

Altronix PD4UL UL Listed Sub Assembly Power Distribution Module Instruction Manual

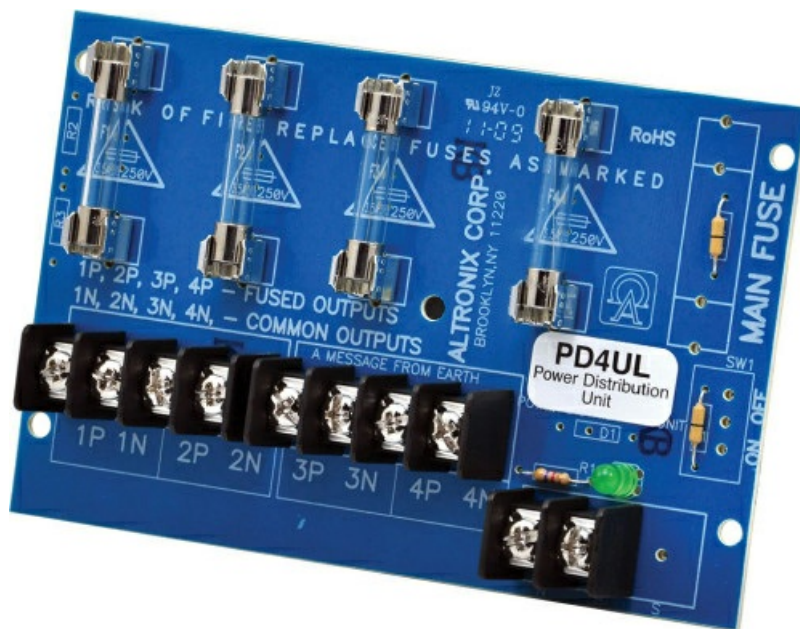
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Altronix PD4UL UL Listed Sub Assembly Power Distribution Module



Overview

PD4UL is a UL Listed Sub-Assembly power distribution module designed to convert a single AC or DC input into four (4) individually fuse-protected outputs.

Specifications

Agency Listings:

- UL Listed Sub-Assembly for UL 294* Access Control System Units.
Access Control Performance Levels:
 - Destructive Attack – N/A (sub-assembly);
 - Endurance – IV; Line Security – I;
 - Stand-by Power – I.
- 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:

- Four (4) 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 the 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).

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. The 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 PD4UL in the desired location/enclosure (mounting hardware included).
3. Connect the desired power supply output to the terminals marked [INPUT] (Fig. 1).

Note: Left terminal is NEG. (–) and the 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 4, marked [1P – 1N] through [4P – 4N].

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

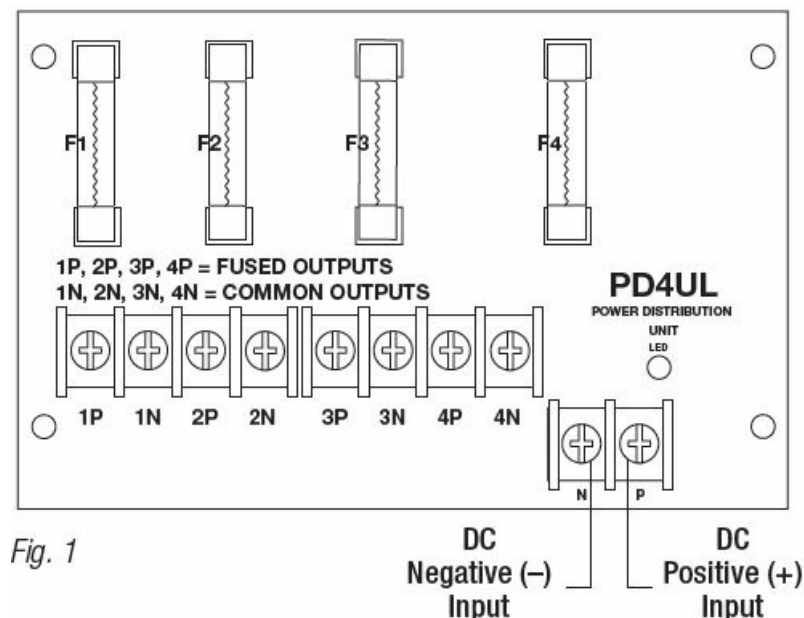


Fig. 1

NOTE:

DC outputs are power-limited only if a power-limited power supply is employed.

CAUTION:

To avoid the 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

Warranty

- Lifetime Warranty

Altronix is not responsible for any typographical errors.

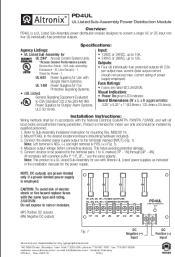
140 58th Street, Brooklyn, New York 11220 USA | phone: 718-567-8181 | fax: 718-567-9056

website: www.altronix.com.

e-mail: info@altronix.com.

IIPD4UL – Rev. 020119 D12U

Documents / Resources

	<p>Altronix PD4UL UL Listed Sub Assembly Power Distribution Module [pdf] Instruction Manual</p> <p>PD4UL, UL Listed Sub Assembly Power Distribution Module, PD4UL UL Listed Sub Assembly Power Distribution Module, Sub Assembly Power Distribution Module, Power Distribution Module, Distribution Module, Module</p>
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References

-  [Altronix Home](#)