

## Overview



- These multi-output access control power supply/chargers are 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 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

- Grey enclosure.

### AL300ULMR

- Red enclosure.

## Specifications

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| <ul style="list-style-type: none"> <li>• 12VDC or 24VDC selectable output.</li> <li>• 2.5 amp supply current.</li> <li>• Five (5) individual Class 2 Rated power limited outputs rated @ 2.5 amp.</li> <li>• Current limit is 12VDC or 24VDC @ 2 amp per output.</li> <li>• Input 115VAC / 60Hz, 1.45 amp.</li> <li>• Input fuse rated @ 3.5 amp/250V.</li> <li>• Fire Alarm Panel or Access Control System trigger inputs. N.O. or N.C. supervised trigger input and polarity reversal trigger input.</li> <li>• Output relay energizes when unit is triggered (form “C” contact rated 1 amp @ 28VDC).</li> <li>• Power fail supervision relay (form “C” contact rated 1 amp @ 28VDC).</li> <li>• Filtered and electronically regulated output.</li> <li>• Short circuit and thermal overload protection.</li> <li>• Built-in charger for sealed lead acid or gel type batteries.</li> <li>• Maximum charge current .7 amp.</li> </ul> | <ul style="list-style-type: none"> <li>• Automatic switch over to stand-by battery when AC fails (zero voltage drop).</li> <li>• AC fail supervision (form "C" contacts).</li> <li>• Low battery supervision (form "C" contacts).</li> <li>• Battery presence supervision (form “C” contacts).</li> <li>• AC input and DC output LED indicators (power supply board).</li> <li>• Red LEDs indicate condition of power outputs (multi-output board).</li> <li>• Power &amp; input trigger LEDs (multi-output board).</li> <li>• Enclosure:                         <ul style="list-style-type: none"> <li>- Combination knockouts re 1/2” and 3/4”</li> <li>- Accommodates up to two (2) 12VDC/7AH batteries.</li> </ul> </li> <li>• Product weight:                         <ul style="list-style-type: none"> <li>- AL300ULM: 7.6 lbs.</li> <li>- AL300ULMR: 8.1 lbs.</li> </ul> </li> <li>• Shipping weight:                         <ul style="list-style-type: none"> <li>- AL300ULM: 8.6 lbs.</li> <li>- AL300ULMR: 9.1 lbs.</li> </ul> </li> </ul> |
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## 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

