

AL1002ULADAJ

NAC Power Extender

Altronix AL1002ULADAJ is an extremely cost effective voltage regulated remote NAC Power Extender. It may be connected to any 24 volt Fire Alarm Control Panel (FACP). Primary applications include Notification Appliance Circuit (NAC) expansion (supports ADA requirements) and providing auxiliary power to support system accessories.



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Specifications

Input

Voltage 120VAC, 60Hz, 5A
Two (2) Class A or two (2) Class B inputs
Two (2) NC dry contact trigger inputs

Input Ratings (INP1 and INP2):

8-30VDC 6.5mA max from FACP
12V 6.5mA, 24V 6.5mA from FACP

Output

Voltage 24VDC power-limited outputs
Current 10A max. total alarm current
2.5A max. current per output
Auxiliary 1A
Other Thermal and short circuit protection with auto reset
Filtered and regulated outputs

Programmable Supervised Indicating Circuit Outputs:

Four (4) Class B, or Two (2) Class A, or One (1) Class A and Two (2) Class B

Battery Charging

Type Sealed lead acid or gel type
Failover Upon AC loss, instantaneous
Batteries are sold separately

Supervision

AC Failure Form "C" contacts
Battery Form "C" contacts

Indicators (LED)

AC Power (Green) Input voltage is present
DC Output (Red) Powered
Logic Board (Red and Green) Output status

Agency Listings

UL UL864 (Control Units and Accessories for Fire Systems)
MEA NYC Department of Buildings Approved
FM Factory Mutual Approved
CSFM California State Fire Marshal Approved

Special Features

- 2-wire horn/strobe Sync mode allows audible notification appliances (horns) and visual notification appliances (strobes) to be silenced/deactivated at the same time
- Sync protocols include Potter/Amseco, 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 for external trouble signals tie-in
- Ground fault detection.

Physical and Environmental

Dimensions (H x W x D)

Enclosure: 18" x 14.5" x 4.625" (457.2mm x 368.3mm x 117.5mm)
Shipping: 21.75" x 18.25" x 5.75" (552.5mm x 463.6mm x 146.1mm)

Enclosure accommodates up to two (2) 12VDC/18AH batteries

Weight (approx.)

Product: 16.85 lb. (7.64 kg)
Shipping: 19.2 lb. (8.7 kg)

Temperature

Operating: 0°C to 49°C (32°F to 120°F)
Storage: - 20°C to 70°C (- 4°F to 158°F)

Relative Humidity 85% +/- 5%

BTU/Hr. (approx.): 49 BTU/Hr.

Lifetime Warranty

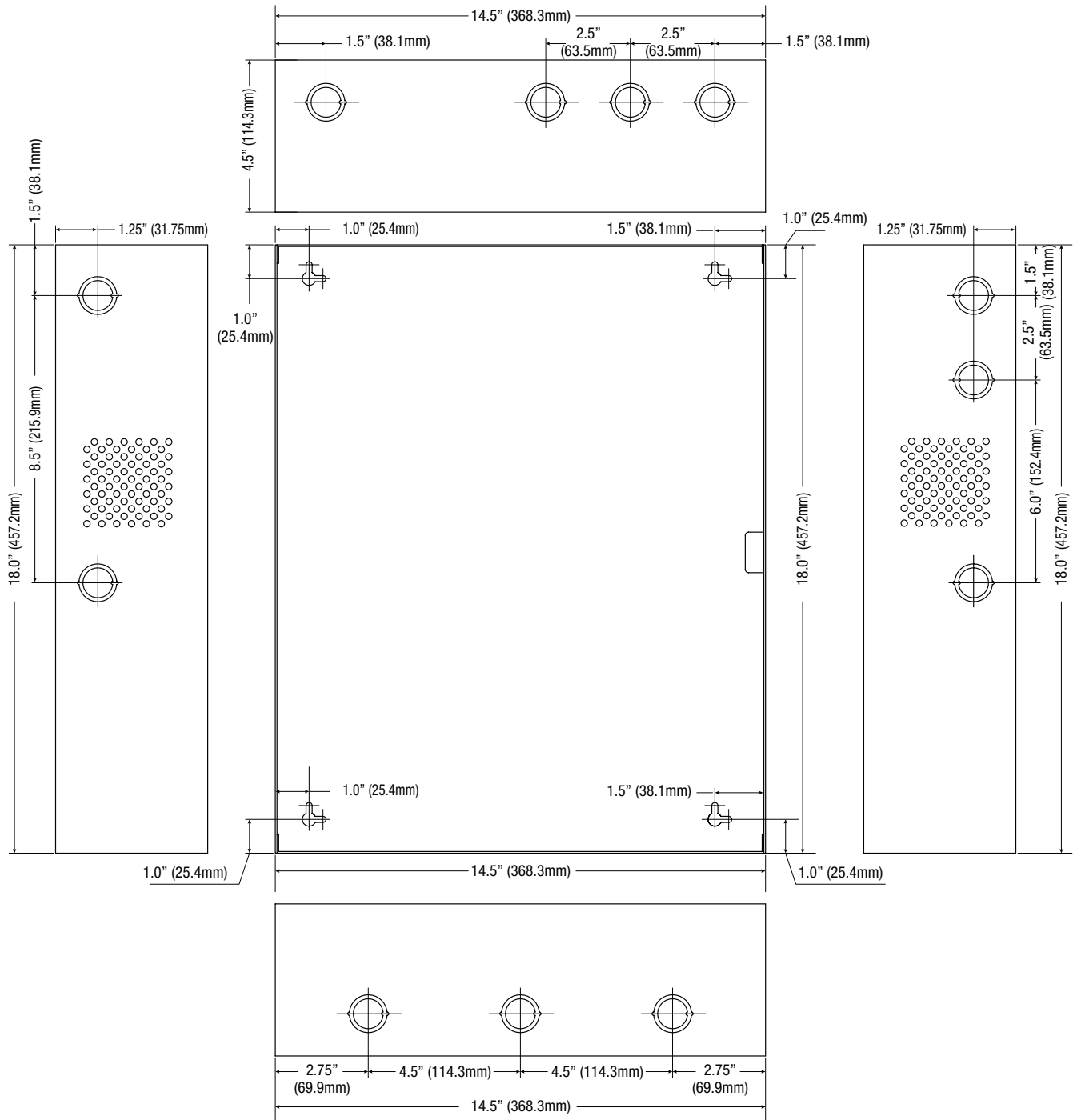
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Dimensions and Drawing

Dimensions (H x W x D approximate)

18" x 14.5" x 4.625" (457.2mm x 368.3mm x 117.5mm)



Lifetime Warranty

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