

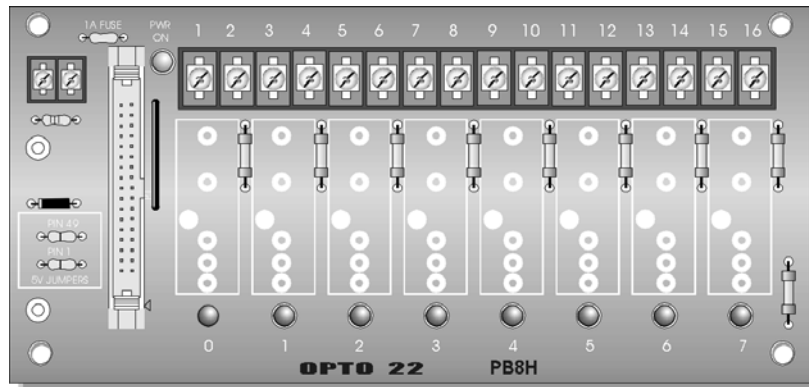
## DATA SHEET

Form 478-050516

### Description

The PB8H I/O mounting rack can accommodate up to eight Opto 22 standard (Generation 1) digital single channel I/O modules in any combination. The PB8H is designed to interface to Optomux (B1), Pamux (B5), or Mystic (B100) protocol brain boards via a 50-pin header connector. This 50-pin header connector also allows an easy connection to computer parallel I/O ports via a 50-conductor ribbon cable. Special mounting tabs allow the PB8H to be used with the Opto 22 PBSA, PBSB, and PBSC power supplies.

Part Number	Description
PB8H	8-Channel Standard Digital Mounting Rack



Form 478-050516

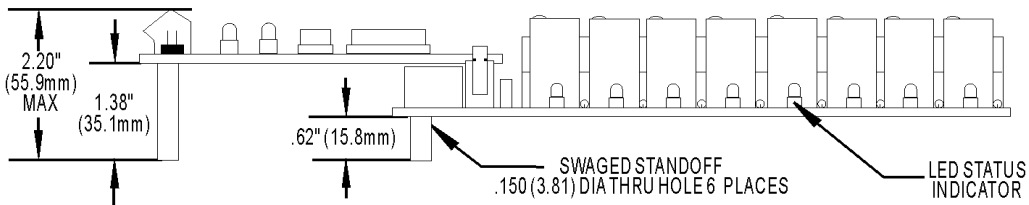
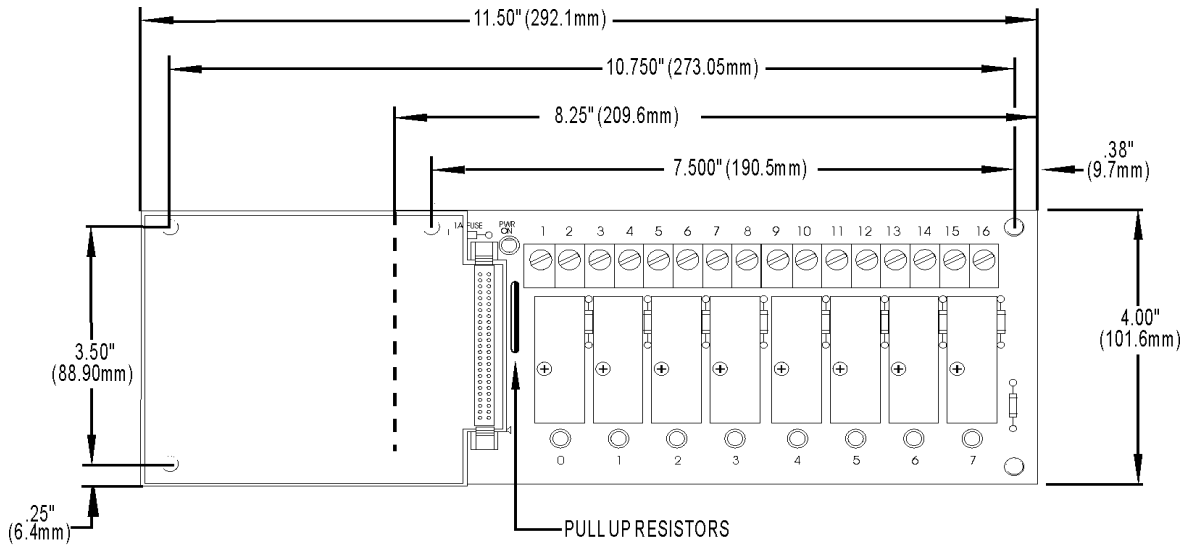
### Specifications

#### General Specification

Operating Temperature	0° to 70° C, 95% Relative Humidity Non-condensing
Interface Connectors Field	6-32 Screw Terminals
Control	50-conductor Header Connector
Power	2-position Screw Terminal or Opto 22 PBSA/B/C Power Supply
Compatible I/O Module Family	Standard (Generation 1) Digital 5-volt logic

### Dimensions

#### PB8H DIMENSIONS



### Connections

#### PB8H Connections

Module Position	Control (Header Connector)	Field (Terminal Strip)
0	47	1 & 2
1	45	3 & 4
2	43	5 & 6
3	41	7 & 8
4	39	9 & 10
5	37	11 & 12
6	35	13 & 14
7	33	15 & 16

1. Even pins on control connector are connected by etch to common.
2. +VCC and return connected to two point terminal strips
3. At each module position on the field terminal strip, the lower number is always connected to pin 1 of the I/O module.

### Schematics

PB8H SCHEMATIC

