

### Overview:

The PD8 power distribution module converts a single AC or DC input into eight (8) individually fused outputs.

### Specifications:

#### Input:

- 28VAC or 28VDC up to 12A.

#### Outputs:

- Eight (8) individually fused outputs (fuses are rated at 3.5A; up to 5A fuses may be used).
- Surge suppression.

#### Fuse Ratings:

- Fuses are rated @ 3.5A/250V.

#### Visual Indicators:

- Power output LED indicator.

#### Additional Features:

- Power ON / OFF switch.

#### Board Dimensions (W x L x H approximate):

3.25" x 5.25" x 1" (82.55mm x 133.35mm x 25.4mm).

### Installation Instructions:

1. Mount PD8 in the desired location/enclosure.
2. Connect the desired power supply output to terminals marked [INPUT] (Fig. 1a).  
**Note:** If using DC voltage, left terminal is NEG. (-) and right terminal is POS. (+) (Fig. 1a).
3. Measure output voltage before connecting devices. This helps avoiding potential damage.  
All terminals with common suffix P "1P, 2P..." are the same polarity.
4. Set power switch [SW1] to the OFF position.
5. Connect each device to the terminal pairs 1 to 8, marked [1P-1N] through [8P - 8N].
6. Output fuses rated at 3.5A/250V (Replacement fuses can be rated up to 5.0A).
7. Set power switch [SW1] to the ON position.

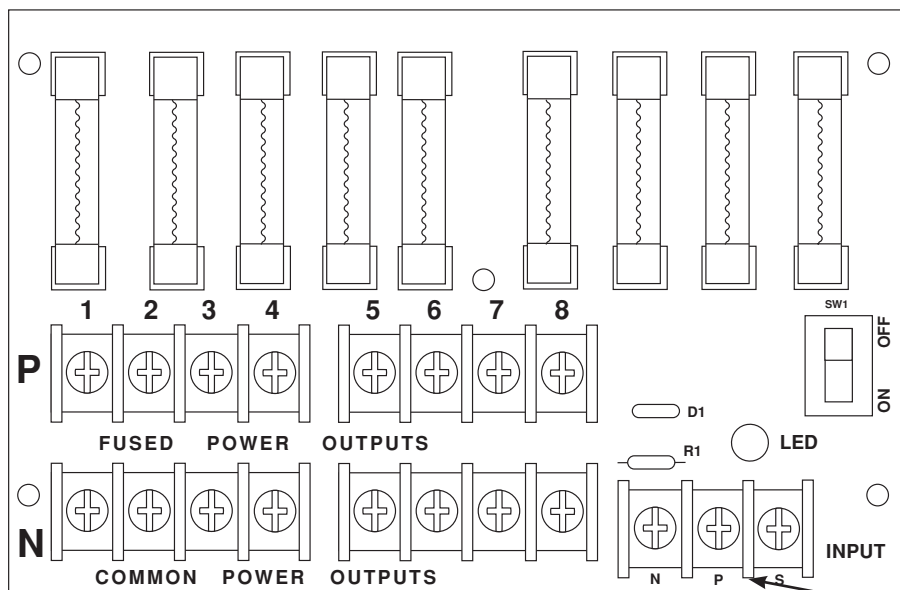


Fig. 1

Fig. 1a

