



AL1024ULX

### **Overview**

AL1024ULX is a power supply/charger that converts a 115VAC, 60Hz input into a single 24VDC non power-limited output.

### **Specifications**

#### ***Input:***

- Input 115VAC, 60Hz, 4.2 amp.
- Input fuse rated @ 3.5 amp/250V.

#### ***Output:***

- 24VDC output.
- 10 amp of continuous supply current for Access Control applications.
- 8 amp of continuous supply current for Fire Alarm applications.
- Filtered and electronically regulated output.
- Short circuit and thermal overload protection.

#### ***Battery Backup:***

- Built-in charger for sealed lead acid or gel type batteries.
- Automatic switch over to stand-by battery when AC fails.
- Maximum charge current 3.6 amp.

#### ***Supervision:***

- AC fail supervision (form “C” contacts).
- Low battery supervision (form “C” contacts).
- Battery presence supervision (form “C” contacts).

#### ***Visual Indicators:***

- AC input and DC output LED indicators.

#### ***Electrical:***

- Operating temperature: 0° C to 49° C ambient.
- 122.84 BTU/Hr.
- System AC input VA requirement: 483VA.

#### ***Mechanical:***

- Enclosure Dimensions (H x W x D approx.): 15.5” x 12” x 4.5” (393.7mm x 304.8mm x 114.3mm)
  - Accommodates up to two (2) 12VDC/12AH batteries.
- Product weight (approx.): 10.1 lbs. (4.58 kg).
- Shipping weight (approx.): 11.4 lbs. (5.17 kg).

### **Agency Approvals**



UL 294 UL Listed for Access Control System Units.  
UL 1481 UL Listed Standard for Safety for Fire Protective Signaling Systems.



General Signaling Equipment  
Evaluated to CSA Standard C22.2  
No.205-M1983



MEA - NYC Department of Buildings Approved.



CSFM - California State Fire Marshal Approved.



FM - Factory Mutual Approved.

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