

## PDS16 and PDS16CB

### Dual Input Power Distribution Modules

Altronix PDS16 and PDS16CB dual input power distribution modules are designed to steer the power from either two (2) low voltage AC or DC power sources. The two inputs can be either, both DC (e.g. 12VDC and 24VDC) or both AC (e.g. 16VAC and 24VAC). That power is distributed over a total of sixteen (16) fuse or PTC protected outputs. The spade connectors allow you to daisy chain multiple PDS16/PDS16CB modules. This feature allows you to distribute the power over more outputs for larger systems.



PDS16

### Specifications

#### Input

##### Voltage Range

**PDS16:** 5VDC to 24VDC, up to 10A each or 16VAC to 28VAC, 60Hz, up to 10A each, 20A total input

**Main Fuse Rating** 15/32A

**PDS16CB:** 5VDC to 24VDC up to 10A each or 16VAC to 28VAC, 60Hz, up to 10A each, 16A total input

**Main PTC Rating** 9A

#### Outputs

**PDS16:** Fuse protected outputs rated @ 3A per output, non power-limited  
Total output 20A max.

**PDS16CB:** PTC protected outputs rated @ 2A per output, Class 2 power-limited  
Total output 16A max.

Do not exceed the individual power supply ratings

Any of the sixteen (16) fuse/PTC protected power outputs are selectable to follow power Input 1 or Input 2

Individual outputs may be set to OFF position for servicing

#### Output Ratings:

**PDS16:** Fuses are rated 3A/32V each

**PDS16CB:** PTCs are rated 2A each

Total output current is determined by the power supply(ies), not to exceed a maximum of 10A for each input

#### Indicators (LED)

**DC Output** Individual voltage LEDs indicate 12VDC (Green) or 24VDC (Red and Green)

#### Features

Multiple units may be daisy-chained to accommodate larger systems

#### Physical and Environmental

##### Dimensions (L x W x H)

5.4" x 3.345" x 1" (137.2mm x 85.0mm x 25.4mm)

**Product Weight** 0.4 lb. (0.18 kg)

**Shipping Weight** 0.5 lb. (0.23 kg)

##### Temperature

**Operating** 0°C to 49°C (32°F to 120°F)

**Storage** -20°C to 70°C (-4°F to 158°F)

**Relative Humidity** 85% +/-5%

Mounting hardware included

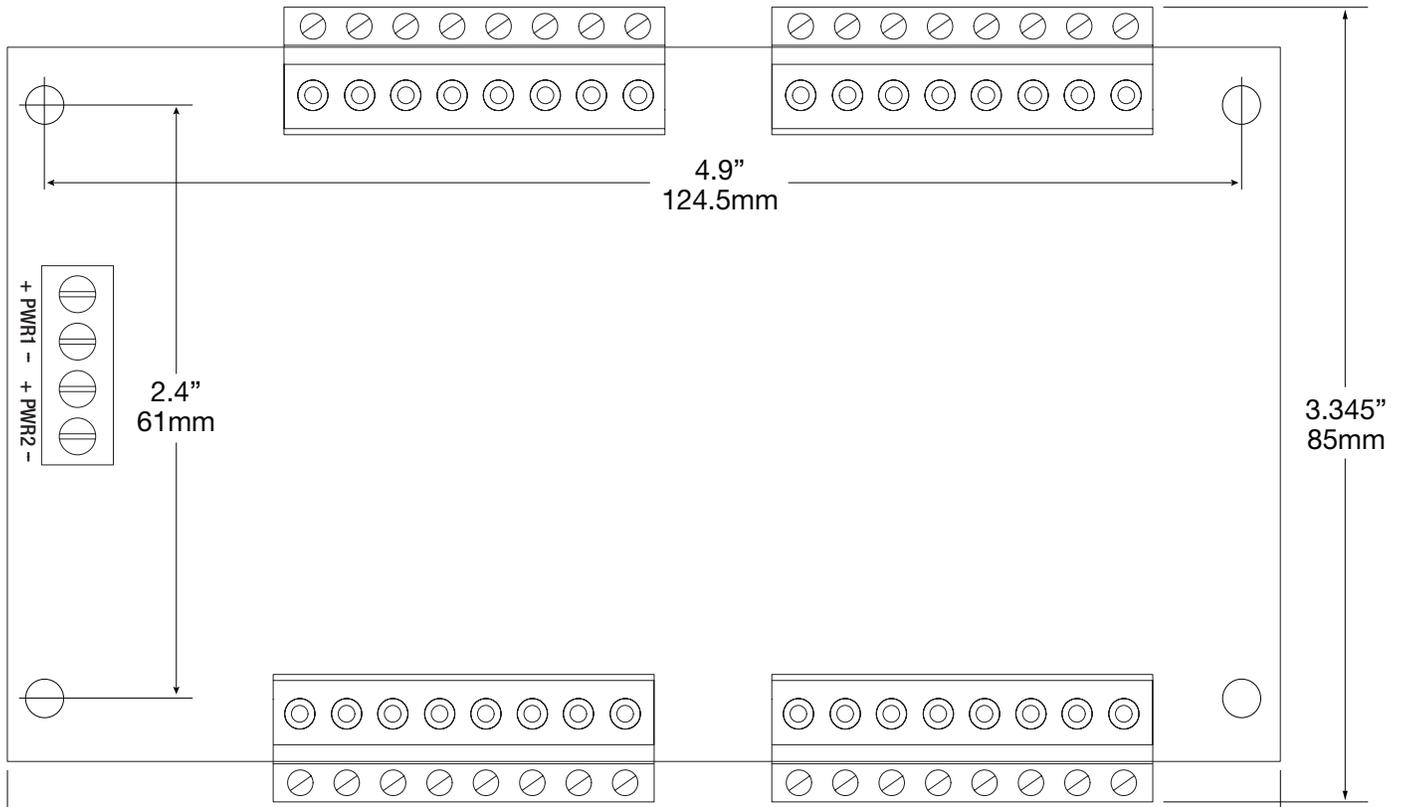
#### Lifetime Warranty

**PDS16 and PDS16CB**

Dual Input Power Distribution Modules

**Board Dimensions (L x W x H) and Drawing**

5.4" x 3.345" x 1" (137.2mm x 85mm x 25.4mm)

**Lifetime Warranty**

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