

Overview:

PD8UL is a UL Listed Sub-Assembly power distribution module designed to convert a single AC or DC input into eight (8) individually fuse protected 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:**

- **cUL** 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 fuse protected outputs @ 2.5A per output max. current (total output current should not exceed max. current rating of power supply employed).

Fuse Ratings:

- Fuses are rated @ 3.5A/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 the terminals marked [INPUT] (Fig. 1).
Note: If using DC voltage, 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 the 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 only if a power-limited power supply is employed.

CAUTION: To avoid risk of electric shock or fire hazard replace fuses with the same type and rating, 3.5A/250V. Do not expose to rain or moisture.

(#P) Positive DC outputs

(#N) Negative DC outputs

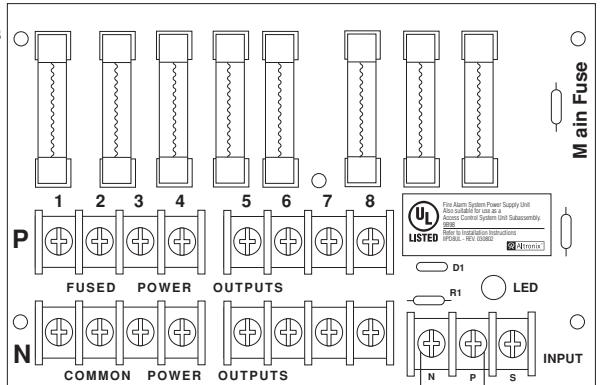


Fig. 1

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