

VR6

Voltage Regulator

Altronix VR6 Voltage Regulator converts a 24VDC input into a regulated 5VDC or 12VDC selectable output at up to 6A supply current. It reduces the cost of adding an additional power supply to achieve 24VDC and 12VDC or 5VDC simultaneously.



VR6

Specifications

Input/Output

Voltage Range 24VDC @ 1.75A = Output: 5VDC @ 6A
24VDC @ 3.5A = Output: 12VDC @ 6A

Output

5VDC or 12VDC regulated output
Output rating 6A max.
Surge suppression

Indicators (LED)

Input Indicates input voltage is present
Output Indicates normal operating condition

Agency Listings

UL/cUL:

UL 294 6th Edition: Access Control System Units

ULC-S319: Electronic Access Control Systems

Physical and Environmental

Dimensions (L x W x H)

5.375" x 3" x 1" (136.5mm x 76.2mm 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%

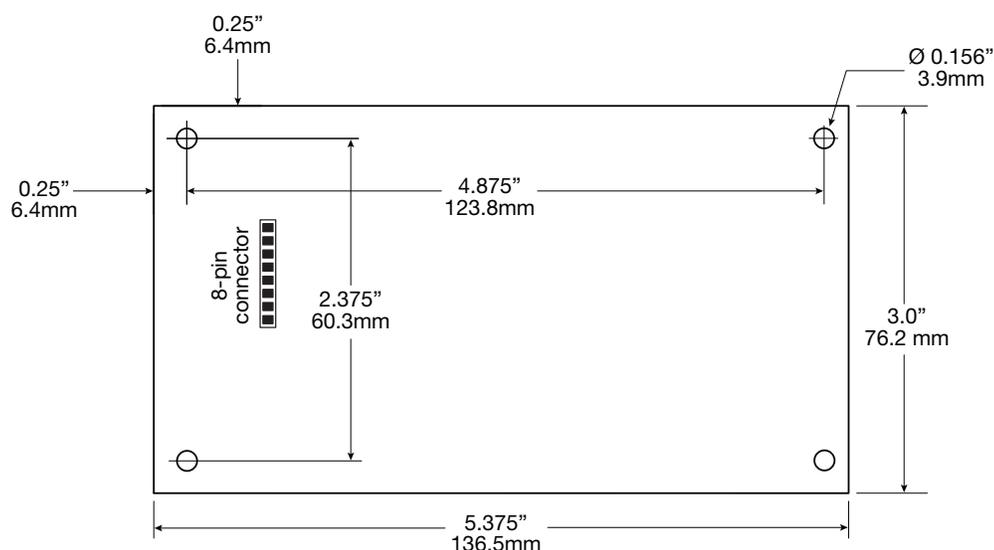
BTU/Hr (approx.):

5VDC: 15 BTU/Hr.

12VDC: 37 BTU/Hr.

Board Dimensions (L x W x H) and Drawing

5.375" x 3" x 1" (136.5mm x 76.2mm x 25.4mm)



Lifetime Warranty

VR6-Compatible Sub-Assemblies

PDS8(CB) and ACMS8(CB) are designed to piggyback onto the VR6 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.



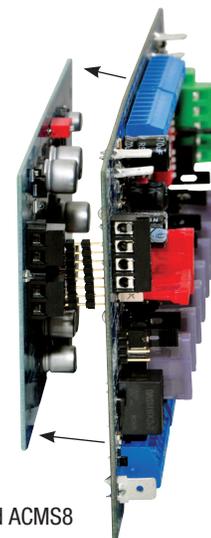
VR6 and PDS8

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.



VR6 and ACMS8

Lifetime Warranty