AL300ULXB2
Power Supply/Charger

Rev. DSAL300ULXB2_12142012

AL300ULXB2

Overview

AL300ULXB2 is a power supply/charger that converts a 115VAC 50/60Hz input into a Class 2 Rated power limited 12VDC or 24VDC output

Specifications

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

Output:
- 12VDC or 24VDC selectable output.
  Burglar Alarm Applications (UL 603):
  12VDC = 10VDC-13.2VDC.
  24VDC = 20VDC-26.4VDC.
- 2.5 amp total supply current.
- 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 0.7 amp.

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

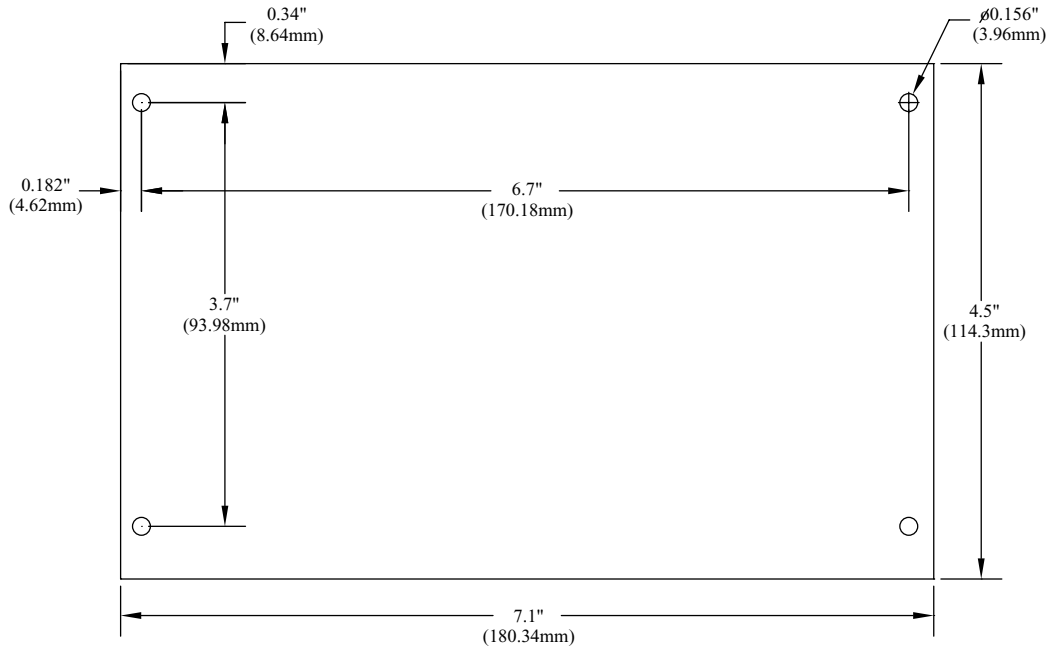
Visual Indicators:
- AC input, DC output and Battery LED indicators.

Electrical:
- Operating temperature: 0º C to 49º C ambient.
- BTU/Hr. :
  12VDC: 14.71 - 16.63 BTU/Hr.
  24VDC: 29.43 - 32.41 BTU/Hr.
- System AC input VA requirement: 402.5VA.

Mechanical:
- Board Dimensions (W x L x H, approx.):
  4.5” (114.3mm x 7.1” (180.34mm) x 1.44”(36.58mm)
- Product weight (approx.): 1.4 lbs. (0.64 kg).
- Shipping weight (approx.): 1.6 lbs. (0.73 kg).

Agency Approvals

UL Recognized component for Access Control System Units (UL 294),
Standard for Power Supplies for Use with Burglar-Alarm Systems (UL 603),
Hospital Signaling and Nurse Call Equipment (UL 1069),
Standard for Safety for Fire Protective Signaling Systems (UL 1481).

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

4.5” (114.3mm) x 7.1” (180.34mm) x 1.44” (36.57mm)