



Altronix®

AL1012ULACMCB Power Supply/Chargers w/Multi-Output Access Power Controllers

Rev. DSAL1012ULACMCB_11062012

Overview



AL1012ULACMCB

AL1012ULACMCB converts a 115VAC 60Hz input into eight (8) independently controlled 12VDC Fail-Safe and/or Fail-Secure outputs with a total of 10 amp continuous supply current. 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. This unit will route power to a variety of access control hardware devices including Mag Locks, Electric Strikes, Magnetic Door Holders, etc. The outputs will operate in both Fail-Safe and/or Fail-Secure modes. This unit is designed to be powered by one common power source (factory installed) 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:

- One (1) common power input for ACM8/ACM8CB and lock power (factory installed).
- Two (2) isolated power inputs - One (1) to power the ACM8/ACM8CB and one (1) for lock accessory power, (external power supply is required). (Current is determined by the power supply connected, not to exceed a maximum of 10 amp total).
- Eight (8) normally open (NO) inputs.
- Eight (8) open collector inputs.
- Any combination of the above.

Output:

- Eight (8) Fail-Safe and/or Fail-Secure power outputs.
- Built-in power supply.

Features:

- Fire alarm disconnect feature is individually selectable for any or all of the eight (8) outputs.

Features (cont'd):

- Normally open (NO) or normally closed (NC) dry contact input.
- Polarity reversal input from FACP signaling circuit.
- Triggered fire alarm disconnect (not evaluated by UL).
- Fire alarm disconnect input.

Visual Indicators:

- Relays energized.
- Alarm indicator.
- Fire alarm disconnect indicator.

Battery Backup:

- Battery backup (AC failure condition).
- Charge current 0.7 amp.
- Backup (AC failure condition).
- Form "C" contact.

Electrical:

- Input voltage.
- Output voltage.
- Output current.

Mechanical:

- Dimensions.
- Accommodates up to two (2) 12AH batteries.
- Mounting.
- Weight.

Agency Approvals



UL Listed for Access Control Systems Units



CUL Listed - CSA Standard C22.2



Enclosure Dimensions (H x W x D) (approximate):

