# AL802ULADA
# NAC Power Extenders

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 03/29/16

AL802ULADA

## Overview

AL802ULADA are extremely cost effective volta
Power Extenders. They may be connected to any 2
Panel (FACP). Primary applications include Noti
(NAC) expansion (supports ADA requirements) and
to support system accessories.

## Specifications

### Input:
- Power input 120VAC 60 Hz, 5 amp.
- Two (2) Class A, Style Z or two (2) Class B, Style W, X, Y FACP inputs.
- Two (2) NC dry contact trigger inputs.

### Output:
- Class 2 Rated power-limited outputs.
- 24VDC @ 8 amp max total alarm current.
- 2.5 amp max current per output.
- Separate 1.0 amp auxiliary output.
- Programmable supervised indicating circuit outputs: Four (4) Class B, Style W, X, Y or Two (2) Class A, Style Z or One (1) Class A, Style Z and Two (2) Class B, Style W, X, Y.
- Thermal and short circuit protection with auto reset.

### Battery Backup:
- Built-in charger for sealed lead acid or gel type batteries.
- Automatic switchover to stand-by battery when AC Fails.
- Zero voltage drop when switching over to battery backup.

### Supervision:
- AC fail supervision (form "C" contact, 1 amp / 28VDC). Factory set for 30 seconds with optional 2.5 to 3 hour delay setting (field selectable).
- Instant local AC trouble reporting relay (form "C" contact, 1 amp / 28VDC).
- Battery presence and low battery supervision (form "C" contact, 1 amp / 28VDC).

### Visual Indicators:
- Input and output status LED indicators.

### Special Features:
- 2-wire horn/strobe Sync mode allows audible notification appliances (horns) to be silenced while visual notification appliances (strobes) continue to operate.
- Sync protocols include Potter/Amseco, Faraday, Gentex®, System Sensor®, and CooperWheelock®.
- Temporal Code 3, Steady Mode, Input to Output Follower Mode (maintains synchronization of notification appliances circuit).
- Compatible with 12VDC or 24VDC fire panels.
- Output loop supervision steered to input 1 or input 2.
- Signal circuit trouble memory (helps identify intermittent loop problems).
- Common trouble input and output.
- Ground fault detection.
- Unit includes power supply, red enclosure, cam lock, and battery leads.

### Mechanical:
- Enclosure Dimensions (H x W x D approx.): 15.5" x 12" x 4.5" (393.7mm x 304.8mm x 114.3mm)
- Product weight (approx.): 12 lbs. (5.44 kg).
- Shipping weight (approx.): 13.3 lbs. (6.03 kg).

## Agency Approvals

UL Listed Control Units and Accessories for Fire Alarm Systems (UL 864) Ninth Edition

MEA Approved — NYC Department of Buildings Approved.

California State Fire Marshal Approved.

FM APPROVED — Factory Mutual Approved.

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

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