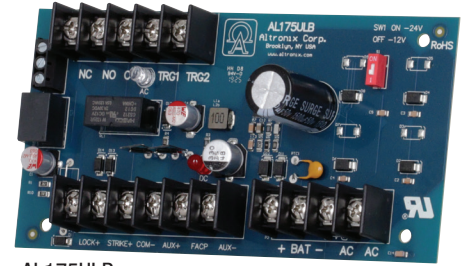


AL175ULB

Switching Power Supply/Charger Board

Altronix AL175ULB power-limited power supply/charger converts a 24VAC input into two (2) individual PTC protected auto-resettable 12VDC or 24VDC outputs. It is intended for use in applications requiring UL Listing for Access Control (UL294) and applications requiring an interface with Fire Alarm Control Panels.



AL175ULB

Specifications

Input

Voltage	24VAC/40VA. Class 2 transformer
Trigger	Access control trigger input

Outputs

Two (2) Class 2 Rated power-limited outputs	
- Fail-Safe/Fail-Secure lock output (switched)	
- Auxiliary power output (unswitched)	
Voltage	12VDC or 24VDC selectable
Current	12VDC @ 1.75A or 24VDC @ 0.9A continuous max
Other	Short circuit and thermal overload protection

Battery Charging

Type	Sealed lead acid or gel type
Failover	Upon AC loss, instantaneous
Batteries are sold separately	

Fire Alarm Disconnect

Supervised	Latching or non-latching
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Supervision

AC Failure	Form "C" contacts
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Indicators (LED)

Input	Input voltage is present
DC Output	Powered

Agency Listings

UL294	Access Control
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Physical and Environmental

Dimensions (L x W x H)	
Board: 5.8" x 3.0" x 1.5" (147.3mm x 76.2mm x 38.1mm)	
Shipping: 8" x 6" x 5" (203.2mm x 152.4mm x 127mm)	

Weight (approx.)

Product Weight:	0.35 lb. (0.16 kg)
Shipping Weight:	0.5 lb. (0.23 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

BTU/Hr (approx.):	12VDC: 11 BTU/Hr. 24VDC: 22 BTU/Hr.
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Mounting hardware is included

Lifetime Warranty

AL175ULB

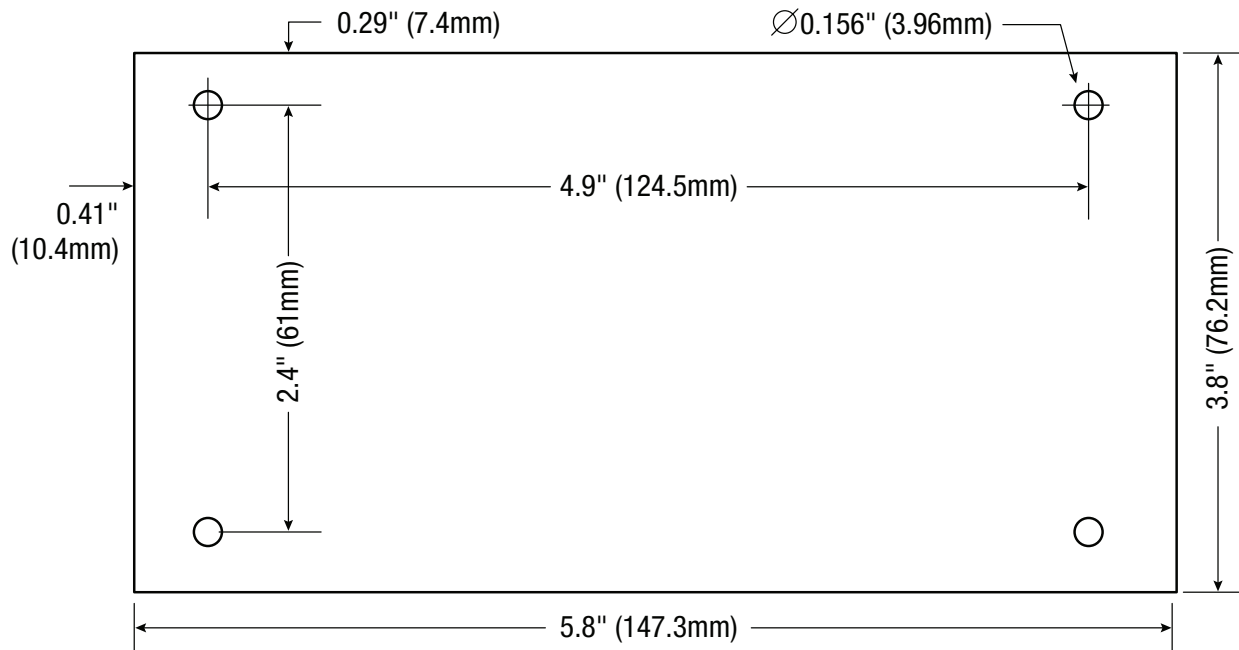
Switching Power Supply/Charger Board

Dimensions and Drawing

Board Dimensions (L x W x H approximate)

5.8" x 3.0" x 1.5" (147.3mm x 76.2mm x 38.1mm)

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

**Lifetime Warranty**

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