PD4/PD4CB
Power Distribution Modules

Overview:

Altronix PD4/PD4CB power distribution modules convert a single AC or DC input into four (4) individually fused or PTC protected outputs.

Specifications:

Input:
- 28VAC or 28VDC max., up to 10A.

Outputs:
- **PD4:** Four (4) individually fused outputs (fuses are rated @ 3.5A; up to 5A fuses may be used).
- **PD4CB:** Four (4) PTC protected auto-resettable outputs (PTCs are rated @ 2.5A).
- Surge suppression.

Main Fuse Rating:
- Main fuse rated @ 5A/250V.

Visual Indicators:
- Power output LED indicator.

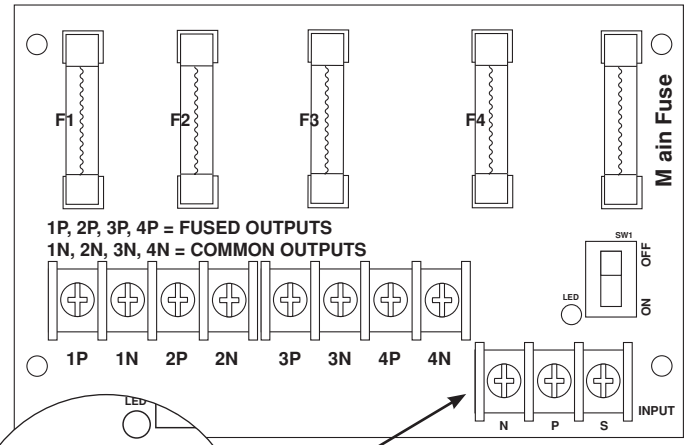
Additional Features:
- Power ON / OFF switch.

Board Dimensions (L x W x H, approximate)**:**
5.25" x 3.25" x 1" (133.4mm x 82.6mm x 25.4mm).

Installation Instructions:

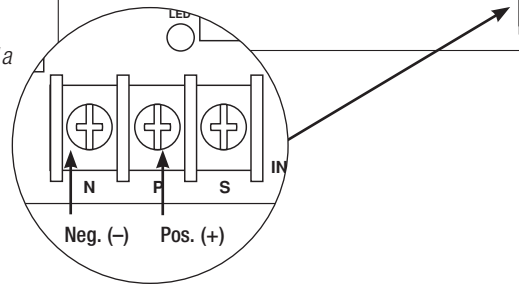
1. Mount PD4/PD4CB in the desired location/enclosure (mounting hardware included).
2. Connect the desired power supply output to the terminals marked [INPUT] *(Fig. 1a)*.
   Note: If using DC voltage, left terminal is NEG. (–) and right terminal is POS. (+) *(Fig. 1a)*.
3. Measure output voltage before connecting devices. This helps avoiding potential damage. All terminals with common suffix P "1P, 2P..." are the same polarity.
4. Set power switch [SW1] to the OFF position *(Fig. 1)*.
5. Connect each device to the terminal pairs 1 to 4, marked [1P - 1N] through [4P - 4N] *(Fig. 1)*.
6. Fuses are rated at 3.5A/250V (PD4: Replacement fuses can be rated at 5.0A).
7. Set power switch [SW1] to the ON position *(Fig. 1)*.

Fig. 1



PD4CB
PTC protected
Outputs

Fig. 1a



Altronix is not responsible for any typographical errors.

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