



PD16W, PD16WCB - UL Listed Sub-Assembly Power Distribution Modules

Overview:

These power distribution modules convert a single 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 Outputs (Class 2 power-limited)	Fuse Protected Outputs	Output Current (max per output do not exceed total output)	*Total output 12VDC or 24VDC
PD16W	16	—	x	2.5 amp	10 amp
PD16WCB	16	x	—	2 amp	10 amp

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

Specifications:

Agency Listings:

- UL Listed Sub-Assembly for Access Control System Units (UL 294) and for Power Supplies for Fire Protective Signaling Systems (UL 1481).
- cUL Listed: General Signaling Equipment Evaluated to CSA Standard C22.2 No.205-M1983.

Input:

- 12VDC or 24VDC up to 10 amp.



Fuse Ratings:

- Fuses are rated @ 3.5A/250V.

PTC Ratings:

- PTCs are rated @ 2A/250V

Visual Indicators:

- Power output LED indicator (PD16W, PD16WCB).

Board Dimensions (W x L x H approximate):

6" x 5.875" x 0.95" (152.4mm x 149.225mm x 24.13mm).

Installation Instructions:

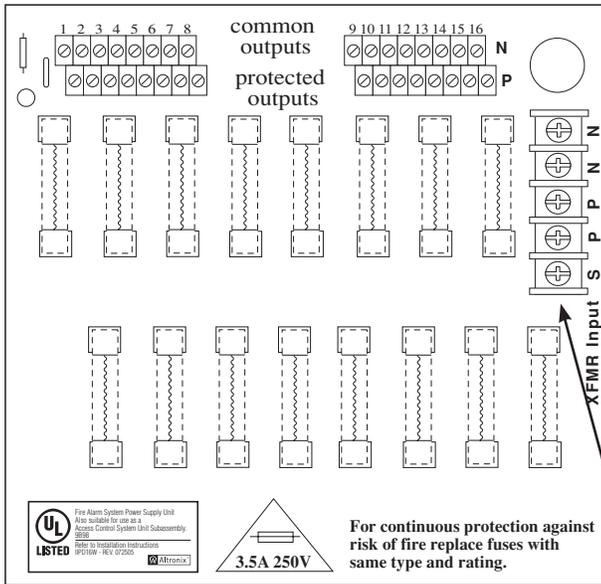
Wiring methods shall be in accordance with the National Electrical Code/NFPA 70/NFPA 72/ANSI, and with all local codes and authorities having jurisdiction. Product is intended for indoor use only and should be installed by qualified personnel.

1. Refer to Sub Assembly Installation Instruction for mounting Rev. MS042511.
2. Connect the desired UL Listed power supply output of a suitable rating to terminals marked [INPUT] (Fig. 1a, pg. 2).
3. Measure output voltage before connecting devices. This helps avoid potential damage. All terminals with common suffix P 1P, 2P..." are same polarity.
4. Connect each device to terminal pairs 1 to 16, marked [1P-1N thru 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 3.5 amp/250V.

Fig. 1

PD16W



PD16WCB

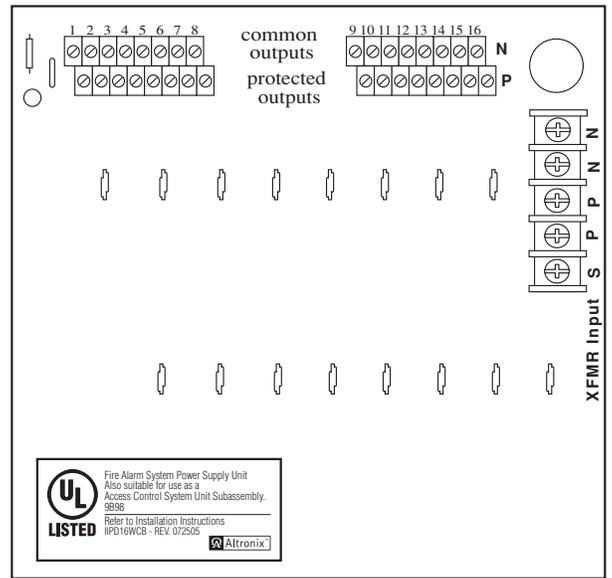
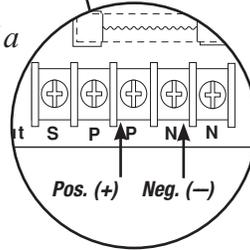


Fig. 1a



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

Altronix is not responsible for any typographical errors.

140 58th Street, Brooklyn, New York 11220 USA, 718-567-8181, fax: 718-567-9056
website: www.altronix.com, e-mail: info@altronix.com, Lifetime Warranty, Made in U.S.A.
IIPD16W - Rev. 051311

B19N

