

Overview:

The PD8UL is a UL Recognized component power distribution module, designed to convert a single AC or DC input into eight (8) individually fuse protected outputs.

Specifications:

Agency Listings:

- UL Recognized component for Access Control System Units (UL 294) and for Power Supplies for Fire Protective Signaling Systems (UL 1481).



Input:

- 28VAC or 28VDC up to 10 amp.

Outputs:

- Eight (8) individually fuse protected outputs @ 2.5 amp per output max. current (total output current should not exceed max. current rating of power supply employed).
- Surge suppression.

Fuse Ratings:

- Fuses are rated @ 3.5A/250V.

Visual Indicators:

- Power on green LED indicator.

Board Dimensions (approximate):

5.25”L x 3.25”W x 1”H

Installation Instructions:

1. Mount PD8UL in desired power supply/enclosure.
2. Connect the desired power supply output to terminals marked [INPUT] (Fig. 1).
Note: If using DC voltage, left terminal is NEG. (-) and right terminal is POS. (+) (Fig. 1).
3. Measure output voltage before connecting devices. This helps avoid potential damage.
4. Connect devices to be powered to terminal pairs 1 to 8, marked [1P - 1N thru 8P - 8N].

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

Note: PD8UL is a UL Recognized component for use with Altronix UL Listed power supplies (Models: AL300ULX, AL400ULX, AL600ULX, AL1012ULX and AL1024ULX).

Note: DC outputs are power limited only if power limited power supply is employed (AL300ULX, AL400ULX).

Caution: To avoid risk of electric shock or fire hazard replace fuses with the same type and rating.

Positive DC outputs

Negative DC outputs

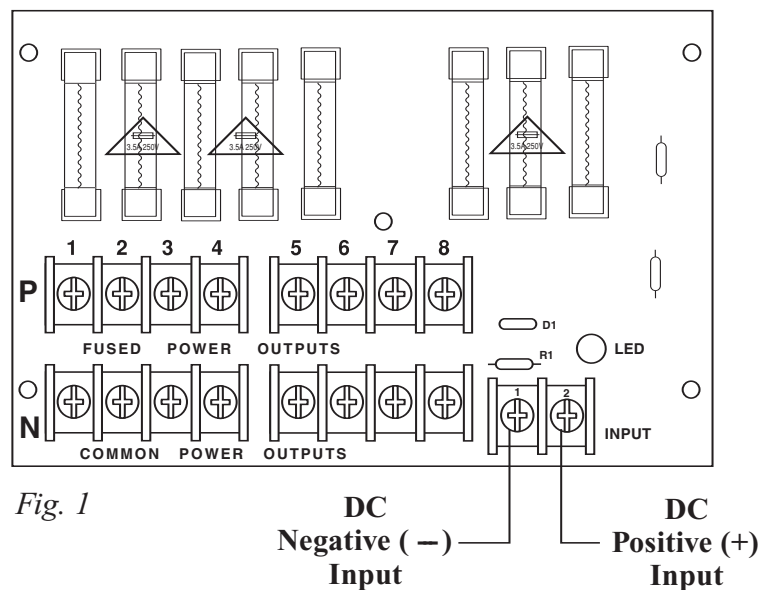


Fig. 1

Altronix is not responsible for any typographical errors.