

**Overview:**

PD16W and PD16WCB UL Listed Sub-Assembly power distribution modules convert a single AC or DC input into sixteen (16) individually fused or PTC protected outputs.

**Power Distribution Module Configuration Reference Chart:**

Altronix Model Number	Number of Outputs	PTC Protected Auto-Resettable Outputs (Class 2 Power-Limited)	Fuse Protected Outputs	Output Current (max per output. Do not exceed total output)	Total output 12VDC or 24VDC*	Total output 24VAC or 28VAC*
PD16W	16	–	✓	2.5A	10A	12A
PD16WCB	16	✓	–	2A	10A	12A

\*Total output is limited by the total output of UL Listed power supply employed.

**Specifications:**

- **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.
- Fuse Ratings:**
  - Fuses are rated @ 3.5A/250V.
- PTC Ratings:**
  - PTCs are rated @ 2A/250V.
- Visual Indicators:**
  - **Power On** green LED indicator.
- Board Dimensions (W x L x H approximate):**  
 6" x 5.875" x 0.95"  
 (152.4mm x 149.3mm x 24.1mm).

**\*\*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.

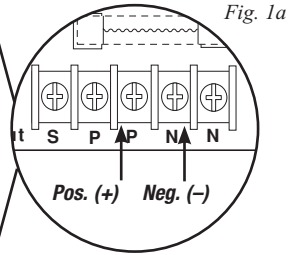
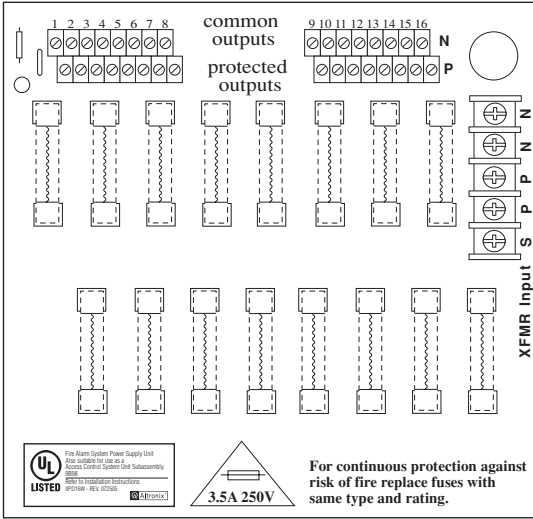
1. Refer to Sub-Assembly Installation Instruction for mounting Rev. MS020119.
2. Mount PD16W(CB) in the desired location/enclosure (mounting hardware included).
3. Connect the desired UL Listed power supply output of a suitable rating to terminals marked [INPUT] (Fig. 1a, pg. 2).
4. Measure output voltage before connecting devices. This helps avoiding potential damage. All terminals with common suffix P "1P, 2P..." are same polarity.
5. Connect each device to terminal pairs 1 to 16, marked [1P - 1N] through [16P - 16N] (Fig. 1, pg. 2). For DC applications "N" terminals are negative and "P" terminals are positive. **Note:** Observe 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.

**WARNING: To reduce the risk of fire or electric shock, do not expose the unit to rain or moisture. Replace fuses only with the same type and rating 3.5A/250V.**

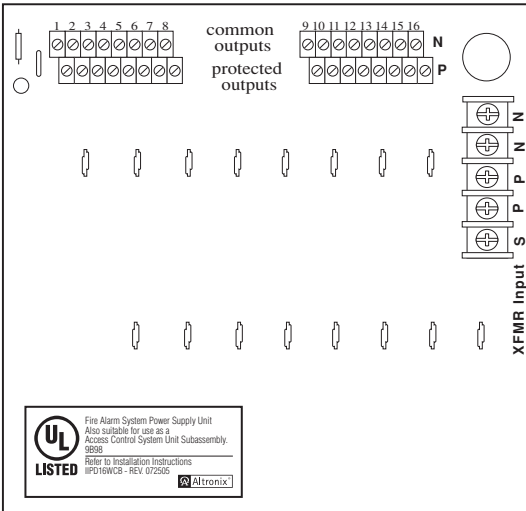
Fig. 1

**PD16W**



\* If DC power supply is used, connect negative to "N" and positive to "P" terminals.

**PD16WCB**



Altronix is not responsible for any typographical errors.

