



Altronix PD8 Power Distribution Modules Instruction Manual

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PD8/PD8CB Power Distribution Modules

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Overview:

Altronix PD8/PD8CB power distribution modules convert a single AC or DC input into eight (8) individually fused or PTC-protected outputs.

Specifications:

Input:

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

Outputs:

- PD8: Eight (8) individually fused outputs (fuses are rated @ 3.5A; up to 5A fuses may be used).

- PD8CB: Eight (8) PTC protected auto-resettable outputs (PTCs are rated @ 2.5A).
- Surge suppression.

Main Fuse Ratings:

- The main fuse is rated @ 5A/250V.

Visual Indicators:

- Power output LED indicator.

Additional Features:

- Power the ON / OFF switch.

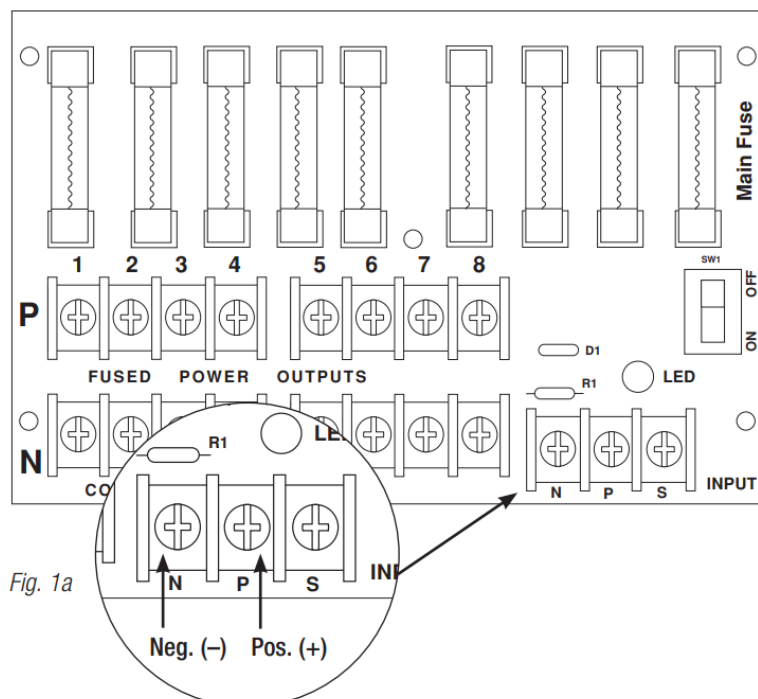
Board Dimensions (L x W x H, approximate): 5.25" x 3.25" x 1" (133.4mm x 82.6mm x 25.4mm).

Installation Instructions:

1. Mount PD8/PD8CB in the desired location/enclosure (mounting hardware included).
2. Connect the desired power supply output to terminals marked [INPUT] (Fig. 1a).
Note: If using DC voltage, the left terminal is NEG. (–) and the right terminal is POS. (+) (Fig. 1a).
3. Measure output voltage before connecting devices. This helps avoid potential damage. All terminals with the common suffix P “1P, 2P...” are the same polarity.
4. Set the power switch [SW1] to the OFF position.
5. Connect each device to the terminal pairs 1 to 8, marked [1P – 1N] through [8P – 8N].
6. PD8 output fuses are rated at 3.5A/250V (Replacement fuses can be rated at up to 5.0A).
7. Set the power switch [SW1] to the ON position.

Fig. 1

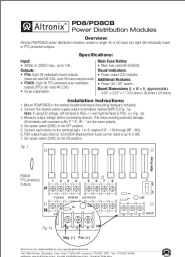
PD8CB
PTC protected
Outputs





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Documents / Resources

	Altronix PD8 Power Distribution Modules [pdf] Instruction Manual PD8, PD8CB, PD8 Power Distribution Modules, Power Distribution Modules, Distribution Modules, Modules
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References

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