OPTO 22

DATA SHEET

Form 390-010206

Description

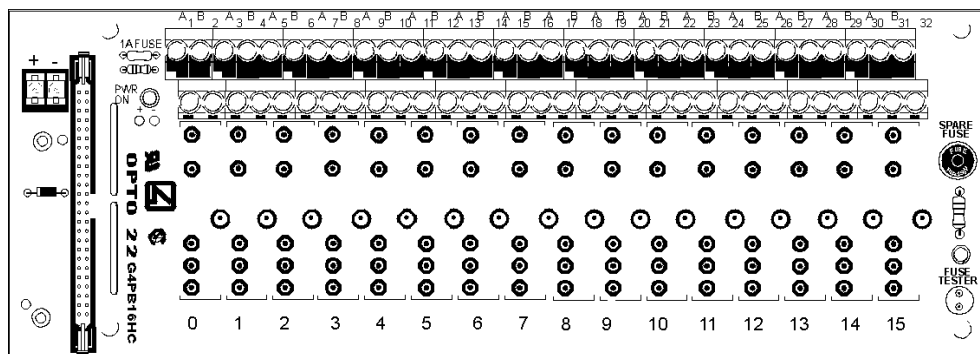| Part Number	Description
G4PB16HC	G4 16-Channel Rack With Header Connector Common TB

The G4PB16HC I/O mounting rack accommodates up to 16 G4 I/O modules and features an extra row of terminals for field loop power connections. A header connector accepts a standard 50-pin cable, the Optomux® B1, Pamux® B5, or B100 brain board for logic connections. Barrier strips with screw terminals provide the field and mounting rack power connections.

Insert and remove modules easily and quickly without disturbing field wiring. Modules are secured to the mounting rack with a threaded captive hold-down screw. The logic supply is fused with a 1A fuse.
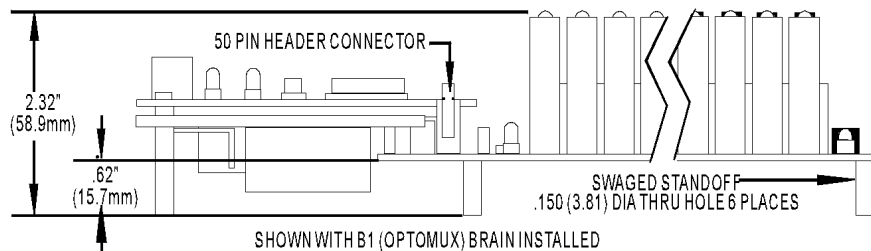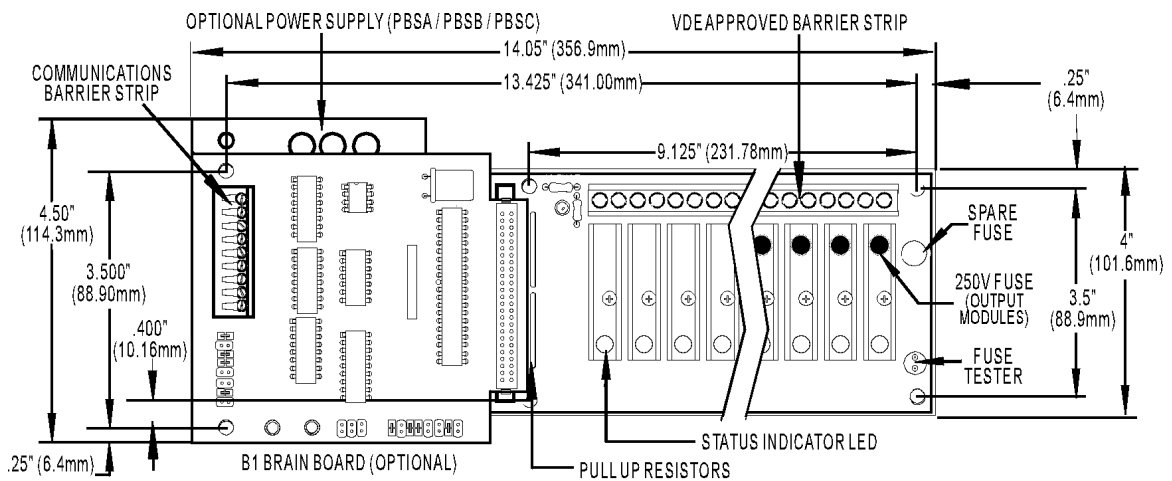

