

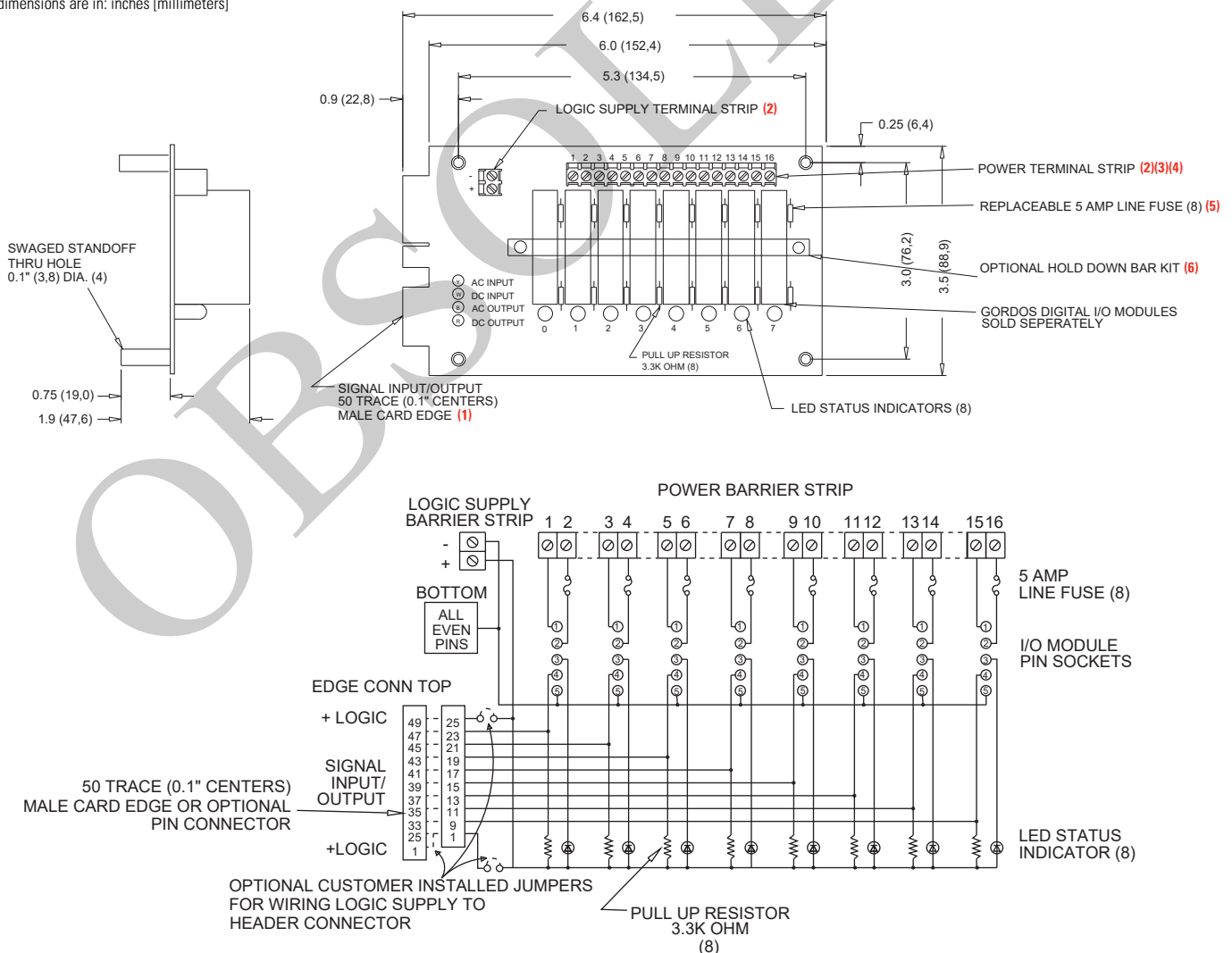
# **PB-8M** MOUNTING BOARD

## Features

- Plug-compatible logic connections
- Screw terminal barrier block for load connections
- Resident pull-up resistors
- 5 amp field-replaceable fuses (LITTELFUSE #251005 or equivalent)
- LEDs indicate logic status
- All even-numbered logic connections are logic ground
- Input and output modules accepted interchangeably
- Operate with 5, 15 or 24 volt logic supplies
- Optional Hold Down Bar for retaining "M" series modules

## MECHANICAL SPECIFICATIONS

Tolerances:  $\pm 0.02$  in / 0.5 mm  
All dimensions are in: inches [millimeters]



## GENERAL NOTES

- 1) Mating connector is Berg 66317-150 or equivalent. Specify suffix "C" for optional 65823-093 or equivalent male pin connector for parallel-to-the-board cable connection. Specify suffix "V" for optional circuit assembly CA-50H-2B-SR or equivalent male pin connector for perpendicular-to-the-board cable connection.
- 2) 4-40 screw terminal strips accept wire sizes from 26 to 14 AWG.
- 3) Optional jumpers are available to interconnect barrier strip commons, order 1 each "JM8".
- 4) Phoenix MKD51.5 5.08mm series (or equivalent) screw terminal blocks standard. Specify suffix "A" for board-mounted Phoenix MSTBVA 1.5/16-g-5.08 (or equivalent) male connector. Specify suffix "B" for board-mounted Phoenix MSTBVA 1.5/16-g-5.08 (or equivalent) male connector and mating Phoenix MSTBVA 1.5/16-st-5.08 (or equivalent) female, screw-terminal plug-in connector.
- 5) Littelfuse 251005 or equivalent.
- 6) Two hold-down bar kits are available separately. Model no. 11.06.414 employs a plain aluminum channel while model no. 11.06.293 provides pockets in the channel for individual modules.

## WARNINGS



### RISK OF MATERIAL DAMAGE AND HOT ENCLOSURE

- The product's side panels may be hot, allow the product to cool before touching.
- Follow proper mounting instructions including torque values.
- Do not allow liquids or foreign objects to enter this product.

**Failure to follow these instructions can result in serious injury, or equipment damage.**



### HAZARD OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH

- Disconnect all power before installing or working with this equipment.
- Verify all connections and replace all covers before turning on power.

**Failure to follow these instructions will result in death or serious injury.**

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