Altronix®

Rev. 10282026

ACM8CBE

Multi-Output Access Power Controller

ACM8CBE

Altronix ACM8CBE converts one (1) 12 to 24 volt AC or DC input into eight (8) independently controlled Class 2 rated PTC protected power-limited auto-resettable outputs rated at 2.0A 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. ACM8CBE 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.

This unit is 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.

Specifications

Input

Voltage:

12 to 24 VAC or VDC operation (setting not required), 0.6A @ 12V or 0.3A @ 24V current consumption with all relays energized

*AC applications not evaluated by UL

Input fuse is rated at 10A/250V

Trigger Inputs:

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

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)

Outputs

Eight (8) independently controlled Class 2 Rated PTC protected power-limited auto-resettable 2.0A outputs:

a) Eight (8) Fail-Safe and/or Fail-Secure power outputs

Eight (8) auxiliary power outputs (unswitched)

Output ratings:

Output PTCs are rated 2.5A each

Note:

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

Indicators (LED)

Red LEDs	Outputs are triggered (relays energized)
Green LED	FACP disconnect is triggered

Agency Listings

UL:	
UL294	Access Control
cUL:	General Signaling Equipment Evaluated to CSA Standard C22.2 No.205-M1983
CSFM	California State Fire Marshall Approved
CE	European Conformity

Physical and Environmental

Dimensions (H x W x D)

Enclosure:

15.5" x 12.23" x 4.5" (393.7mm x 310.6mm x 114.3mm)

Shipping:

16.5" x 13.5" x 6" (419.1mm x 342.9mm x 152.48mm)

Weight (approx.)

Product Weight:	8.35 lb. (3.8 kg).
Shipping Weight:	10.65 lb. (4.83 kg).

Temperature

Operating:	0ºC to 49ºC (32ºF to 120ºF)
Storage:	– 20ºC to 70ºC (– 4ºF to 158ºF)

Relative Humidity	20 to 85%, non-condensing
BTU/Hr. (approx.):	4 BTU/Hr.

Altronix Corporation | 140 58th St | Brooklyn, NY 11220 USA

phone: +1 718.567.8181 | fax: +1 718.567.9056 | email: info@altronix.com | www.altronix.com

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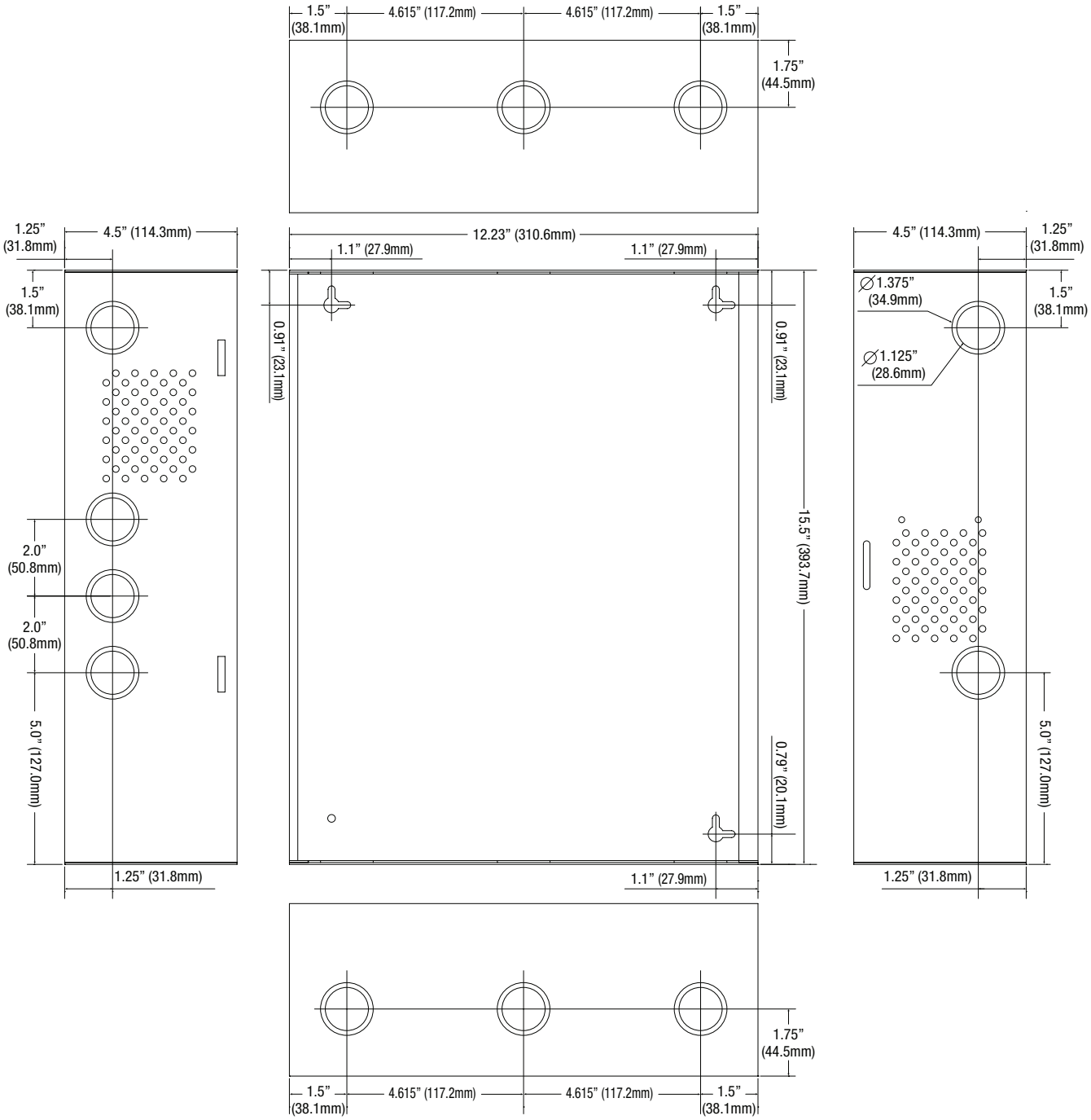
Dimensions and Drawing

Dimensions (H x W x D approximate)

15.5” x 12.23” x 4.5” (393.7mm x 310.6mm x 114.3mm)