Altronix®

AL300ULXPD16CBR
Multi-Output Power Supply/Charger

Overview

AL300ULXPD16CBR

AL300ULXPD16CBR is a multi-output power supply/charger that converts a 115VAC/60Hz input into sixteen (16) Class 2 Rated 12VDC or 24VDC power-limited outputs.

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.
- 12VDC or 24VDC @ 2.5 amp supply current.
- Sixteen (16) Class 2 Rated PTC protected power-limited outputs.
- Outputs are rated @ 2.5 amp.
- Filtered and electronically regulated outputs.
- 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).
  - 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, 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:
- 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.): 10.3 lbs. (4.67 kg).
- Shipping weight (approx.): 11.6 lbs. (5.26 kg).

Agency Approvals

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

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

Enclosure Dimensions *(H x W x D approximate)*:

15.5" x 12" x 4.5" (393.7mm x 304.8mm x 114.3mm)