

PC-37D 8 CHANNEL OPTO-22 SOLID STATE RELAY MODULE

Features

8 (AC or DC) OPTO-22 Solid State Relay Channels (Connected to Port's A; B or C of the Host DAQ PC Card's PIO or DIO circuitry).

For use with PC-43A1/2/3/4 & PC-43D using a 10way 1:1 ribbon cable, as well as other DAQ PC-Cards using a custom made cable.

NB! Each relay requires 5V@18mA to drive it , therefore 8 relays require 144mA

High quality screw terminals for easy field wiring.

There are four 3.2mm diameter holes for mounting or a DIN-RAIL Mounting Base may be fitted (recommended for quick hassle free installations).

OPTO-22 Relay Output Specifications

Number of OPTO-22 Relay Output channels: 8

Relay: OPTO-22 Model MP (DC) Range

Switching Ranges: 5-60VDC @ 3A; 5-200VDC @ 1A;

Off-State Blocking: 60VDC & 250VDC respectively

Forward Voltage Drop: 1.5V @ 3A & 1A respectively

Isolation Voltage: 4KV RMS

Operating Temperature Range: -40°C to 100°C

Relay: OPTO-22 Model MP (AC) Range

Switching Ranges: 120VAC @ 2 or 4A; 240VAC @ 2 or 4A;

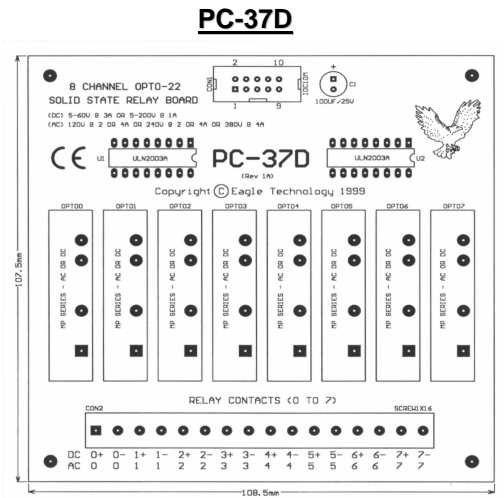
380VAC @ 4A

One Cycle Surge: 20; 85; 20; 85 & 85 (Amps Peak) respectively

Isolation Voltage: 4KV RMS

Dissipation Watts/Amp: 1.2

Access via: (DC/AC) RELAY CONTACTS (0 TO 7) screw terminals



Temperature Ranges

Operating Temperature: 0° to 60°C

Storage Temperature: -20° to 80°C

Physical Dimensions

107.5mm (width) X 108.5mm (length) X 28.0mm (height without DIN-RAIL Mounting Base fitted)

111.5mm (width) X 110.0mm (length) X 50.0mm (height with DIN-RAIL Mounting Base fitted)