

AL175UL

Switching Power Supply/Charger

Altronix AL175UL is a power-limited power supply/charger which converts 115VAC, 60Hz input into two individually PTC protected auto-resettable 12VDC or 24VDC outputs (see specifications). It is intended for use in applications requiring UL Listing for Access Control (UL294) and applications requiring an interface with the Fire Alarm Control Panels. It must be installed in accordance with National and Local Electrical Codes and Regulations.



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Specifications

Input

Voltage	115VAC, 60Hz, 0.6A
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	1.75A 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

UL	UL294 (Access Control)
cUL	CSA Standard C22.2
CSFM	No.205-M1983, Signal Equipment
NFPA 101	CSFM Approved
MEA	Life Safety
	NYC Dept. of Buildings Approved

Physical and Environmental

Dimensions (H x W x D)

Enclosure:	8.5" x 7.5" x 3.5" (215.9mm x 190.5mm x 88.9mm)
Shipping:	13" x 10" x 7" (330.2mm x 254mm x 177.8mm)

Weight (approx.)

Product:	5.1 lb. (2.31 kg)
Shipping:	5.6 lb. (2.54 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.):	12VDC: 11 BTU/Hr.

24VDC: 22 BTU/Hr.

Lifetime Warranty

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

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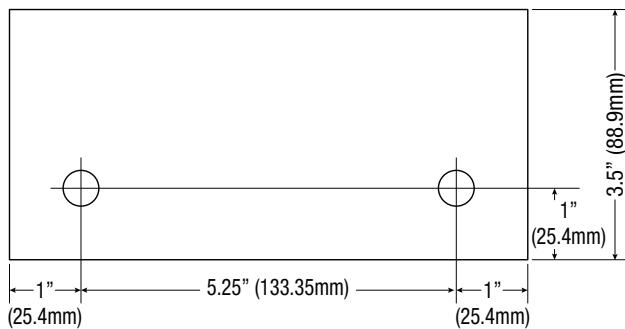
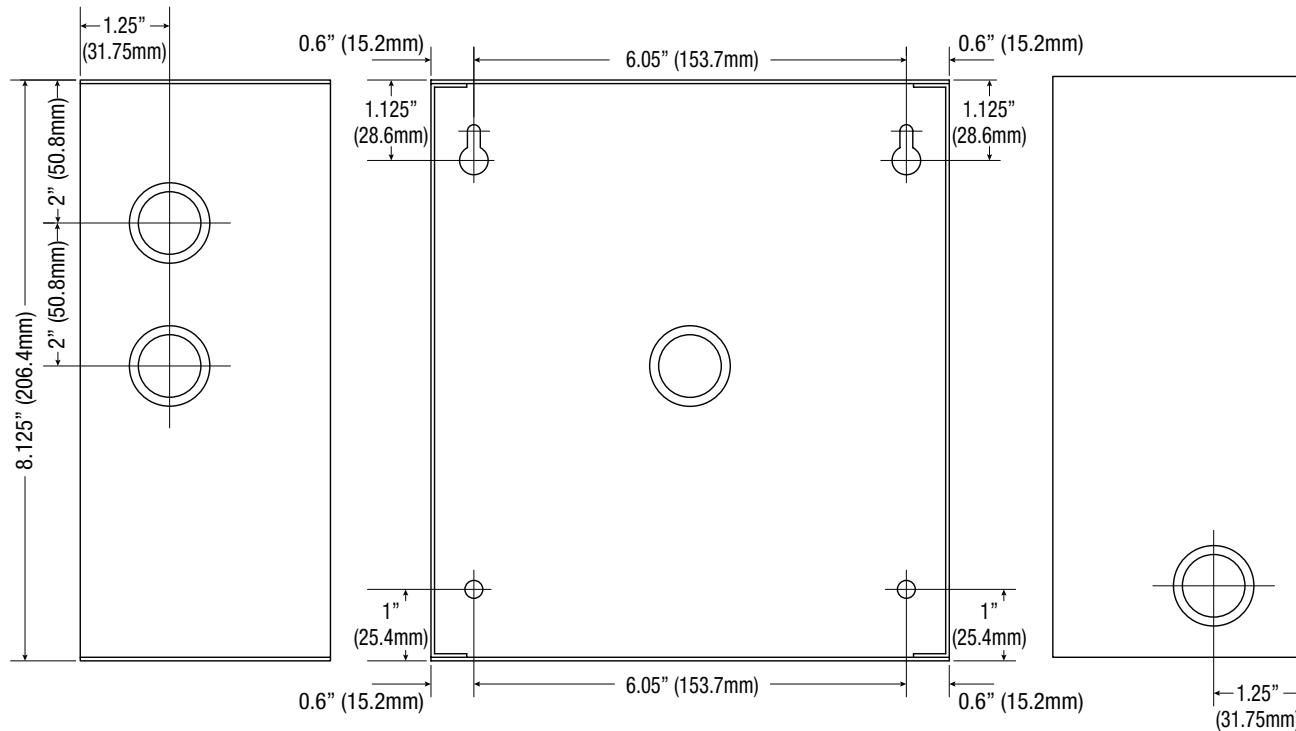
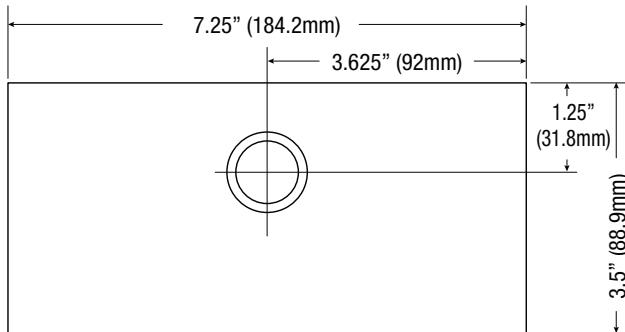
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Dimensions and Drawing

Dimensions (H x W x D approximate)

8.5" x 7.5" x 3.5" (215.9mm x 190.5mm x 88.9mm)

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