

AL1024ULXB2

Power Supply/Charger

Description

Altronix AL1024ULXB2 UL Listed Sub-Assembly power supply/charger converts 115VAC, 60Hz input into a single 24VDC non power-limited output. It also offers a suite of features that includes AC fail supervision, battery presence, and low battery supervision.



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Specifications

Input

Voltage	115VAC 60Hz, 4.2A max.
Fusing	5A / 250V.

Output

Voltage	24VDC (UL 1481).
Current	8A continuous supply current with 10A supply current during alarm (UL 1481). 24VDC @ 10A (UL 294).
Other	Short circuit and thermal overload protection. Filtered and regulated.

Back-up Battery *(not included)*

Type	Sealed lead acid or gel type.
Fuse Rating	15A @ 32V.
Failover	Upon AC loss, instantaneous.

Supervision

AC Failure	Form "C" contacts.
Battery	Form "C" contacts.

Indicators (LED)

Input	115VAC is present.
DC Output	Powered.
Battery	Discharged or not connected.

Agency Listings

UL:

Access Control	UL 294
Burglar Alarm	UL 603
Fire Alarm	UL 1481

cUL:

Signal Equipment	CSA C22.2 No.205-M1983
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Physical and Environmental

Dimensions (L x W x H)

8.4" x 4.5" x 1.9" (213.4mm x 114.4mm x 49.7mm).

Product Weight 1.15 lbs. (0.52 kg).

Shipping Weight 1.45 lbs. (0.66 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.): 123 BTU/Hr.

Mounting hardware included.

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Board Dimensions (L x W x H) and Drawing

8.4" x 4.5" x 1.9" (213.4mm x 114.4mm x 49.7mm)

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