Features

Requires minimum panel space
Built-in fuse tester
Spare fuse on board
For use with Optomux B1, Pamux B5, or B100 brain boards
Power indicator light
Works with Opto 22 PBSA/B/C power supply
Extra row of terminals provides field loop power connections
UL recognized, CSA certified, CE approved
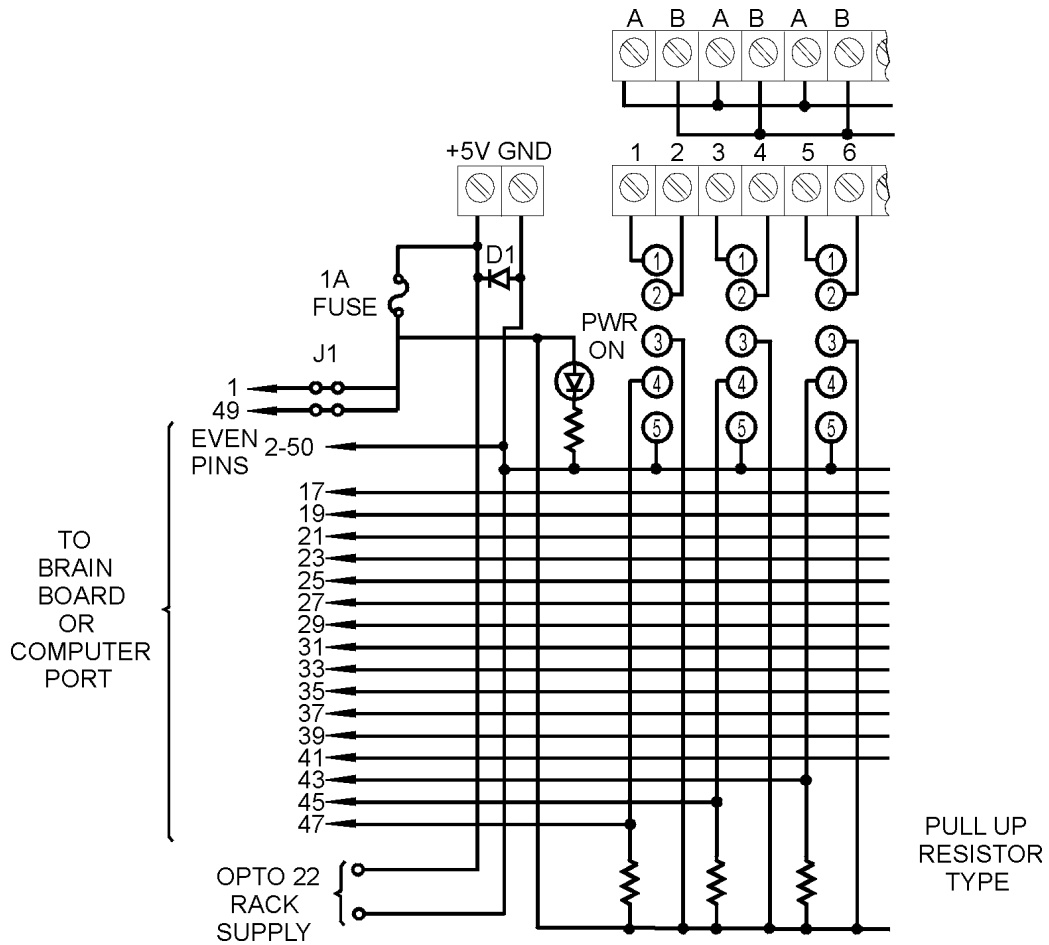Uses a single 5, 15, or 24 VDC power supply for control power

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Specifications

Operating temperature:	0 to 70° C
	95 percent relative humidity, non-condensing
Interface connector:	
Field:	Screw-type barrier strip accommodates up to 10 AWG wire
Control:	50-conductor header connector
Power:	Two-position screw terminal or Opto 22 PBSA/B/C Power Supply

Dimensions

RACKS
CLASSIC G4
16-CHANNEL

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Connections

TO
BRAIN
BOARD
OR
COMPUTER
PORT

OPTO 22
RACK
SUPPLY

PULL UP
RESISTOR
TYPE

OPTO 22

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Connections (CONT.)

Notes:
1. Even pins on control connector are connected by etch to common.
2. +VCC and return connected to terminals marked +5V and GND.
3. At each module position on the field terminal strip, the lower number is always connected to pin 1 of the I/O module.
4. Use only 5 VDC logic modules when using the mounting rack with a brain board.

Module Position	Control (Header Connector)	Field (Terminal Strip)
0	47	1 and 2
1	45	3 and 4
2	43	5 and 6
3	41	7 and 8
4	39	9 and 10
5	37	11 and 12
6	35	13 and 14
7	33	15 and 16
8	31	17 and 18
9	29	19 and 20
10	27	21 and 22
11	25	23 and 24
12	23	25 and 26
13	21	27 and 28
14	19	29 and 30
15	17	31 and 32