

**Altronix®****AL1024ULXB2****UL Recognized Power Supply/Charger**

Rev. DSAL1024ULXB2_03152013



AL1024ULXB2

Overview

AL1024ULXB2 is a UL Recognized power supply/charger that converts a 115VAC, 60Hz input into a single 24VDC non power-limited output.

Specifications

Agency Listings:

- UL Recognized component for Access Control System Units (UL 294), Power Supplies for Fire Protective Signaling Systems (UL 1481).

Input:

- Input 115VAC / 60Hz, 4.2 amp.

Output:

- 24VDC output.
- 8 amp continuous supply current with 10 amp supply current during alarm.
- Filtered and electronically regulated output.
- Short circuit and thermal overload protection.
- Maximum Ripple: 250mV P/P

Battery Backup:

- Built-in charger for sealed lead acid or gel type batteries.
- Maximum charge current 3.6 amp.

Battery Backup (cont'd):

- Automatic switch over to stand-by battery when AC fails.
- Zero voltage drop when switched over to battery backup.

Visual Indicators:

- AC input and DC output LED indicators.

Supervision:

- AC fail supervision (form "C" contacts).
- Low battery and battery presence supervision (form "C" contacts).

Electrical:

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

Mechanical:

- Product weight (approx.): 1.15 lbs. (0.52 kg).
- Shipping weight (approx.): 1.45 lbs. (0.66 kg).

Agency Approvals



UL Recognized component for Access Control System Units (UL 294)
Standard for Safety for Fire Protective Signaling Systems (UL 1481).

Board Dimensions (W x L x H) (approximate):

4.5" x 8.4" x 1.9" (114.427mm x 213.36mm x 49.657mm)

