

HP400ULX, HP400ULM, HP400ULPD4CB, HP400ULPD8CB,

Description

The HP400UL Series is a line of power limited supplies/chargers that will convert 115 VAC/60 Hz input into a power limited 12 VDC or 24 VDC output at 4.0 A. They are used in applications requiring UL Listing for Access Control (UL294), Fire Alarm (UL1481), and Burglar Alarm Installations (UL603).

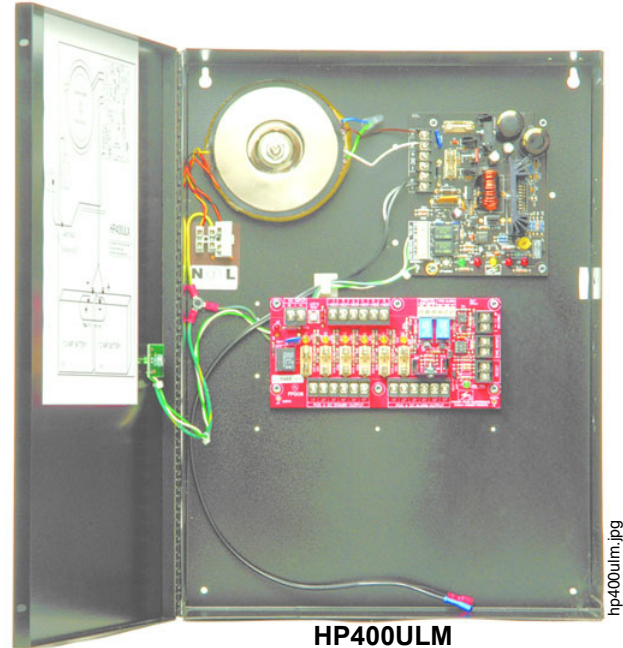
- **HP400ULX** — Includes the power supply, enclosure, transformer and battery leads.
- **HP400ULM** — Includes the power supply, HPMOM6 multi-output power distribution module, enclosure, transformer and battery leads.
- **HP400ULPD4CB** — Includes the power supply, distribution board with 4 individually protected outputs with auto-resettable PTCs, enclosure, transformer and battery leads.
- **HP400ULPD8CB** — Includes the power supply, HPD8CB individually protected with auto-reset PTCs, enclosure, transformer, and battery leads.
- **HP400ULACM4** — Includes the power supply, HPACM4 power controller with four independently controlled power-limited PTC protected outputs, enclosure, transformer, and battery leads.

Benefits

- An all-in-one power supply and distribution unit enclosed in a roomy cabinet.
- Transformer thermal protection limits damage from overloaded circuits.
- LED lights for quick and easy diagnosis, troubleshooting, and status indication.
- Comes fully assembled with accessories included for quick installation.
- Enclosure built for durability and product life.
- Power disconnect cord for easy servicing.
- Power cord included; three conductors for ground safety convenience.
- Instantaneous switchover to standby battery (if equipped) when AC fails, maintaining power to all attached devices without intervention.

Specifications

- UL294 for use with Access Control Systems.
- UL1481 for use with Fire Alarm Systems.
- UL603 for use with Burglar Alarm Installations.
- Switch selectable 12 VDC or 24 VDC power-limited output.
- Input: 115 VAC/60 Hz, 2.5 A.
- 4.0 A continuous supply current at 12 VDC or 24 VDC.
- Filtered and electronically regulated outputs.
- Built-in charger for sealed lead-acid or gel-type batteries. Charge current 600 mA.
- Automatic switch-over to standby battery when AC fails.
- AC input and DC output LED indicators.



- AC fail supervision (Form "C" contacts).
- Low battery supervision (Form "C" contacts).
- Low battery disconnect prevents battery from deep discharge.
- Thermal overload protection.
- Short circuit protection.
- Includes battery leads.
- Enclosure dimensions:
13.0" H x 13.5" W x 3.25" D
(cm: 33.02 H x 34.29 W x 8.26 D).

NOTE: Enclosure accommodates up to two 12 AH batteries.

