

Overview

**AL400ULM**

This 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 (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.

Specifications

- 12VDC or 24VDC selectable output.
- 12VDC @ 4 amp or 24VDC @ 3 amp supply current.
- Five (5) individual Class 2 Rated power limited outputs rated @ 2.5 amp.
- Current limit is 12VDC or 24VDC @ 2 amp per output.
- Input 115VAC / 60Hz, 1.45 amp.
- Input fuse rated @ 3.5 amp/250V.
- Fire Alarm Panel or Access Control System trigger inputs. N.O. or N.C. supervised trigger input and polarity reversal trigger input.
- Output relay energizes when unit is triggered (form "C" contact rated 1 amp @ 28VDC).
- Power fail supervision relay (form "C" contact rated 1 amp @ 28VDC).
- Filtered and electronically regulated output.
- Short circuit and thermal overload protection.
- Built-in charger for sealed lead acid or gel type batteries.
- Maximum charge current .7 amp.
- Automatic switch over to stand-by battery when AC fails (zero voltage drop).
- AC fail supervision (form "C" contacts).
- Low battery supervision (form "C" contacts).
- Battery presence supervision (form "C" contacts).
- 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).
- Enclosure:
 - Combination knockouts re 1/2" and 3/4"
 - Accommodates up to two (2) 12VDC/7AH batteries.

AL400ULM weights (approximate):

Product weight: 9.1 lbs.

Shipping weight: 10 lbs.

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.

Enclosure Dimensions

13.5"H x 13"W x 3.25"D

