

eFlow104NB

Power Supply/Charger Board



Altronix eFlow104NB UL Listed Sub-Assembly power supply/charger converts a 120VAC, 60Hz input into a single 24VDC output. It also offers a suite of features that includes fire alarm disconnect, overvoltage protection, and low power disconnect which prevents deep discharge of stand-by batteries.



eFlow104NB

Specifications

Input

Voltage 120VAC, 60Hz, 4.5A max.

Input Fuse 6.3A/250V

Removable AC input terminal block to facilitate installation and wiring.

Outputs

Voltage 24VDC

Current 10A continuous max.

Auxiliary Power-limited @ 1A (unswitched)

Other Overvoltage protection
Filtered and regulated

Battery Charging

Type Sealed lead acid or gel type

Battery Fuse 15A/32V

Failover Upon AC loss, instantaneous

Batteries are sold separately

Fire Alarm Disconnect

Supervised Latching or non-latching

EOL 10K Resistor

Supervision

AC Failure Form "C" contacts

Battery Form "C" contacts

Low DC Power Shutdown

Shuts down DC output terminals if battery voltage drops below 70-75% for 24V units (depending on the power supply)
Prevents deep battery discharge

Indicators (LED)

Input 120VAC is present

DC Output Powered

Agency Listings

UL:

UL294 Access Control System Units

UL603 Power Supplies for Use with Burglar-Alarms Systems

UL1481 Power Supplies for Fire Protective Signaling Systems

cUL:

ULC-S318-96 Burglar Alarm

ULC-S319-05 Access Control

CSA C22.2

No.205 Signal Equipment

Physical and Environmental

Dimensions (L x W x H)

Board: 8.25" x 4.56" x 1.5" (209.5mm x 115.8mm x 38.1mm)

Shipping: 10" x 8" x 4" (254mm x 203.2mm x 101.6mm)

Weight (approx.)

Product Weight: 1.1 lb. (0.5 kg)

Shipping Weight: 1.25 lb. (0.57 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.) 123 BTU/Hr.

Lifetime Warranty

Altronix Corporation | 140 58th St | Brooklyn, NY 11220 USA

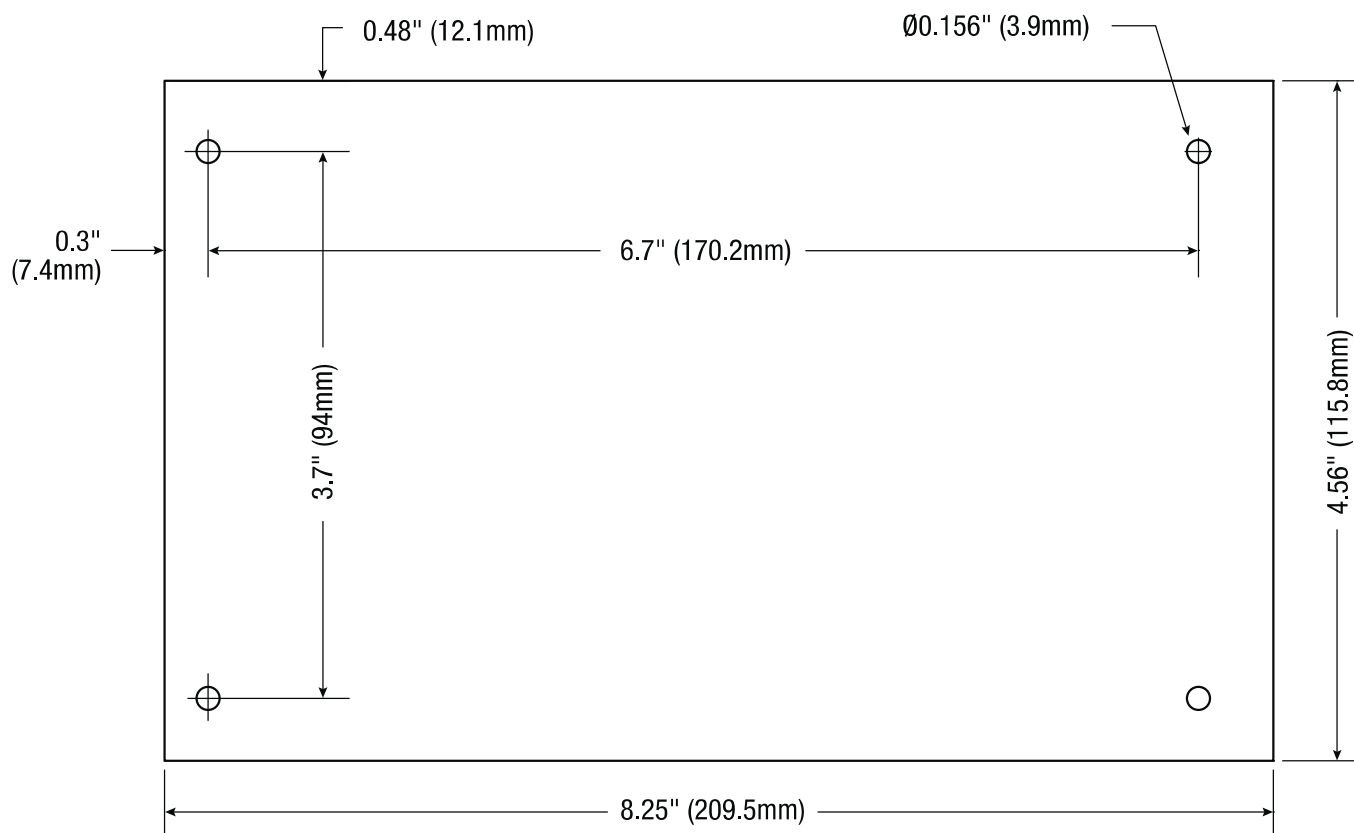
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Dimensions and Drawing

Board Dimensions (L x W x H approximate)

8.25" x 4.56" x 1.5" (209.5mm x 115.8mm x 38.1mm)

Mounting Holes' Tolerance: +/- 0.04 in. (1mm)

**Accessories (order separately)****LINQ2 - Network Supervision**

Altronix LINQ2 Network Communication Module provides remote supervision, control and monitoring over LAN/WAN

- Remotely reports accurate power diagnostics
- Controls power and resets devices
- Reports system diagnostics via Email

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