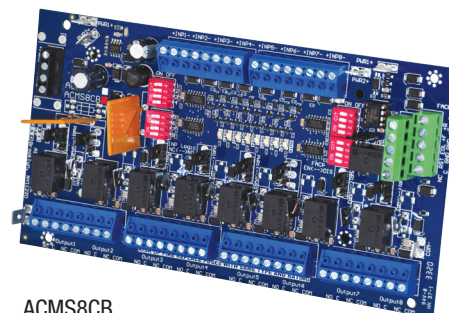


ACMS8 and ACMS8CB

Multi-Output Access Power Controllers

Altronix ACMS8/ACMS8CB are UL listed sub-assemblies designed to be used in Altronix wall and rack mount enclosures. Input power to ACMS8/ACMS8CB is to be derived from eFlow series power supplies. Dual input design allows power to be steered from two (2) independent low voltage 5 to 24 VDC power sources into eight (8) independently controlled fuse or PTC protected outputs. These power outputs can also be converted to dry form "C" contacts. Outputs are activated by an open collector sink, normally open (NO) or normally closed (NC) dry trigger input from an Access Control System, Card Reader, Keypad, Push Button, PIR, etc. ACMS8/ACMS8CB will route power to a variety of access control hardware devices including Mag Locks, Electric Strikes, Magnetic Door Holders, etc. Outputs will operate in both Fail-Safe and/or Fail-Secure modes. The FACP Interface enables Emergency Egress, Alarm Monitoring, or may be used to trigger other auxiliary devices.



ACMS8CB

Specifications

Input

Two (2) independent low voltage inputs.

Input1: 12 or 24VDC from eFlow series Altronix Power supply

Input 2: 12 or 24 VDC from eFlow series Altronix power supply or either 5 or 12 VDC from VR6 Regulator

Current:

ACMS8: 20A total input

Main Fuses Rating 15/32A

ACMS8CB: 16A total input

Main PTCs Rating 9A

Current Consumption: 0.6A @ 12V, 0.3A @ 24V with all relays energized

Trigger Inputs:

Eight (8) individually controlled trigger inputs:

- Normally open (NO) inputs
- Normally closed (NC) inputs
- Open collector sink inputs
- Wet Input (5VDC - 24VDC) with 10K resistor
- Any combination of the above

Outputs

ACMS8: Fuse protected outputs rated @ 2.5A per output, non power-limited. Total output 20A max.

ACMS8CB: PTC protected outputs rated @ 2A per output, Class 2 power-limited. Total output 16A max.

Do not exceed the individual power supply ratings

Eight (8) selectable 5VDC - 24VDC independently controlled outputs or eight (8) independently controlled Form "C" relay outputs:

- Fail-Safe and/or Fail-Secure power outputs
- Form "C" Relays. 28VAC or VDC @ 2.5A Rated
- Auxiliary power outputs (unswitched)
- Any combination of the above

Any of the eight (8) fuse 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:

ACMS8: Fuses are rated 3A/32V each

ACMS8CB: PTCs are rated 2.5A each

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

Fire Alarm Disconnect

Supervised

Latching or non-latching, individually selectable for any or all of the eight (8) outputs
10K Resistor

EOL

Indicators (LED)

Red LEDs

Outputs are triggered (relays energized).

Blue LED

FACP disconnect is triggered

Individual voltage LEDs

Green: 12VDC

Red: 24VDC

Features

- Spade connectors allow to daisy chain power to multiple ACMS8/ACMS8CB modules
This allows to distribute the power over more outputs for larger systems
- Unique stackable design via 8-pin connector allows for sub-assemblies to be mounted on the same footprint, saving valuable space

Agency Listings

UL/cUL:

UL 294 7th Edition: Access Control System Units

ULC-S319: Electronic Access Control Systems

Physical and Environmental

Dimensions (W x L x H)

Board: 7.65" x 4.125" x 1.25" (194.3mm x 104.8mm x 31.8mm)

Shipping: 10" x 8" x 4" (254mm x 203.2mm x 101.68mm)

Weight (approx.)

Product Weight: 0.7 lb. (0.32 kg)

Shipping Weight : 0.95 lb. (0.43 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

93% +/- 5%

BTU/Hr. (approx.):

4 BTU/Hr.

Mounting hardware is included

Lifetime Warranty

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ACMS8 and ACMS8CB

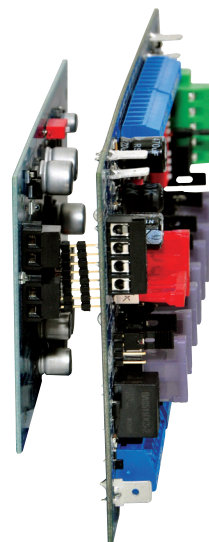
Multi-Output Access Power Controllers

ACMS8K1 and ACMS8CBK1

Altronix offers ACMS8(CB) kits which include a multi-output Access Power Controller and VR6 - Voltage Regulator, along with all necessary hardware.

