



AL125UL

Two (2) Output Switching Power Supply/Charger

Rev. DSAL125UL - 11072012



AL125UL

Overview

AL125UL is a Two (2) Output Switching Power Supply/Charger that converts a 115VAC 50/60Hz input, into two (2) individually PTC protected 12VDC or 24VDC outputs.

Specifications

Input:

- Input 115VAC, 50/60Hz, 0.6 amp.
- Access control trigger input.

Output:

- 12VDC or 24VDC selectable outputs.
- 1 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 power and unit status indicator on the front panel.

Electrical:

- Operating temperature: 0° C to 49° C ambient.
- 6.14 or 12.28 BTU/Hr.
- System AC input VA requirement: 55.2VA.

Mechanical:

- Enclosure Dimensions (H x W x D approx.):
 - 8.5" (215.9mm) x 7.5" (190.5mm) x 3.5" (88.9mm).
 - Accommodates up to two (2) 12VDC/4AH batteries or one (1) 12VDC/7AH battery.
- Product weight (approx.): 5.1 lbs. (2.31 kg).
- Shipping weight (approx.): 5.6 lbs. (2.54 kg).

Agency Approvals



UL Listed for Access Control System Units (UL 294).



CUL Listed - CSA Standard C22.2 No.1-98, Audio, Video and Similar Equipment.

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

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