



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: 0° C to 49° 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” (215.9mm) x 7.5” (190.5mm) x 3.5” (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.

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