Altronix VR6 & ACMS8(CB) easily snap together to provide 12VDC and 24VDC simultaneously – individually selectable over each of the 8 outputs... all on one footprint!

- VR6 reduces the cost of adding another power supply.
- ACMS8(CB) is designed to piggyback onto the VR6, making an instant plug-in connection via common standoffs.
- Stackable mounting configuration saves valuable enclosure space.

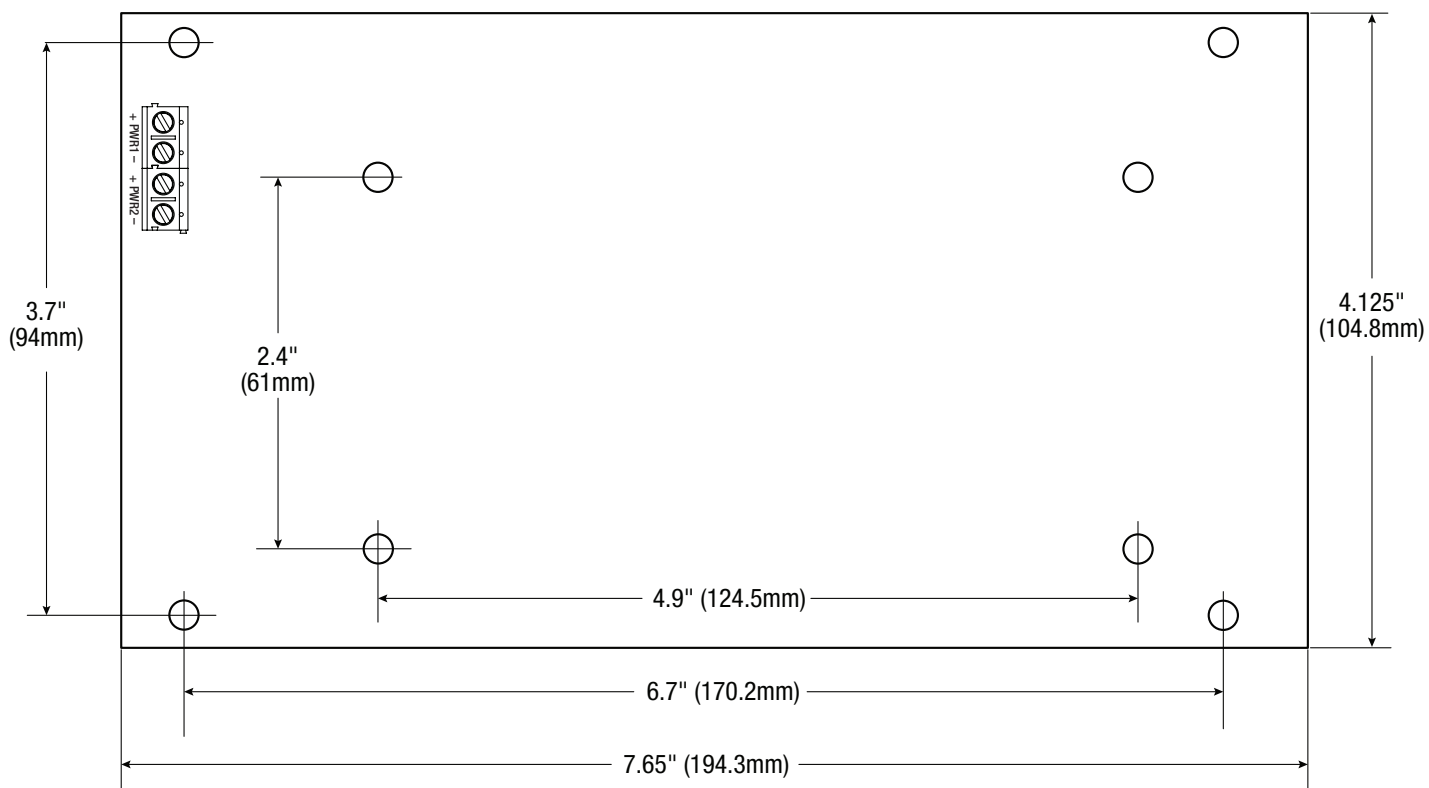


Dimensions and Drawing

Board Dimensions (L x W x H approximate)

7.65" x 4.125" x 1.25" (194.3mm x 104.8mm x 31.8mm)

Mounting Holes' Tolerance: +/- 0.04 in. (1mm)



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