Sub connector
- PCI-P16POR16 LabVIEW Development Toolkit for Win95
- PCI-P16POR16 LabVIEW Development Toolkit for WinNT

Pin Assignment

