

## | PB4R / PB-4R

# MOUNTING BOARD FOR DIGITAL I/O MODULES

### **Features**

- Screw terminal barrier block for 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
- · Accepts only output modules
- Operate with 5, 15 or 24 volt logic supplies
- Captive-screw retaining system for standard-size modules

## MECHANICAL SPECIFICATIONS

Tolerances: ±0.02 in / 0.5 mm All dimensions are in: inches [millimeters] POWER OUTPUT BARRIER STRIP (1) REPLACEABLE 5 AMP LINE FUSES (4) (2) 0.25 (6,4) DIGITAL I/O MODULES SOLD SEPARATELY (76,2) (88,9) SWAGED STANDOFF THRU HOLE 0.15 (3,8) DIA. 3.0 PULL UP RESISTOR 3.3K OHM (4) LED STATUS INDICATORS (4) 0.75 (19,1) -0.25 (6,4) TO BARRIER STRIP (+1,-2) (1) 4.0 (101,6) SIGNAL INPUT/OUTPUT BARRIER STRIP (2) 2.2 (55,9) 4.5 (114,3) UNUSED POWER 00 Ø  $\oslash$ 0 00 0 0 BARRIER STRIP 1 1 1 1 REPLACEABLE 5 AMP FUSE (4) 2 2 2 I/O MODULE PIN SOCKETS 3 -(3) 3 3 4 4 4 4 PULL UP RESISTOR 3.3K OHM (4) LED STATUS  $^{\bigcirc}$ ➂ INDICATOR (4) SIGNAL INPUT/OUTPUT BARRIER 0 00 00 00  $\emptyset$ STRIP 1



UNUSED

## AGENCY APPROVALS & CERTIFICATIONS

UL E79183 CSA 38595

## GENERAL NOTES

- 1) 6-32 screw terminal barrier strips accept wire sizes from 24 to 12 AWG.
- 2) Littelfuse 251005 or equivalent.
- 3) PB4R accepts only Output Modules. Input Modules will NOT plug into PB4R.

# 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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