

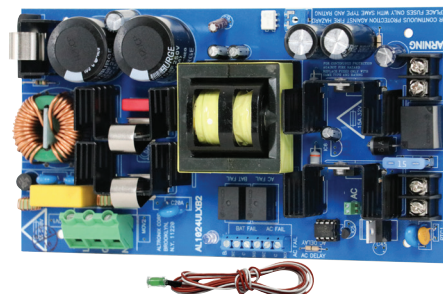
## AL1024RLB

### Power Supply/Charger Board with LED Cable Assembly

Ordering# AL1024RLB

Kit Contents: AL1024ULXB2 with LED Cable Assembly

Altronix AL1024RLB power supply/charger converts 115VAC, 60Hz input into a single 24VDC non power-limited output. It also offers a suite of features that includes AC fail supervision, battery presence, and low battery supervision. Includes LED cable assembly and LED lens.



AL1024RLB

### Specifications

#### Input

Voltage	115VAC 60Hz, 4.2A max.
Input Fuse	5A/250V

#### Output

Voltage	24VDC (UL 1481)
Current	8A continuous supply current with 10A supply current during alarm (UL 1481) 24VDC @ 10A (UL 294)
Other	Short circuit and thermal overload protection Filtered and regulated

#### Battery Charging

Type	Sealed lead acid or gel type
Fuse Rating	15A/32V
Failover	Upon AC loss, instantaneous
Batteries are sold separately	

#### Supervision

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

#### Indicators (LED)

Input	115VAC is present
DC Output	Powered
Battery	Discharged or not connected

### Agency Listings (AL1024ULXB2)

#### UL:

UL294	Access Control System Units
UL 603	Burglar Alarm
UL1481	Power Supplies for Fire Protective Signaling Systems

#### cUL:

Signal Equipment CSA C22.2 No.205-M1983

### Physical and Environmental

#### Dimensions (L x W x H)

Board: 8.3" x 4.5" x 1.9" (210.8mm x 114.4mm x 49.7mm)  
Shipping: 10" x 8" x 4" (254mm x 203.2mm x 101.6mm)

#### Weight (approx.)

Product Weight:	1.15 lb. (0.52 kg)
Shipping Weight:	1.45 lb. (0.66 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

phone: +1 718.567.8181 | fax: +1 718.567.9056 | email: info@altronix.com | www.altronix.com

## AL1024RLB

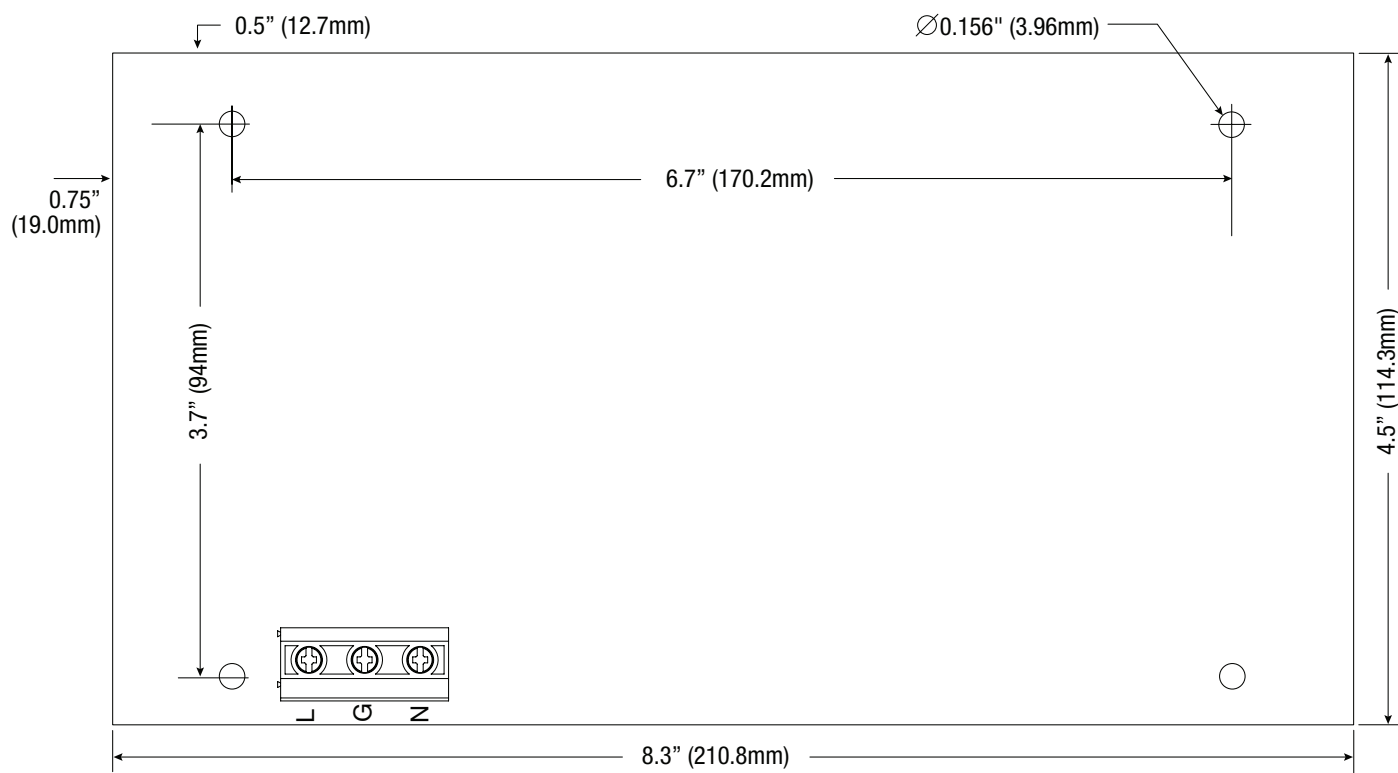
Power Supply/Charger Board with LED Cable Assembly

### Dimensions and Drawing

Board Dimensions (L x W x H approximate)

8.3" x 4.5" x 1.9" (210.8mm x 114.4mm x 49.7mm)

Mounting Holes' Tolerance:  $\pm 0.04$  in. (1mm)



### Lifetime Warranty

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

phone: +1 718.567.8181 | fax: +1 718.567.9056 | email: [info@altronix.com](mailto:info@altronix.com) | [www.altronix.com](http://www.altronix.com)