

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.

Fuse Ratings:

- Fuses (PD8) are rated @ 3.5A/250V.
- 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 PD8/PD8CB in the desired location/enclosure.
2. Connect the desired power supply output to 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.
5. Connect each device to the terminal pairs 1 to 8, marked [1P - 1N] through [8P - 8N].
6. PD8 output fuses rated at 3.5A/250V (Replacement fuses can be rated at up to 5.0A).
7. Set power switch [SW1] to the ON position.

Fig. 1

PD8CB
PTC protected
Outputs


