

PB-8SM

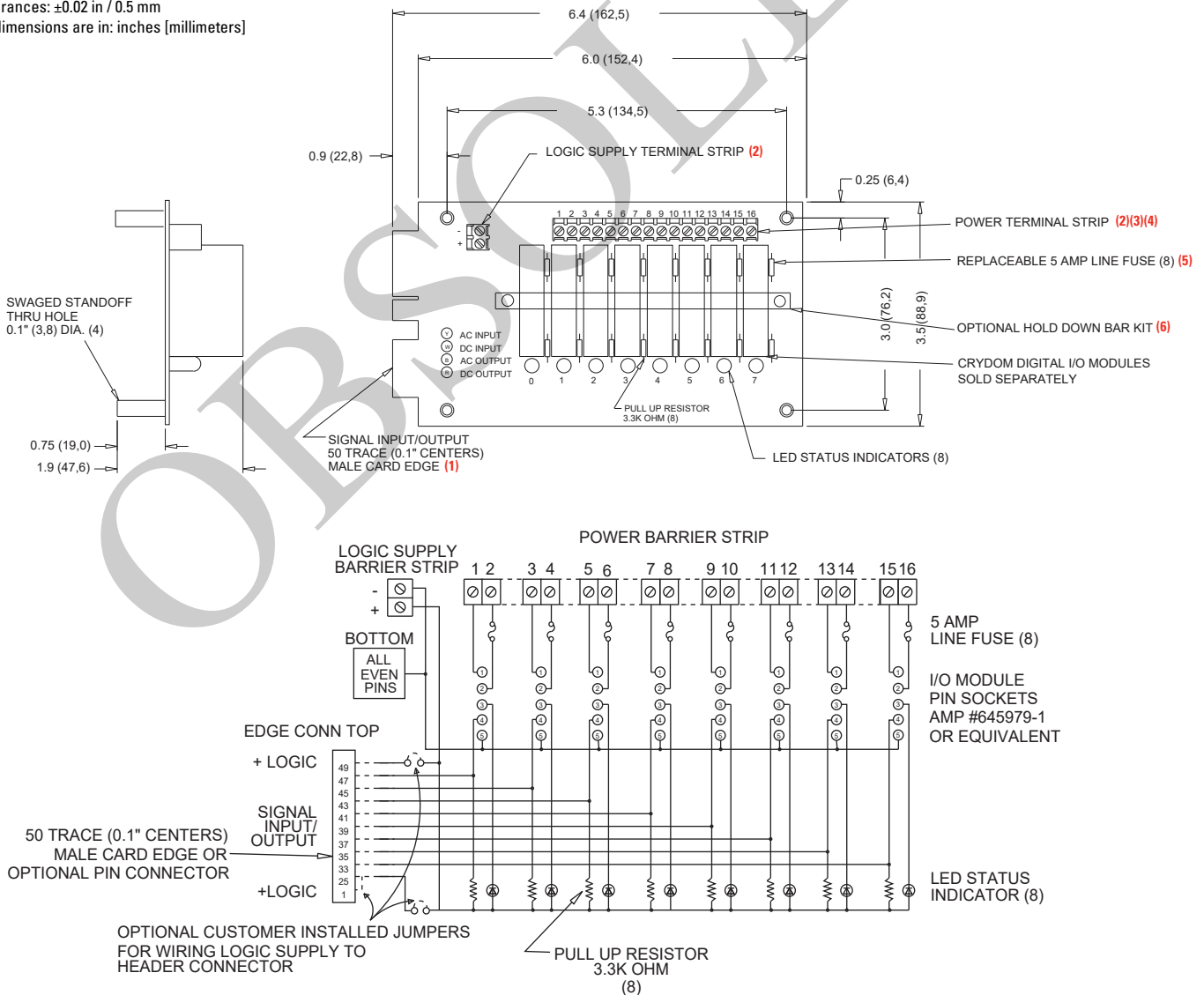
MOUNTING BOARD

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
- Pin retaining system for "SM" series miniature modules

MECHANICAL SPECIFICATIONS

Tolerances: ±0.02 in / 0.5 mm
 All dimensions are in: inches [millimeters]



AGENCY APPROVALS & CERTIFICATIONS

UL E79183
CSA 38595

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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