

Overview



- These multi-output access control power supply/charger is specifically designed for use with access control systems and accessories. These units convert a 115VAC / 60Hz input into five (5) individually protected 12VDC or 24VDC outputs (see specifications). 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.

AL300ULM

- 12VDC or 24VDC @ 2.5 amp supply current.

AL300ULMR

- AL300ULM in red enclosure.

AL400ULM

- 12VDC @ 4 amp or 24VDC @ 3 amp supply current.

AL400ULMR

- AL400ULM in red enclosure.

AL600ULM

- 12VDC or 24VDC @ 6 amp supply current.

AL600ULMR

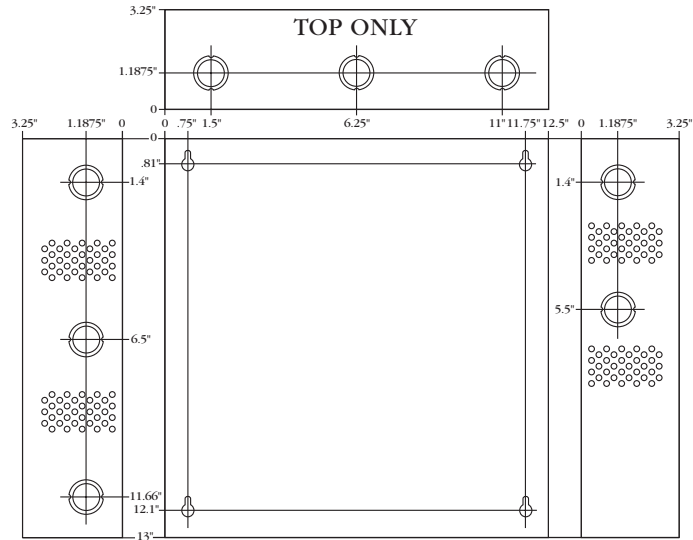
- AL600ULM in red enclosure.

Specifications

- 115VAC input at 60 Hz.
 - AL300ULM rated @ 1.45 amp.
 - AL400ULM rated @ 1.9 amp.
 - AL600ULM rated @ 2.5 amp.
- Fire Alarm Panel or Access Control System trigger inputs. N.O. or N.C. supervised trigger input and polarity reversal trigger input.
- Five (5) individual power limited outputs rated @ 2.5 amp.
- Class 2 Rated power limited outputs.
- Filtered and electronically regulated outputs.
- Thermal and short circuit protection with auto reset.
- Overload protection.
- Output relay energizes when unit is triggered (form “C” contact rated 1 amp @ 28VDC).
- Built-in charger for sealed lead acid or gel type batteries.
- Automatic switch over to stand-by battery when AC fails.
- AL300ULXB, AL400ULXB and AL600ULXB (Power Supply Board) maximum charge current .7 amp.
- Zero voltage drop when switching over to battery backup.
- Enclosure accommodates up to two (2) 12VDC/7AH batteries.
- DC output LED indicator.
- LEDs indicate condition of power outputs.
- Power & input trigger LEDs.
- AC fail supervision (form "C" contact).
- Low battery supervision (form "C" contact).
- Battery presence supervision (form “C” contact).
- Power fail supervision relay (form “C” contact rated 1 amp @ 28VDC).
- Power supply is complete with enclosure, cam lock, transformer and battery leads.

Enclosure Dimensions

13"H x 13.5"W x 3.25"D



Agency Approvals



UL Listed for Access Control Systems Units (UL 294).
UL Listed Standard for Power Supplies for Use with Burglar-Alarm System Units (UL 603).
UL Listed Hospital Signaling and Nurse Call Equipment (UL 1069).
UL Listed Standard for Safety for Fire Protective Signaling Systems (UL 1481).



CUL Listed - CSA Standard C22.2 No.205-M1983 Signal Equipment.



MEA - NYC Department of Buildings Approved



CSFM - California State Fire Marshal Approved