AL175ULX
Two (2) Output Switching Power Supply/Charger

Rev. DSAL175ULX - 10192012



AL175ULX

Overview

AL175ULX 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.
- 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.): 13.5” x 13” x 3.25” (342.9mm x 330.2mm x 82.55mm)
  - Accommodates up to two (2) 12VDC/7AH batteries.
- Product weight (approx.): 8.4 lbs. (3.81 kg).
- Shipping weight (approx.): 9.4 lbs. (4.26 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.

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