Altronix®

Rev. 06272023

AL175ULX2

Switching Power Supply/Charger

Altronix AL175ULX2 Switching Power Supply/Charger converts a 115VAC 60Hz input into two (2) individually PTC protected auto-resettable 12VDC or 24VDC outputs.

AL175ULX2

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

Supervision

AC Failure	Form “C” contacts

Indicators (LED)

Input	Input voltage is present
DC Output	Powered

Agency Listings

UL	UL294 (Access Control)
cUL	CSA Standard C22.2 No.205-M1983, Signal Equipment
CSFM	CSFM Approved

Physical and Environmental

Dimensions (H x W x D)

Enclosure:
15.5” x 12.23” x 4.5” (393.7mm x 310.6mm x 114.3mm)

Shipping:
16.5” x 13.5” x 6” (419.1mm x 342.9mm x 152.5mm)

Enclosure accommodates up to two (2) 12VDC/12AH batteries

Weight (approx.)

Product:	10.6 lb. (4.81 kg)
Shipping:	11.8 lb. (5.35 kg)

Temperature

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

Relative Humidity	20 to 85%, non-condensing
BTU/Hr. (approx.):	12VDC: 11 BTU/Hr. 24VDC: 22 BTU/Hr.

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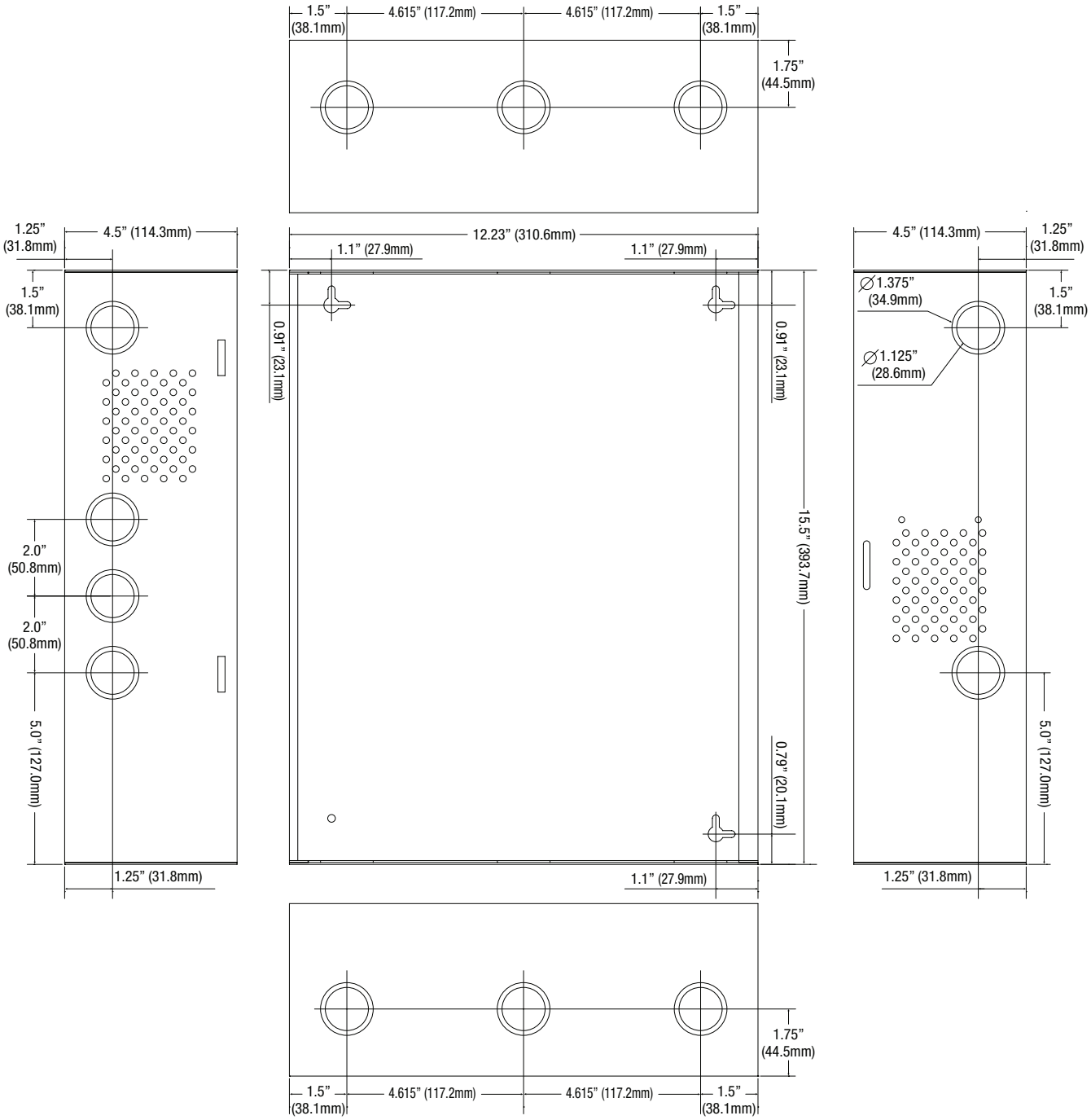
Switching Power Supply/Charger

Dimensions and Drawing

Dimensions (H x W x D approximate)

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