

AL1024ULM

Access Power Distribution Module w/ Power Supply/Charger, 5 PTC Class 2 Outputs, 24VDC @ 10A, FAI, 115VAC, BC400 Enclosure

AL1024ULM multi-output access control power supply/charger is specifically designed for use with access control systems and accessories. This unit converts a 115VAC, 60Hz input into five (5) individually protected Class 2 Rated power limited 24VDC outputs. Each output will route power to a variety of access control hardware devices including Mag Locks, Electric Strikes, Magnetic Door Holders, etc. These outputs will operate in both Fail-Safe and Fail-Secure modes. Controlled trigger input is achieved through normally open (N.O.) or normally closed (N.C.) supervised input or the polarity reversal from an FACP (Fire Alarm Control Panel). A form "C" dry output relay enables HVAC Shutdown, Elevator Recall or it may be used to trigger auxiliary devices.

Specifications

Agency Listings

Dimensions & Weight

 Documentation

Input

- Input 115VAC, 60Hz, 4.2A.
- Input fuse rated @ 3.5A./250V.
- Fire Alarm Panel or Access Control System trigger inputs. N.O. or N.C. supervised trigger input and polarity reversal trigger input.

Output

- 24VDC outputs.
- 10A. supply current.
- Five (5) PTC protected Class 2 Rated power limited outputs, rated @ 2A (auto-resettable).
- Output relay energizes when unit is triggered (form "C" contact rated 1A. @ 28VDC).
- Filtered and electronically regulated output.
- Short circuit and thermal overload protection.

Battery Backup

- Built-in charger for sealed lead acid or gel type batteries.
- Automatic switch over to stand-by battery when AC fails.

Supervision

- AC fail supervision (form "C" contacts).
- Notification trigger is selectable for 30 seconds (factory set) or 6 hours.
- Low battery supervision (form "C" contacts).
- Battery presence supervision (form "C" contacts).
- Power fail supervision relay (form "C" contacts).

Visual Indicators

- AC input and DC output LED indicators (power supply board).
- Red LEDs indicate condition of power outputs (multi-output board).
- Power & input trigger LEDs (multi-output board).

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.): 123 BTU/Hr.
- System AC input VA requirement: 483VA.

 Compare

 Print (AL1024ULM/print)



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