

Overview



This 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 Class 2 Rated power limited 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

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| <ul style="list-style-type: none">• 24VDC outputs.• Access Control applications: 24VDC @ 10 amp, Fire Alarm applications: 24VDC @ 8 amp supply current with 10 amp during alarm.• Input 115VAC input at 60 Hz. rated @ 4.4 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 Class 2 Rated power limited outputs rated @ 2.5 amp.• Current limit is 24VDC @ 2 amp per output.• 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 (zero voltage drop).• Maximum charge current 3.6 amp. | <ul style="list-style-type: none">• Enclosure accommodates up to two (2) 12VDC/12AH 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:<ul style="list-style-type: none">- Combination knockouts re 1/2" and 3/4"- Accommodates up to two (2) 12VDC/7AH batteries. <p><i>AL1024ULM weights (approximate):</i>
Product weight: 11.4 lbs.
Shipping weight: 12.7 lbs.</p> |
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Agency Approvals



UL Listed for Access Control Systems Units (UL 294).

UL Listed Standard for Safety for Fire Protective Signaling Systems (UL 1481).



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



CSFM - California State Fire Marshal Approved.

15.5"H x 12"W x 4.5"D

