

Overview:

PD8ULCB is a UL Listed Sub-Assembly power distribution module designed to convert a single AC or DC input into eight (8) PTC protected Class 2 Rated power-limited auto-resettable outputs.

Specifications:

Agency Listings:

- **UL Listed Sub-Assembly for**
- SECURITY SIGNALING** UL 294* Access Control System Units.
- UL 603 Power Supplies for Use with Burglar Alarm Systems.
- UL 1481 Power Supplies for Fire Protective Signaling Systems.



• **cUL Listed:**

General Signaling Equipment Evaluated to CSA Standard C22.2 No.205-M1983. Power Supplies for Burglar Alarm Systems ULC-S318-96.



Input:

- 12VDC or 24VDC, up to 10A.
- 24VAC or 28VAC, up to 12A.

Outputs:

- Eight (8) individually PTC protected outputs @ 2A per output max. current (total output current should not exceed max. current rating of power supply employed).

PTC Ratings:

- PTCs are rated @ 2A/250V.

Visual Indicators:

- **Power On** green LED indicator.

Board Dimensions (W x L x H approximate):

3.25" x 5.25" x 1" (82.6mm x 133.4mm x 25.4mm).

***Access Control Performance Levels:**

Destructive Attack - N/A (sub-assembly); Endurance - IV; Line Security - I; Stand-by Power - I.

Installation Instructions:

Wiring methods shall be in accordance with the National Electrical Code/NFPA 70/NFPA 72/ANSI, and with all local codes and authorities having jurisdiction. Product is intended for indoor use only and should be installed by qualified personnel.

1. Refer to Sub-Assembly Installation Instruction for mounting Rev. MS020119.
2. Mount PD8UL in the desired location/enclosure (mounting hardware included).
3. Connect the desired power supply output to terminals marked [INPUT] (Fig. 1).
Note: Left terminal is NEG. (-) and right terminal is POS. (+) (Fig. 1).
4. Measure output voltage before connecting devices. This helps avoiding potential damage.
5. Connect devices to be powered to terminal pairs 1 to 8, marked [1P - 1N] through [8P - 8N].

All terminals with common suffix P "1P, 2P..." are same polarity.

Note: This product is a UL Listed Sub-Assembly for use with Altronix UL Listed power supplies as indicated in the installation manuals for the power supply.

NOTE: DC outputs are power-limited.

CAUTION: Do not expose to rain or moisture.

(#P) Positive DC outputs

(#N) Negative DC outputs

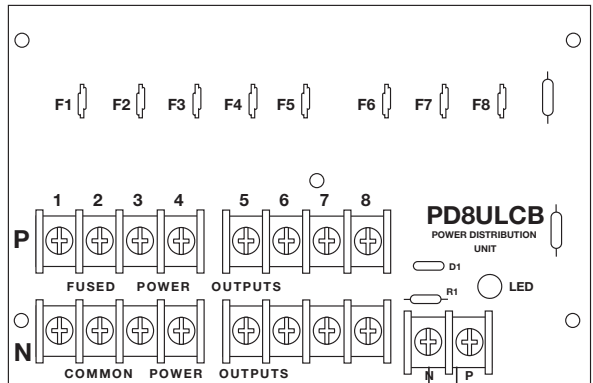


Fig. 1

DC Negative (-) Input DC Positive (+) Input

Altronix is not responsible for any typographical errors.

140 58th Street, Brooklyn, New York 11220 USA | phone: 718-567-8181 | fax: 718-567-9056
 website: www.altronix.com | e-mail: info@altronix.com | Lifetime Warranty | Made in U.S.A.

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