

HPSM115/277

Lighting Control Panel Power Supply Installation

The HPSM115/277 is the power supply for the Watt Stopper Lighting Control Panels.

A complete panel assembly also includes one each of the following:

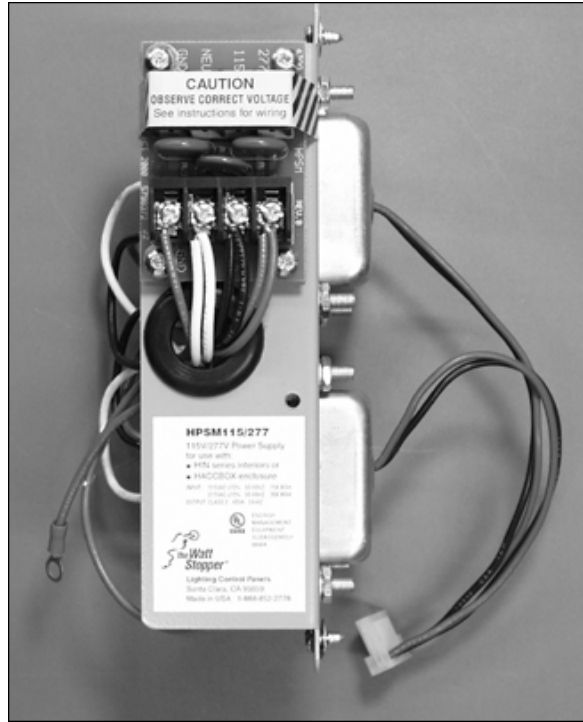
1. Tub (HTUB series)
2. Interior with relays (HIN series)
3. Cover (HCVR series)

The Power Supply is a single unit which supports one of two voltages (115VAC or 277VAC) and will function with either 50 or 60 Hz:

Features

- Internal overcurrent protection.
Transformer automatically goes off when overloaded and resets when the fault is removed.
- Two separate 40VA transformers.
Separate transformers provide a stable power source, ensuring an adequate supply for relays and any user-installed accessories that draw power from the panel.
- MOV voltage spike protection.
Metal Oxide Varistors protect all downstream electronics from powerline voltage spikes.

Before starting, read the instructions on the reverse side. If you have any questions, call our Service Team at: 888-852-2778.



Santa Clara, CA 95050

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Installation Instructions

CAUTION: Power should always be off when wiring the Lighting Control Panel or changing any of its components, such as the Power Supply.

Mount the Power Supply

On HINxxy12xx 12-relay interiors, mount the Power Supply to the interior before installing the interior in the tub. You may also find it easier to mount the Power Supply to any interior before installing the interior in the tub.

On HIN xxyxxCC Complete Control interiors, first remove the card cover as shown to the right to access the inside of the Power Supply opening.

For all interiors, mount the Power Supply to the opening in the interior frame as shown to the right. Secure the Power Supply to the frame at the top and bottom using the captive screws provided.

Install the interior in the tub on the mounting studs and secure with the included hardware.

Wire

Connect the green ground wire to grounding screw in the tub.

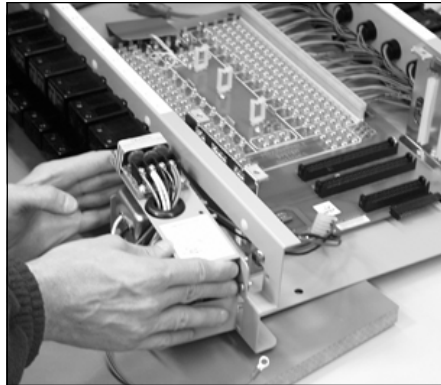
CAUTION: Verify whether your supply voltage is 115VAC or 277VAC. Wiring to the incorrect voltage terminal may result in damage to the Power Supply and/or the interior, and will void the product warranty.

Remove the CAUTION label covering the terminals.

Note that there are two separate terminals for either a 115VAC supply or a 277VAC supply. Wire to ONLY ONE of these terminals. Match your input voltage to the correct terminal. See **Figure 1**.



Remove the card cover if installing in a Complete Control interior in order to access the power supply mounting opening.



Mount the Power Supply to the interior. On 12-relay interiors, it is best to mount the Power Supply before installing the interior in the tub.



Wire line-voltage connections to the appropriate terminals.

Power Up and Test

Before applying power to the panel, attach the HCVRxx panel cover to the tub. Plug in the Power Supply's yellow 5-pin connector to the power terminals marked J1 on the motherboard.

On Complete Control panels, replace the card cover.

Apply power to the circuit. Check that the power LED is on (both power LEDs on Complete Control panels).

For emergency service or support, call our Service Team at: 888-852-2778.



Remove the CAUTION label covering the terminals.

Figure 1 - Terminal Wiring

115VAC Supply



277VAC Supply

