

AL175ULX2

Switching Power Supply/Charger

Description

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. |

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.
------------	---------------------------

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)	
15.5" x 12" x 4.5" (393.7mm x 304.8mm x 114.3mm)	
Enclosure accommodates up to two (2) 12VDC/12AH batteries.	
Product Weight	10.6 lbs. (4.81 kg).
Shipping Weight	11.8 lbs. (5.35 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.