

# AL300ULM

Access Power Distribution Module w/ Power Supply/Charger, 5 PTC Class 2 Outputs, 12/24VDC @ 2.5A, FAI, 115VAC, BC300 Enclosure



AL300ULM 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 12VDC or 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 may be used to trigger auxiliary devices.

## Specifications

### Input

- Input 115VAC / 60Hz, 3.5A.
- 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

- 12VDC or 24VDC selectable outputs.
- 2.5A supply current.

## Agency Listings

### UL Listed For:

Access Control System Units (UL294)  
 Power Supplies for use with Burglar Alarm Systems (UL603)  
 Hospital Signaling and Nurse Call Equipment (UL1069)  
 Power Supplies for Fire Protective Signaling Systems (UL1481)

### cUL Listed For:

CSA Standard C22.2 No.205-M1983, Signal Equipment

- Five (5) (auto-resettable) PTC protected outputs, rated @ 2A.
- 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 Charging

- Built-in charger for sealed lead acid or gel type batteries.
- Automatic switch over to stand-by battery when AC fails.
- Zero voltage drop when switching over to battery backup.
- *(Batteries are sold separately).*

### 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).

### Electrical

#### Temperature:

- Operating Temperature: 0° C to 49° C (32° F to 120° F).
- Storage Temperature: - 20° C to 70° C ( - 4° F to 158° F).
- Relative Humidity: 85% +/-5%.

#### BTU/Hr. (approx.):

- 12VDC: 15 BTU/Hr.
- 24VDC: 31 BTU/Hr.
- System AC input VA requirement: 402.5VA.

CSFM - California State Fire Marshal Approved

MEA - NYC Department of Buildings Approved

## Dimensions & Weight

### Enclosure:

Wall mount enclosure for indoor use.

Accommodates up to two (2) 12VDC/7AH Batteries.

Dimensions **13"W x 13.5"H x 3.25"D** (330 mm W x 343 mm H x 83 mm D).

1/2" and 3/4" combination knockouts.

### Weights (approximate):

Product Weight: **7.6 Lbs.** (3.447 kg).

Shipping Weight: **8.6 Lbs.** (3.9 kg).