

ACM8



ACM8CBE

Overview

- These units convert one (1) 12 to 24 volt AC or DC input into eight (8) independently controlled fused or PTC protected outputs. These power outputs can be converted to dry form “C” contacts (ACM8 & ACM8E only). 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. The units 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 eight (8) outputs.

ACM8

- Access Power Controller w/fuse protected outputs.

ACM8CB

- Access Power Controller w/PTC protected outputs.

ACM8E

- ACM8 w/enclosure.

ACM8CBE

- ACM8CB w/enclosure.

Specifications

- 12 to 24volt AC or DC operation (setting not required), (.6 amp @ 12volt, .3 amp @ 24volt current consumption with all relays energized).
- Power supply input options:
 - a) One (1) common power input (board and lock power).
 - b) Two (2) isolated power inputs (one (1) for board power and one (1) for lock/accessory power).
- Eight (8) Access Control System trigger inputs:
 - a) Eight (8) normally open (NO) inputs.
 - b) Eight (8) open collector sink inputs.
 - c) Any combination of the above.
- Eight (8) independently controlled outputs:
 - a) Eight (8) Fail-Safe and/or Fail-Secure power outputs.
 - b) Eight (8) dry form “C” 5 amp rated relay outputs (ACM8/ACM8E only).
 - c) Any combination of the above (ACM8/ACM8E only).
- Eight (8) auxiliary power outputs (unswitched).
- Output ratings:
 - Fuses are rated 3.5 amp each (ACM8/ACM8E).
 - PTCs are rated 2.5 amp each (ACM8CB/ACM8CBE).
- Main fuse is rated at 10 amp.

Note: Total output current is determined by the power supply, not to exceed a maximum of 10 amp total.
- Red LEDs indicate outputs are triggered (relays energized).
- Fire Alarm disconnect (latching or non-latching) is individually selectable for any or all of the eight (8) outputs.

Fire Alarm disconnect input options:

 - a) Normally open (NO) or normally closed (NC) dry contact input.
 - b) Polarity reversal input from FACP signaling circuit.
- FACP output relay (form “C” contact rated @ 1 amp 28VDC not evaluated by UL).
- Green LED indicates when FACP disconnect is triggered.
- Removable terminal blocks facilitate ease of installation.
- Product weight:
 - ACM8E: 6.6 lbs.
 - ACM8CBE: 6.7 lbs.
- Shipping weight:
 - ACM8E: 7.5 lbs.
 - ACM8CBE: 7.6 lbs.

Agency Approvals



ACM8/ACM8CB:

UL Recognized Component.

ACM8E/ACM8CBE:



UL Listed for Access Control Systems Units (UL 294).



MEA - NYC Department of Buildings Approved.



CUL Listed - CSA Standard C22.2 No. 205-M1983 Signal Equipment.

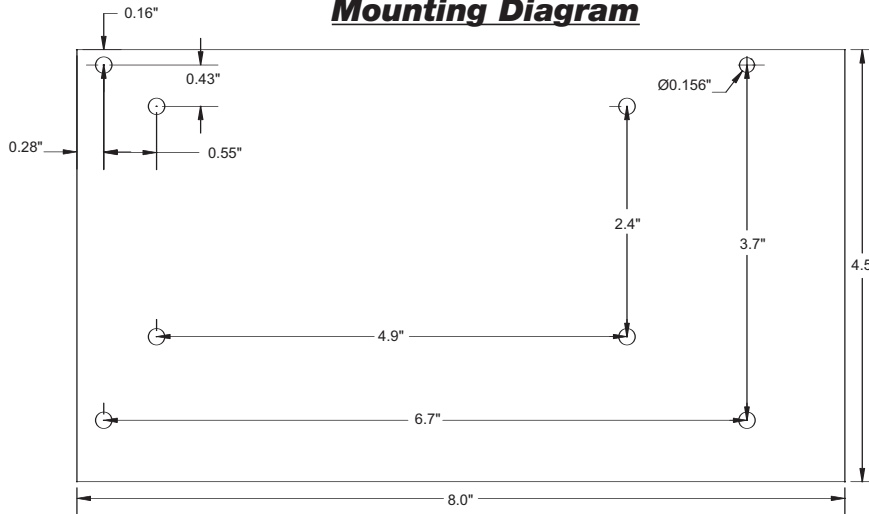


CSFM - California State Fire Marshal Approved.

Board Dimensions (approximate)

ACM8/ACM8CB: 8"L x 4.5"W x 1.25"H

Mounting Diagram



Enclosure Dimensions

15.5"H x 12"W x 4.5"D

