

## 1 Overview

The HPBWPX is a thermoplastic NEMA 4X IP66 rated Weatherproof enclosure with an included mounting plate. It can be used for housing power supplies, transformers and other accessories that require outdoor installation. This enclosure has a wide range of applications for access control, security and CCTV systems that require additional electrical mounting space. For convenient operation, this enclosure comes with a hinged door and mounting hardware.

## 2 Specifications

- Polycarbonate body with a light grey gloss finish.
- Stainless steel latches.
- Shipped complete with noncorrosive hardware, mounting feet, cover and gasket.
- Includes mounting plate and necessary hardware.
- Temperature Range: -40°F to 120°F (-40°C to 49°C); indoor or outdoor use.
- Enclosure Dimensions: 12”H x 10”W x 6”D

## 3 Possible Contents

- Transformers: One (1) HT24100 / HT28100, or one (1) HT24200 / HT28175.
- Power Supplies: One (1) HPL624, HPS3, or HPS5.
- Distribution Boards: One (1) distribution board (HPD4 or HPD8).
- Battery Chargers: One (1).
- Relay Boards: One (1) HRB5 or HRB1224 relay.
- Surge Protection Unit: One (1) HCSP1 or HDSP1.

## 4 Installation Instructions

1. Unpack product. Do not discard packing materials until installation and checkout are successfully completed.
2. Pre-drill holes where enclosure is to be mounted. Choose a vertical surface strong enough to support the full weight of the assembly.
3. Secure enclosure to desired location.
4. Use a knock-out punch set or equivalent to create wiring holes. Use weatherproof fittings and ground connections rated for non-metallic enclosures.
5. Configure contents to be installed on mounting plate using instructions supplied with devices.
6. Install mounting plate into enclosure. *Note: Some devices mount with foam-backed adhesive tape. This tape is permanent. Determine placement of devices before removing the plastic coating from the adhesive surfaces.*
7. Disconnect power to the branch circuit and route wires to enclosure as needed.
8. Connect incoming lines as specified in device instruction; connect ground pigtail to incoming ground wire.
9. Route all low voltage wiring at least 3/8” (0.953cm) from any 120V mains wiring.
10. Power the branch circuit and verify devices are operating within specification. (See Installation Documents included with devices)
11. Secure cabinet door to prevent access by unauthorized personnel.

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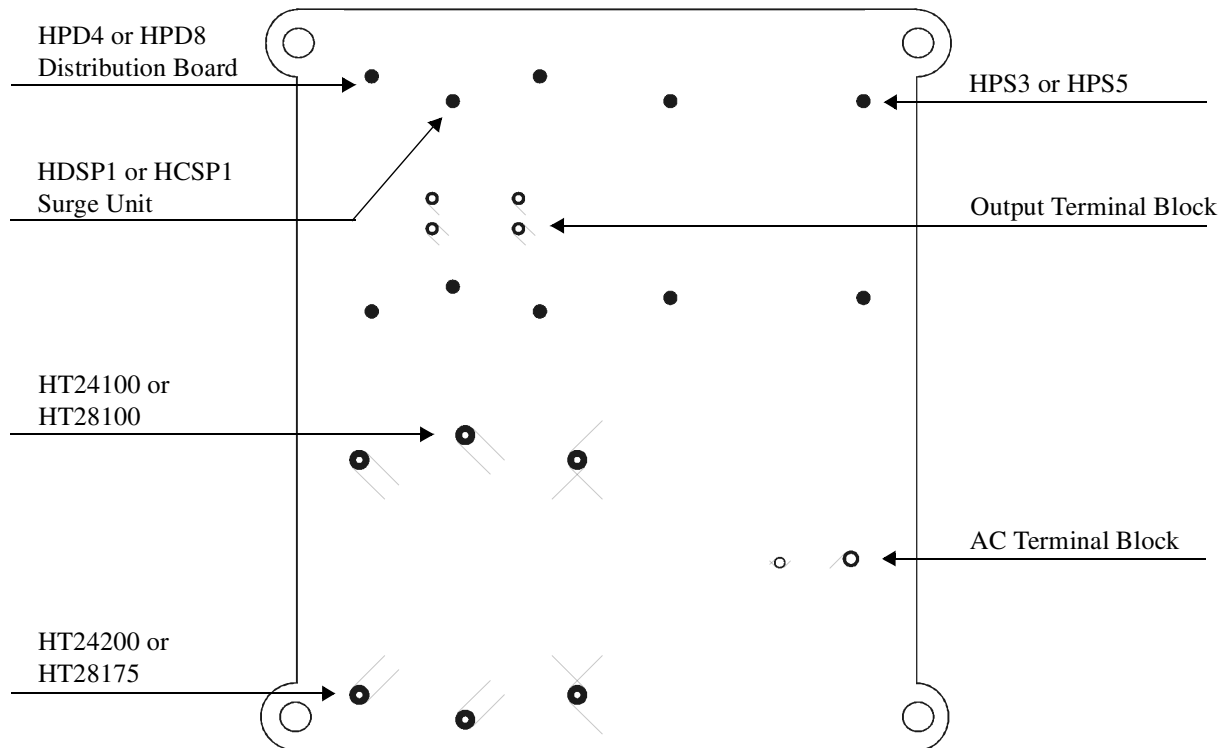


**WARNING: To reduce risk of electric shock, do not expose unit to rain or excess moisture, and disconnect power before servicing unit.**

For continuous protection against hazard, replace fuses only with exact type and rating. A readily accessible switched circuit breaker must be available to disconnect main power as required. All 120V wiring should be routed so that it cannot touch 24V wiring; minimum spacing 3/8" (0.953mm). Installation and servicing should only be made by qualified personnel; contains no user-serviceable parts. Install in accordance with all local regulations and the National Electrical Code.

**NOTE:** It is recommended for the installer to add a fuse to the primary terminal lead of the transformer that is rated at 150% of the maximum load.

## 5 HPBWPX Mounting Plate Layout



For additional information:

- Visit our website at <http://www.honeywellpower.com>
- Contact Technical Support at 1(877) HPP-POWER
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