Rev. 12132021



ACM Series

Altronix®

Power Supply/Chargers with Multi-Output Access Power Controllers

Altronix ACM series distribute and switch power to access control systems and accessories. They convert a 115VAC, 60Hz input into eight (8) independently controlled 12VDC or 24VDC fuse protected outputs. These power outputs can be converted to dry form "C" contacts. 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. 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. 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.



AL600ULACM

Key Features -

- Eight (8) independently controlled outputs.

Output options:

a) Eight (8) Fail-Safe and/or Fail-Secure power outputs;b) Eight (8) form "C" 5A rated relay outputs;c) Any combination of the above.

- Eight (8) auxiliary power outputs (unswitched).
- Output fuses are rated @ 3.5A.
- Filtered and electronically regulated outputs.
- Supervision:
- AC Fail
 - Battery Fail and Battery Presence.

- Fire Alarm disconnect (latching or non-latching) is individually selectable for any or all of the eight (8) outputs.
- Alarm output relay indicates that FACP input is triggered
- Fire Alarm disconnect input options:
 a) Normally open (NO) or normally closed (NC) dry contact input
 b) Polarity reversal input from FACP signaling circuit.
- Built-in charger for sealed lead acid or gel type batteries.
- Instantaneous transfer to stand-by batteries.
- UL Listed in the U.S. and Canada.
- Lifetime Warranty

ACM Series Power Supply Configuration Reference Chart

Altronix Model Number	115VAC 60Hz Input Current Draw	12VDC Total Output Current	24VDC Total Output Current	Class 2 Rated Power- Limited Outputs	Fused Outputs	Individual Output Rating	Power Supply Board Input Fuse Rating	Power Supply Board Battery Fuse Rating	Batteries Accommodated by Enclosure
AL400ULACM	3.5A	4A	ЗA	\checkmark	8	2.5A	5A/250V	15A/32V	Up to two (2) 12AH / 12VDC
AL400ULACMJ	5.0A								Up to two (2) 18AH / 12VDC
AL600ULACM	- 3.5A	6A	6A	_				_	Up to two (2) 12AH / 12VDC
AL600ULACMJ	5.0A								Up to two (2) 18AH / 12VDC
AL1012ULACM	2.6A	10A	_					15A/32V	Up to two (2) 12AH / 12VDC
AL1012ULACMJ									Up to two (2) 18AH / 12VDC
AL1024ULACM	4.2A	_	10A				6.3A/250V		Up to two (2) 12AH / 12VDC
AL1024ULACMJ									Up to two (2) 18AH / 12VDC



ACM Series -

Power Supply/Chargers with Multi-Output Access Power Controllers

Back-up Battery (not included)15.8° x 12° x 4.5° (393.7mm x 304.8mm x 114.3mm).Capacity12AH / 12VDC (1 or 2 within enclosure). 18AH / 12VDC (requires larger "J" enclosure). 40 AH / 65 AH (requires separate enclosure). 40 AH / 65 AH (requires separate enclosure).15.5° x 12° x 4.5° (393.7mm x 304.8mm x 114.3mm).TypeSealed lead acid or gel type.11.024ULACMJ; and AL1024ULACMJ; 14.5° x 4.625° (457.2mm x 368.3mm x 117.48mm).Fuse Rating15.6° x 32VDC AL600ULACMJ) does not have a battery fuse.NodelFailoverUpon AC loss, instantaneous.NodelFire Alarm Disconnect Latching or non-latching, individually selectable for any or all of the eight (8) outputs.10.7 lb. (4.85 kg)12 lb. (5.44 kg) 11.6 lb. (5.26 kg)Supervision AC FailureC° contacts (rated 1A @ 28VDC). Battery115VAC is present. DC Output115VAC is present. DC Output0°C to 49°C (32°F to 120°F). Storage20°C to 70°C (-4°F to 158°F). Relative Humidity 85% +/-5%.BatteryDischarged or not connected. RelaysIndividual LEDs indicate outputs are trionerd (relays energized)12VDC BTU/Hr. 24VDC BTU/Hr. 24VDC BTU/Hr. 24VDC BTU/Hr. 24VDC BTU/Hr.	 Specifications 	\$					
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Latching or non-latching, individually selectable for any or all of the eight (8) outputs.AL1012ULACM10.7 lb. (4.85 kg)12 lb. (5.44 kg)Supervision AC Failure BatteryForm "C" contacts (rated 1A @ 28VDC).14.1 lb. (6.40 kg)15 lb. (6.80 kg)AC Failure BatteryForm "C" contacts (rated 1A @ 28VDC).14.1 0/24ULACM11.75 lb. (5.33 kg)13.05 lb. (5.92 kg)Indicators (LED) Input115VAC is present.28VDC).Temperature Operating0°C to 49°C (32°F to 120°F). Storage-20°C to 70°C (-4°F to 158°F).Battery Discharged or not connected. Relays115VAC is present.Butive Humidity Individual LEDs indicate outputs are triggered (relays energized)85% +/-5%.Model L400ULACM(J)12VDC BTU/Hr. 24VDC BTU/Hr.24VDC BTU/Hr. 24VDC BTU/Hr.							
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DC OutputPowered.BTU/Hr. (approx.):BatteryDischarged or not connected.Model12VDC BTU/Hr.RelaysIndividual LEDs indicate outputs are triggered (relays energized)AL400ULACM(J)2537			Relative Humidity 85% +/-5%.				
BatteryDischarged or not connected.Model12VDC BTU/Hr.24VDC BTU/Hr.RelaysIndividual LEDs indicate outputs are triggered (relays energized)AL400ULACM(J)2537AL600ULACM(J)3774	•		BTU/Hr. (approx.):				
BatteryDischarged or not connected.RelaysIndividual LEDs indicate outputs are triggered (relays energized)			Model	12VDC BTU/Hr.	24VDC BTU/Hr.		
triggered (relays energized)	•	-					
	Relays		AL600ULACM(J)	37	74		
	EACD		AL1012ULACM(J)	61	N/A		
FACP Indicates FACP disconnect is triggered. AL10126U tom(b) 01 AL1024ULACM(J) N/A 123	FAUP	inducates FACE disconnect is triggered.	AL1024ULACM(J)	N/A	123		