

AL175UL

Switching Power Supply/Charger

Description

Altronix AL175UL Switching Power Supply/Charger converts a 115VAC 60Hz input into two (2) individually PTC protected 12VDC or 24VDC outputs.



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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.

Back-up Battery *(not included)*

Type	Sealed lead acid or gel type.
Failover	Upon AC loss, instantaneous.

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 No.205-M1983, Signal Equipment.
CSFM	CSFM Approved.

Physical and Environmental

Dimensions (H x W x D)	
8.5" x 7.5" x 3.5" (215.9mm x 190.5mm x 88.9mm).	
Product Weight	5.1 lbs. (2.31 kg).
Shipping Weight	5.6 lbs. (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:	
12VDC:	10.75 BTU/Hr.
24VDC:	21.5 BTU/Hr.