PD16W, PD16WCB
Power Distribution Modules

Overview:

These power distribution modules converts a single AC input into sixteen (16) individually fuse or PTC protected outputs.

Power Distribution Module Configuration Reference Chart:

Altronix Model Number	PTC Protected Outputs (Class 2 power limited).	Fuse Protected Outputs	Output Current (max per output do not exceed total output)	*Total output 12 or 24VDC	*Total output 24 or 28VAC
PD16W	--	16	3.5 amp	10 amp	12.5 amp
PD16WCB	16	--	2.5 amp	10 amp	12.5 amp

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

Specifications:

Input:

- 24VAC or 28VAC up to 12.5 amp or 12VDC or 24VDC up to 10 amp.

Fuse Ratings:

- Fuses are rated @ 3.5A/250V.

Visual Indicators:

- Power output LED indicator.

Board Dimensions (approximate):

6"H x 5.875"W x .95"D (PD16W, PD16WCB)

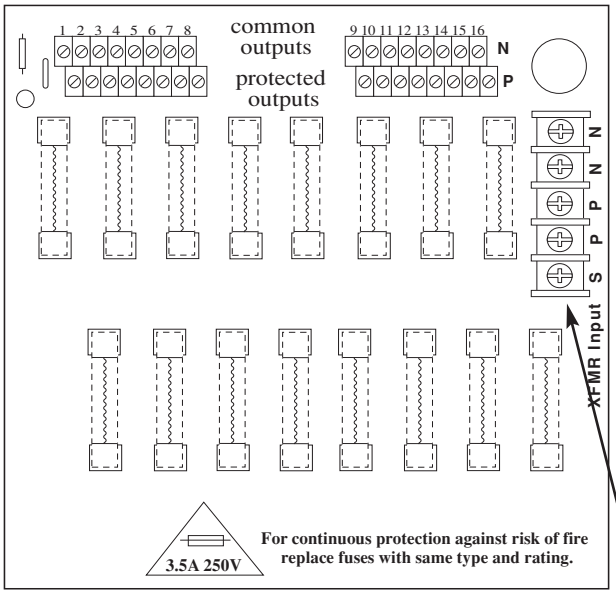
Installation Instructions:

1. Mount sub-assembly power distribution module in desired location/enclosure.
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.
5. 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.

WARNING: To reduce the risk of fire or electric shock, do not expose the unit to rain or moisture. This installation should be made by qualified service personnel and should conform to all local codes and in accordance with the National Electrical Code.
For continuous protection against fire hazard, replace fuses only with the same type and rating.

Fig. 1

PD16W



PD16WCB

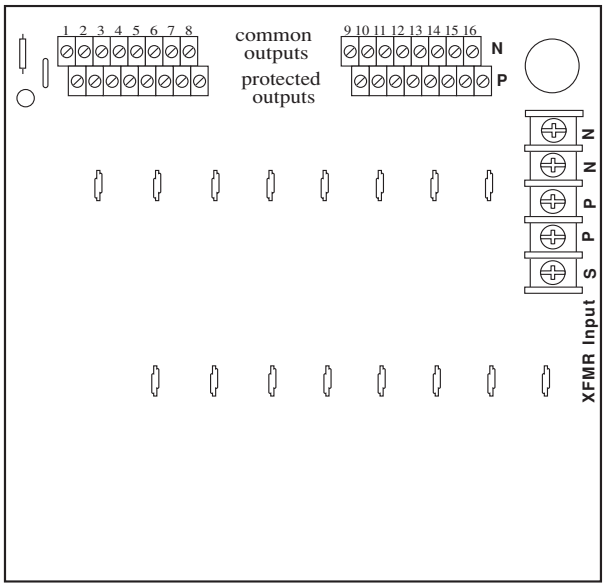
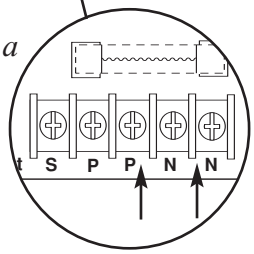


Fig. 1a



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

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