

PC-51-8 8 CHANNEL OPTO-22 DIGITAL I/O MODULE DOCKING MODULE

Features

8 (AC or DC) G4 OPTO-22 Digital I/O Module Channels with LED status indicators (Connected to Port's A; B or C of the Host DAQ PC Card's PIO or DIO circuitry).

Onboard Fuse Tester for testing fuses of O/P modules

Jumper selectable Channel I/O direction (ONBOARD DRIVER for O/P's & DIRECT CONNECTION for I/P's)

For use with PC-43A1/2/3 or PC-43A4 (where I/P & O/P Modules can be mixed) & PC-43D using a 10way 1:1 ribbon cable, as well as other DAQ PC-Cards using a custom made cable.

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 Digital I/O Module Specifications

Logic Voltage: 5VDC (all modules)

Number of OPTO-22 Digital I/O Module channels: 8

(1) Module: G4 OPTO-22 (AC Input) Ranges:

Voltage Ranges (AC or DC): 90-140V; 180-280V or 90V-140V
(with Man/Auto Switch)

Input Current (@ max line): 11mA; 5mA or 11mA respectively

Output Supply Current: 12mA (all 3)

Isolation Voltage: 4KV RMS

Operating Temperature Range: -30°C to 70°C

(2) Module: G4 OPTO-22 (AC Output) Ranges:

Switching Ranges: 12-140V(NO); 24-240V(NO); 24-240V(NC);
12-140V(MAN/AUTO SWITCH) or
24-280V(MAN/AUTO SWITCH)

Current Rating: 3A @ 45°C

Peak Repetitive Voltage: 500V

Minimum Load Current: 20mA

Removable Fuse: 4A

Operating Frequency: 25-65Hz

One-Cycle Surge ability: 80A

Isolation Voltage: 4KV RMS

Operating Temperature Range: -30°C to 70°C

(3) Module: G4 OPTO-22 (DC Input) Ranges:

Voltage Ranges (DC): 10-32V; 4-16V(HS); 2.5-28V; 35-60V;
2.5-16V(VHS) or
10-32V(with Man/Auto Switch)

Voltage Ranges (AC): 12-32V; 4-16V(HS); -- -V; 35-60V;
-- -V(VHS) or
12-32V(with Man/Auto Switch)

Input Current (@ max line): 25mA; 45mA; 30mA; 6mA;
30mA or 25mA respectively

Output Supply Current: 12mA (all 6)

Isolation Voltage: 4KV RMS

Operating Temperature Range: -30°C to 70°C

Temperature Ranges

Operating Temperature: 0° to 60°C

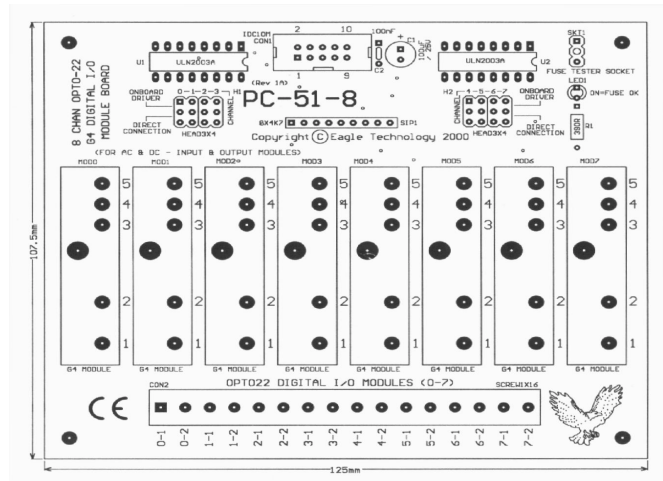
Storage Temperature: -20° to 80°C

Physical Dimensions

107.5mm (width) X 125.0mm (length) X 48.0mm (height without DIN-RAIL Mounting Base fitted)

111.5mm (width) X 126.5mm (length) X 65.0mm (height with DIN-RAIL Mounting Base fitted)

PC-51-8



(4) Module: G4 OPTO-22 (DC Output) Ranges:

Switching Ranges: 5-60V; 5-200V or 5-60V(MAN/AUTO SWITCH)

Current Rating: 3A; 1A or 3A @ 45°C respectively

Peak Repetitive Voltage: 500V

Minimum Load Current: 20mA

Removable Fuse: 1 or 4A

One Second Surge ability: 5A

Isolation Voltage: 4KV RMS

Operating Temperature Range: -30°C to 70°C

Access via: OPTO22 DIGITAL I/O MODULES (0 TO 7)
screw terminals