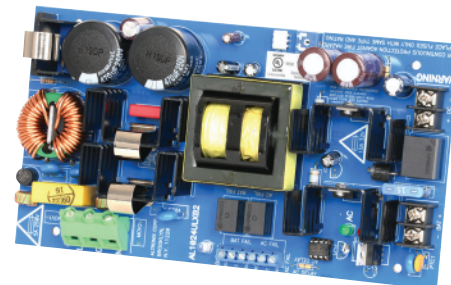


AL1024ULXB2

Power Supply/Charger Board

Altronix AL1024ULXB2 UL Listed Sub-Assembly 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.



AL1024ULXB2

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

Agency Listings

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



AL1024ULXB2

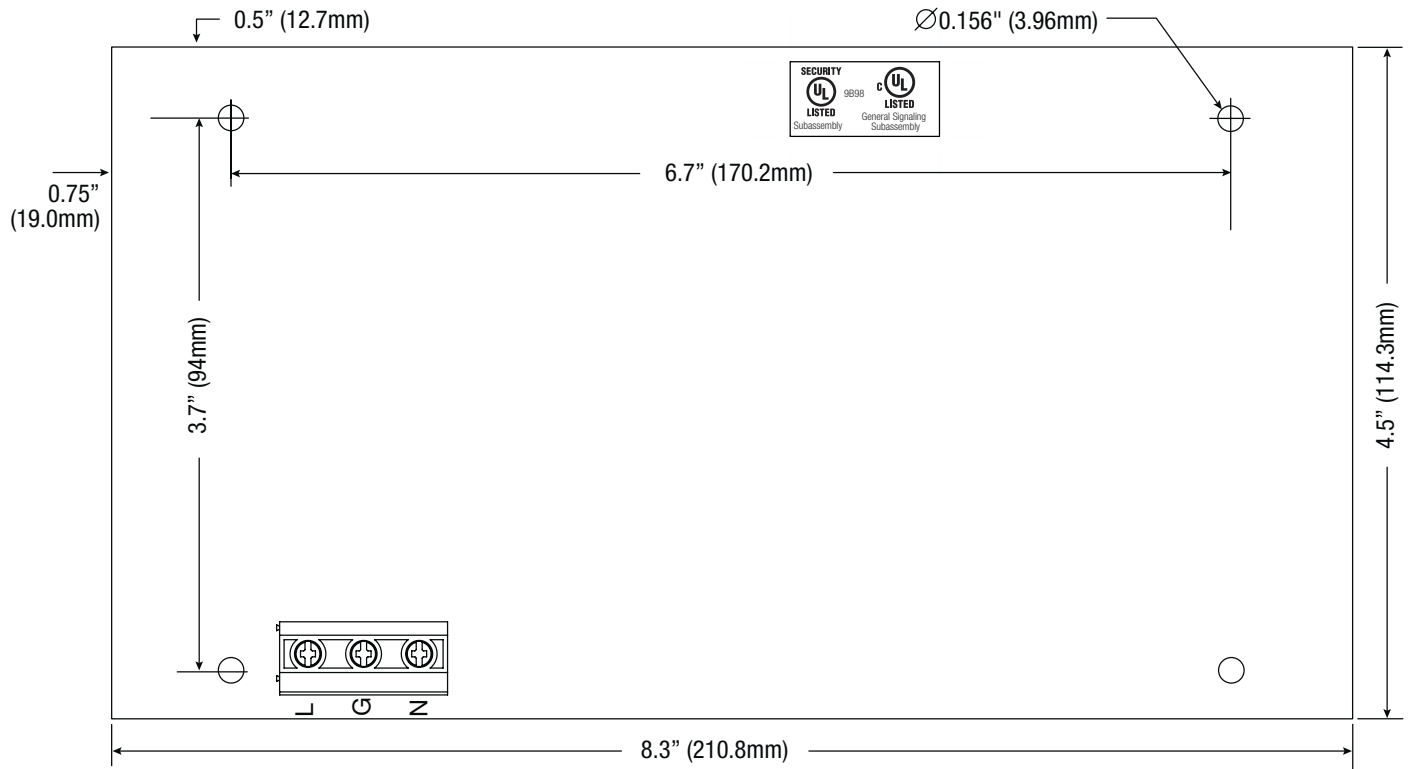
Power Supply/Charger Board

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: +/- 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 | www.altronix.com