AL175UL
Two (2) Output Switching Power Supply/Charger

Rev. DSAL175UL - 10192012



AL175UL

Overview

AL175UL is a two (2) output Switching Power Supply/Charger that converts a 115VAC 60Hz input into two (2) individually PTC protected 12VDC or 24VDC outputs.

Specifications

Input:
- Input 115VAC, 60Hz, 0.6 amp.
- Access control trigger input.

Output:
- 12VDC or 24VDC selectable outputs.
- 1.75 amp supply current.
- Two (2) Class 2 Rated power-limited outputs.
  - Fail-Safe/Fail-Secure lock output (switched).
  - Auxiliary power output (unswitched).
- PTC protected outputs, rated @ 2.5 amp.
- 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.

Battery Backup *(cont'd)*:
- Maximum charge current 0.4 amp.

Supervision:
- AC fail supervision (form "C" contacts).
- Supervised Fire Alarm Disconnect (Latching w/reset or Non-Latching).

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

Electrical:
- Operating temperature: 0º C to 49º C ambient.
- 10.75-21.5 BTU/Hr.
- System AC input VA requirement: 69VA.

Mechanical:
- Enclosure Dimensions (H x W x D approx.): 8.5" x 7.5" x 3.5" (215.9mm x 190.5mm x 88.9mm).
- Product weight (approx.): 5.1 lbs. (2.31 kg).
- Shipping weight (approx.): 5.6 lbs. (2.54 kg).

Agency Approvals

UL 294 — UL Listed for Access Control System Units.

CUL Listed - CSA Standard C22.2 No.205-M1983, Signal Equipment.

MEA - NYC Department of Buildings Approved.

CSFM - California State Fire Marshal Approved.

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

8.5” x 7.5” x 3.5” (215.9mm x 190.5mm x 88.9mm)

