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HPB407 PRODUCT INSTALLATION DOCUMENT
PN 52382:A 06/30/2004 ECN 04-285

HPB407: Electrical Enclosure

1 Overview

The HPB407 is a steel electrical enclosure for housing batteries, power supplies and transformers. This enclosure has a wide range of applications for access control, security and CCTV systems that require additional electrical storage space. For convenient operation, this enclosure comes with a hinged door containing five convenient ½" (1.27 cm) knockouts.

2 Specifications

- 18 gage steel construction with black pebble grained powder coat finish.
- Slip on mounting holes.
- Hinged cover swings left.
- Vented enclosure with five convenient ½" (1.27 cm) knockouts.
- Temperature range: -4°F to 95°F (-20°C to 35°C); indoor use only.
- Enclosure dimensions: 10" H x 11.5" W x 4.875" D (25.4 cm H x 29.21 cm W x 12.38 cm D).

3 Possible contents

- Transformers: Up to two HT28100's or two HT28175's.
- Power supplies: One HPL624, HPS3 or HPS5.
- Distribution boards: Up to eight with two expansion brackets.
- Battery chargers: One.
- Batteries: Up to four 7 Ah batteries.
- Relay boards: Up to to eight HRB5 or HRB1224 relays with two expansion brackets.

4 Installation Instructions

1. Unpack product and discard all packing materials.
2. Pre-drill holes where enclosure is to be mounted. Choose a vertical surface, strong enough to support the full weight of the assembly, located in an area without excessive amounts of moisture. Indoor installation only.
3. Secure enclosure to the desired location, using appropriately sized fasteners that can support the full weight of the assembly.
4. Configure contents using instructions supplied with devices.
5. Mount contents inside 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.
6. Disconnect power to branch circuit and route wires to enclosure as needed.
7. Connect incoming lines as specified in device instructions; connect ground pigtail to incoming ground wire.
8. Route all low voltage wiring at least 3/8" (0.953 cm) from any 120 V mains wiring (indoor installations only).
9. Power the branch circuit and assure any external transformers are plugged in.
10. Verify device operation.
11. Secure the cabinet cover with metal screws to prevent access by unauthorized personnel.

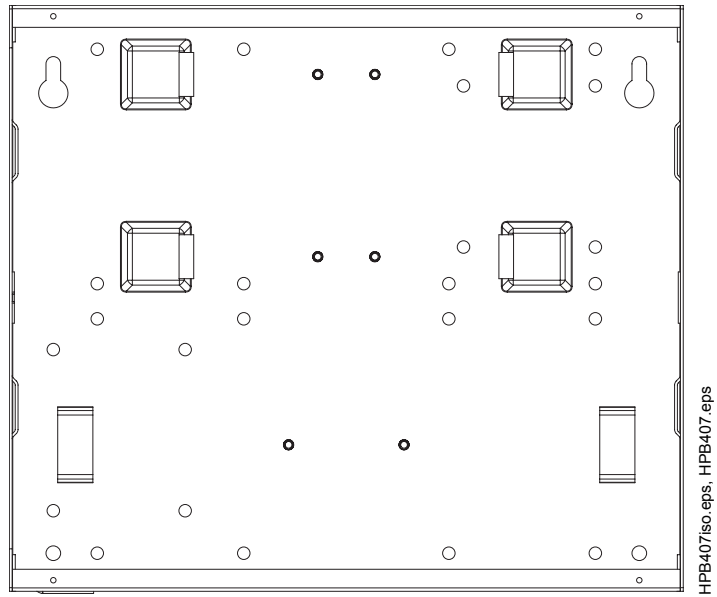
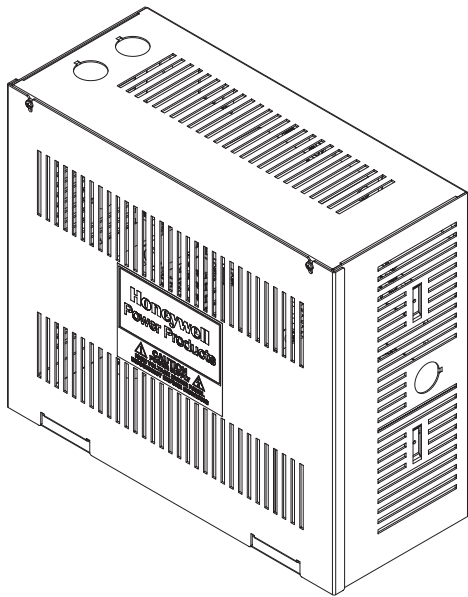


Figure 1 HPB407



WARNING:

- To reduce risk of electric shock, do not expose unit to rain or excessive 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 mains power as required.
- All 120 V wiring should be routed so that it cannot touch 24 V wiring; minimum spacing 3/8" (0.953 cm).
- Installation & servicing should only be made by qualified personnel
- Install in accordance with all local regulations and the National Electrical Code



NOTE: For additional information

- Visit our website: <http://www.honeywellpower.com>
- Contact Technical Support: (800) 627-3473
- Email us: not_techserv@fla-whq.com