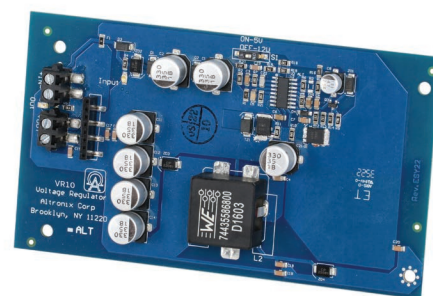


## VR10

### Voltage Regulator

Altronix VR10 Voltage Regulator converts a 24VDC input into a regulated 5VDC or 12VDC selectable output at up to 10A supply current. It reduces the cost of adding an additional power supply to achieve 24VDC and 12VDC or 5VDC simultaneously. Unique stackable design via pin connector, saves labor and valuable enclosure space.



VR10

### Specifications

#### Input/Output

Voltage Range 24VDC @ 3A = Output: 5VDC @ 10A  
24VDC @ 6A = Output: 12VDC @ 10A

#### Output

5VDC or 12VDC regulated output  
Output rating 10A max.  
Surge suppression

#### Indicators (LED)

Input Indicates input voltage is present  
Output Indicates normal operating condition

### Physical and Environmental

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

Board: 5.375" x 3" x 1" (136.5mm x 76.2mm x 25.4mm)  
Shipping: 8" x 6" x 5" (203.2mm x 152.4mm x 127mm)

#### Weight (approx.)

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° to 158°F)

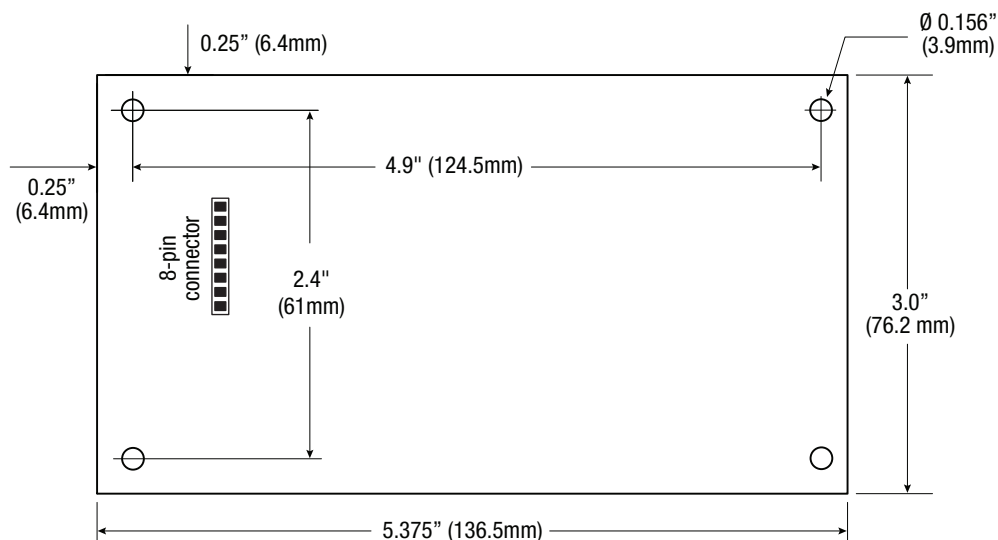
#### Relative Humidity BTU/Hr. (approx.):

5VDC: 24 BTU/Hr.  
12VDC: 61 BTU/Hr.

### Dimensions and Drawing

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

5.375" x 3" x 1" (136.5mm x 76.2mm x 25.4mm)  
Mounting Holes' Tolerance: +/- 0.04 in. (1mm)



### Lifetime Warranty

**VR10-Compatible Sub-Assemblies**

PDS8(CB) and ACMS8(CB) are designed to piggyback onto the VR10 making an instant plug-in connection via common standoffs to provide 12VDC and 24VDC simultaneously – individually selectable for each of the 8 outputs, or OFF position for servicing... all on one footprint!

Stackable mounting configuration saves valuable enclosure space.

Total output current should not exceed max current rating of power supply employed.

**PDS8 and PDS8CB - Dual Input Power Distribution Modules**

- Eight (8) selectable independently controlled outputs.
- Any of the eight (8) outputs are switch selectable to follow power input 1 or input 2.

PDS8 - fuse protected outputs rated @ 3A.

PDS8CB - PTC protected outputs rated @ 2A.

**PDS16 and PDS16CB - Dual Input Power Distribution Modules**

- Sixteen (16) selectable independently controlled outputs.
- Any of the sixteen (16) outputs are switch selectable to follow power input 1 or input 2.

PDS16 - fuse protected outputs rated @ 3A.

PDS16CB - PTC protected outputs rated @ 2A.

**ACMS8 and ACMS8CB - Multi-Output Access Power Controllers**

- Eight (8) individually controlled trigger inputs.
- Eight (8) selectable independently controlled outputs.
- Any of the eight (8) outputs are switch selectable to follow power input 1 or input 2.

ACMS8 - fuse protected outputs rated @ 2.5A.

ACMS8CB - PTC protected outputs rated @ 2A.

**ACMS12 and ACMS12CB - Multi-Output Access Power Controllers**

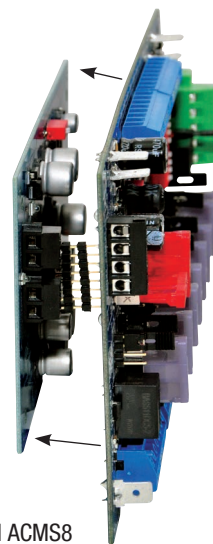
- Twelve (12) individually controlled trigger inputs.
- Twelve (12) selectable independently controlled outputs.
- Any of the twelve (12) outputs are switch selectable to follow power input 1 or input 2.

ACMS12 - fuse protected outputs rated @ 2.5A.

ACMS12CB - PTC protected outputs rated @ 2A.



VR10 and PDS8



VR10 and ACMS8

**Lifetime Warranty**

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