



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).
 - Notification trigger is selectable for 30 seconds (factory set) or 6 hours.
- 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.

Enclosure Dimensions (H x W x D approximate):
 15.5" x 12" x 4.5" (393.7mm x 304.8mm x 114.3mm)

