

# AL602ULADAJ

## NAC Power Extender

Altronix AL602ULADAJ 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, 4A  
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 6.5A 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 Weight 16.65 lb. (7.55 kg)  
Shipping Weight 18.9 lb. (8.57 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%

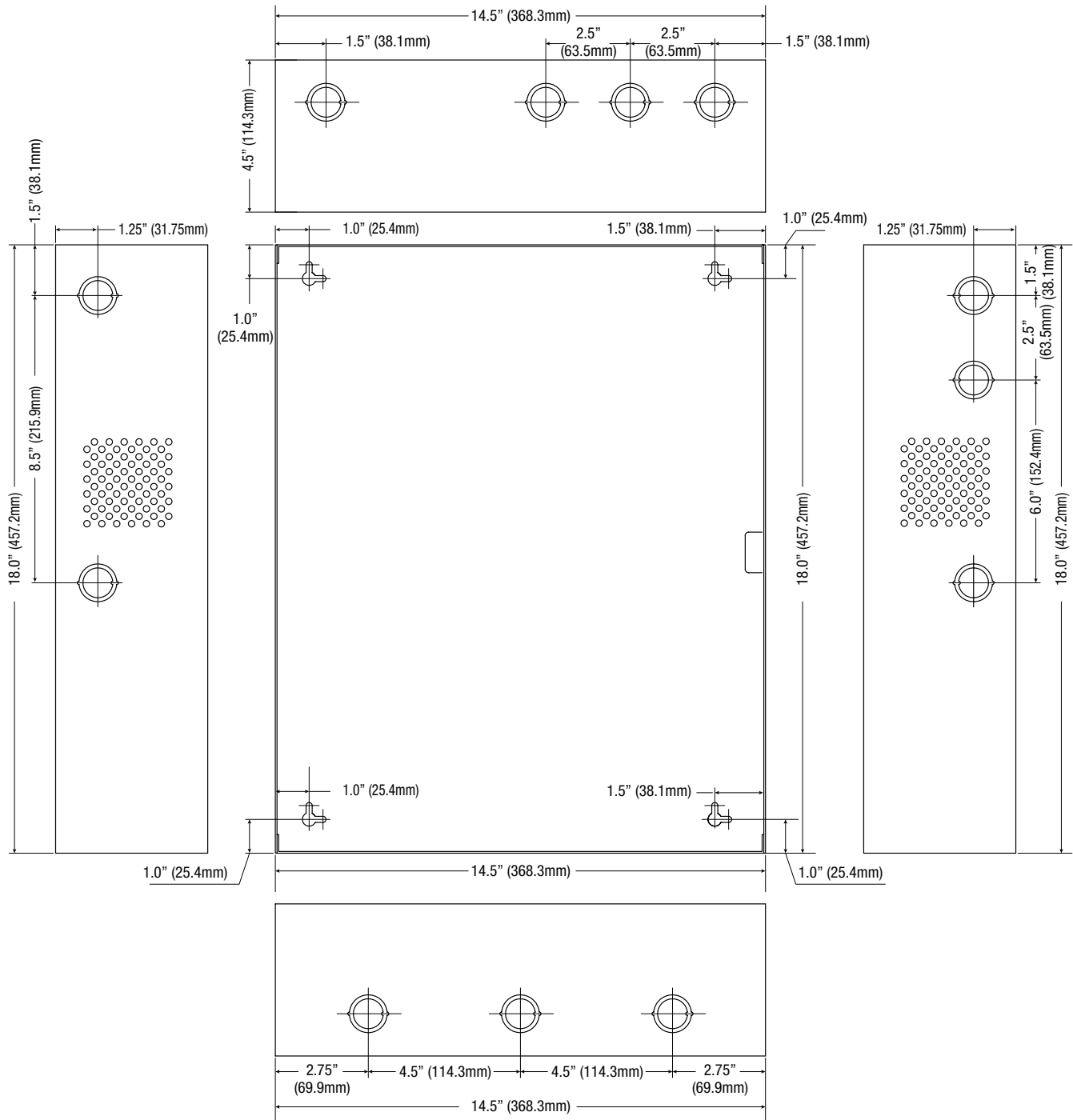
BTU/Hr (approx.) 31 BTU/Hr.

#### Lifetime Warranty

### 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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