

ACM4CBE

Multi-Output Access Power Controller

Altronix ACM4CBE converts one (1) 12 to 24 volt AC or DC input into four (4) independently controlled Class 2 rated PTC protected power-limited auto-resettable outputs rated at 2A each. Outputs are activated by an open collector sink or normally open (NO) dry trigger input from an Access Control System, Card Reader, Keypad, Push Button, PIR, etc. ACM4CBE 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.

Units are designed to be powered by one common power source which will provide power for both the board operation and locking devices, or two (2) totally independent power sources, one (1) providing power for board operation and the other for lock / accessory power. The FACP Interface enables Emergency Egress, Alarm Monitoring, or may be used to trigger other auxiliary devices. The fire alarm disconnect feature is individually selectable for any or all of the four (4) outputs.



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Specifications

Input

Voltage:

12 to 24 VAC or VDC operation (setting not required),
0.4A @ 12V, 0.2A @ 24V current consumption
with all relays energized

Main fuse is rated at 10A

Trigger Inputs:

Four (4) Access Control System trigger inputs:

- Four (4) normally open (NO) inputs
- Four (4) open collector sink inputs
- Any combination of the above

Input Options:

- One (1) common power input (board and lock power)
- Two (2) isolated power inputs (one (1) for board power and one (1) for lock/accessory power)

Outputs

Four (4) independently controlled Class 2 Rated
PTC protected power-limited auto-resettable 2A outputs:
a) Four (4) Fail-Safe and/or Fail-Secure power outputs
Four (4) auxiliary power outputs (unswitched)

Output Ratings:

Output PTCs are rated 2A each

Note:

Total output current is determined by the power supply,
not to exceed a maximum of 10A total

Indicators (LED)

Red LEDs
Green LED

Outputs are triggered (relays energized)
FACP disconnect is triggered

Agency Listings

UL:

UL294

Access Control

cUL:

General Signaling Equipment Evaluated
to CSA Standard C22.2 No.205-M1983

Physical and Environmental

Dimensions (H x W x D)

Enclosure:

8.5" x 7.5" x 3.5" (215.9mm x 190.5mm x 88.9mm)

Shipping:

13" x 10" x 7" (330.2mm x 254mm x 177.8mm)

Weights (approx.)

Product Weight: 3.4 lb. (1.55 kg)

Shipping Weight: 3.9 lb. (1.77 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.):

12VAC or VDC: 2 BTU/Hr.

24VAC or VDC: 3 BTU/Hr.

Lifetime Warranty