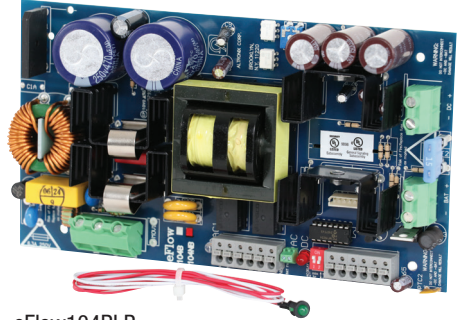# Altronix®

eFlow104RLB

Power Supply/Charger Board with LED Cable Assembly

Ordering# eFlow104RLB
Kit Contents: eFlow104NB with LED Cable Assembly

Altronix eFlow104RLB 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. Includes LED cable assembly and LED lens.

eFlow104RLB

Specifications

Input

Voltage	120VAC, 60Hz, 4.5A max.
Input Fuse	6.3A/250V

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
Fuse Rating	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 (eFlow104NB)

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:	0ºC to 49ºC (32ºF to 120ºF)
Storage:	– 20ºC to 70ºC (– 4ºF to 158ºF)

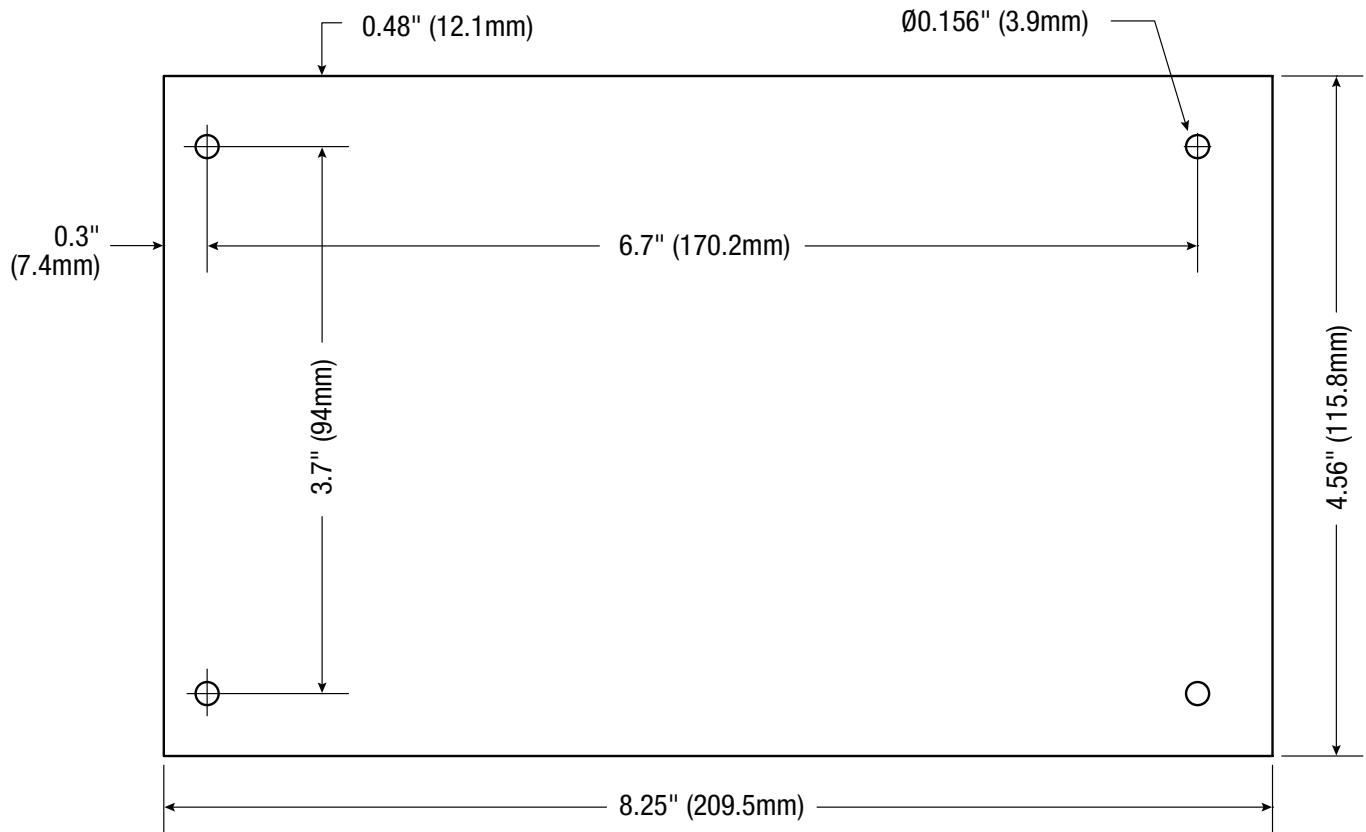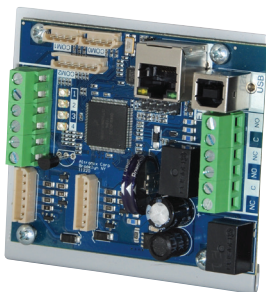|	
Relative Humidity	85% +/– 5%
BTU/Hr (approx.)	123 BTU/Hr.

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)

0.48" (12.1mm)
Ø0.156" (3.9mm)
0.3" (7.4mm)
6.7" (170.2mm)
3.7" (94mm)
4.56" (115.8mm)
8.25" (209.5mm)

Accessories (order separately)

LINQ2

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

LINQ
TECHNOLOGY