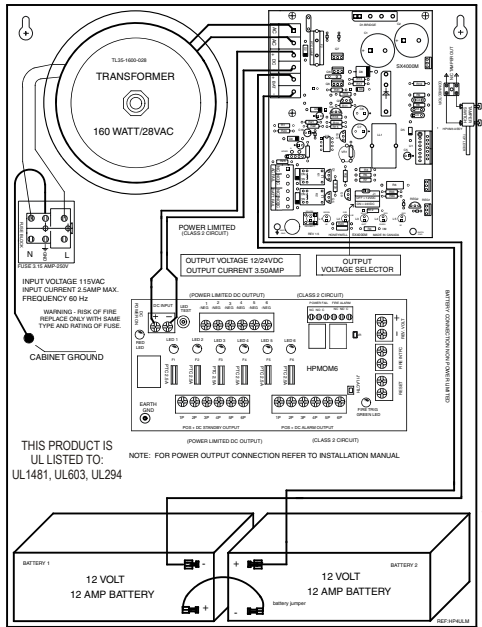
Distribution Board Specifications

- **HPMOM6** — 6 output PTC protected power distribution board (see HPMOM6 data sheet for full details).
- **4 output distribution board** — PTC protected circuits rated at 2.5 A each.
- **8 output distribution board** — PTC protected circuits rated at 2.5 A each.
- **HPACM4** — 4 output distribution board and controller with PTC protected outputs. These outputs can also be configured as dry Form "C" contacts (see DH-1022 for full details).

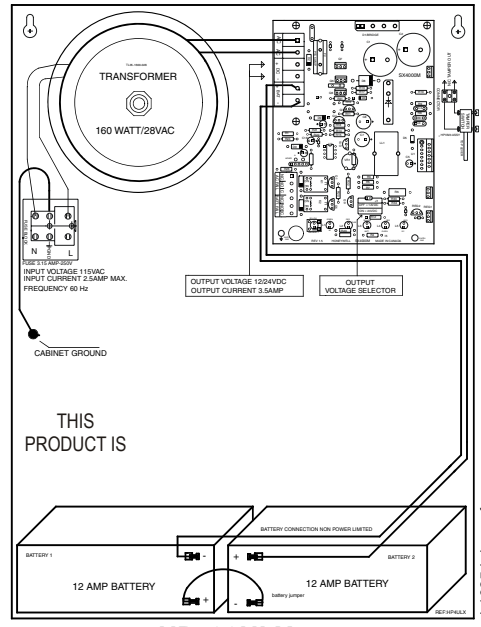
Listings and Approvals

Listings and approvals below apply to all. In some cases, certain modules may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

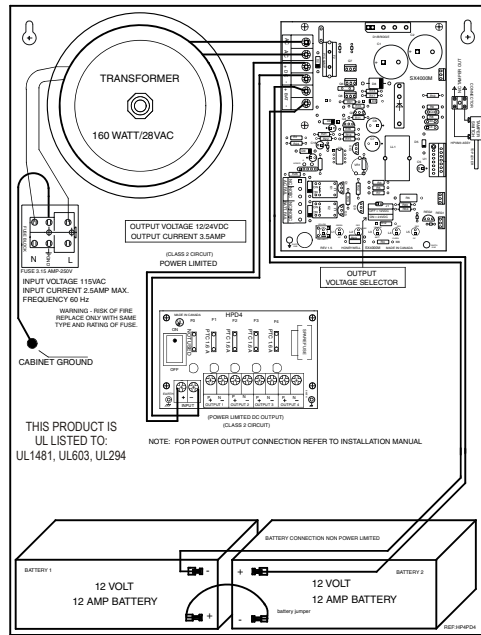
- UL Listed for Access Control Systems; UL294. File: S6677
- UL Listed for Fire Alarm Systems; UL1481.
- UL Listed for Burglar Alarm Systems; UL603.
- **CSFM:** 7300-1637:101
- **MEA:** 114-07-E



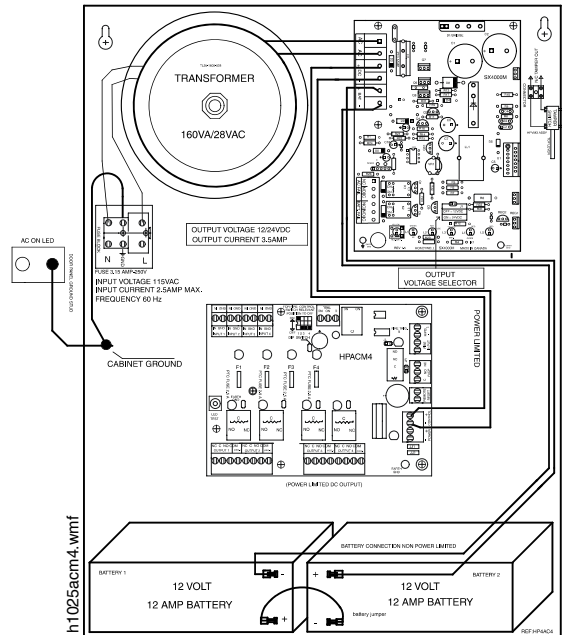
HP400ULM



HP400ULX



HP400ULPD4CB



HP400ULACM4

This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.
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