

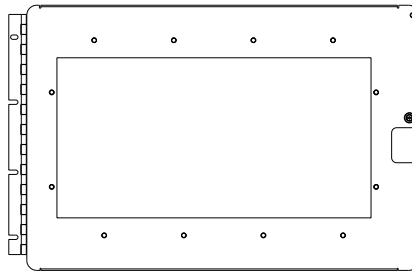
Installation Instructions

Models FHD2004-U1 and FHD2005-U1

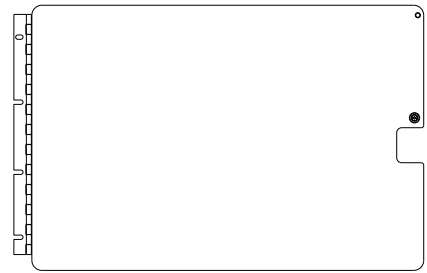
Inner Doors for FHB2001 and FHB2002 Backboxes

INTRODUCTION

The Models FHD2004-U1 and FHD2005-U1 Inner Doors from Siemens Industry, Inc., are used with FHB2001-U1/R1 and FHB2002-U1/R1 Backboxes. The FHD2004-U1 inner door has an opening for installing a PMI or system switches/LEDs. The FHD2005-U1 inner door is solid and can function as a dead front. Both doors are black.



FHD2004-U1



FHD2005-U1

Figure 1
FHD2004 and FHD2005 Inner Doors



FHD2004 and FHD2004 Doors are for indoor use only in dry environments.

INSTALLATION

The installation of the inner door(s) is typically done before the outer door is installed. The FHB2001 uses only one inner door, but the FHB2002 uses up to two inner doors.

The following hardware kit is provided with the FHD2004-U1:

QTY	ITEM	USE
4	pan Phillips sems-square screws	Used to mount inner door to enclosure
8	#10-32 kep lock nuts	4 nuts for mounting PMI Operating Unit (remaining 4 nuts may be discarded; OR 8 nuts for mounting optional LED/switch module(s) and/or blank plate(s)
1	ground strap	Mounts on inner door and enclosure backbox to provide ground



Be sure to retain the 8 #10-32 kep lock nuts for mounting modules or blank plates on the inner door.



When an FHB2002 backbox is used with only an upper inner door, the backbox can accommodate a set of BTX-1 (33AH) batteries. If an inner door is used on the bottom of an FHB2002 backbox, the backbox can only accommodate a set of BP-61 (18AH) batteries.

Install the Inner Door:

Refer to Figure 2.

1. Place three of the four #8-32 x $\frac{5}{16}$ screws provided in the bottom three holes for the door on the left side of the enclosure and tighten them a few turns.
2. Slide the inner door into position under the screws.
3. Close the door making certain the spring-loaded fastener fits in the hole on the right side of the enclosure. Screw down the fastener to secure it in place.
4. Place the remaining #8-32 x $\frac{5}{16}$ screw in the top hole and tighten all four screws securely.
5. Repeat steps 1 - 4 if there is an additional inner door.

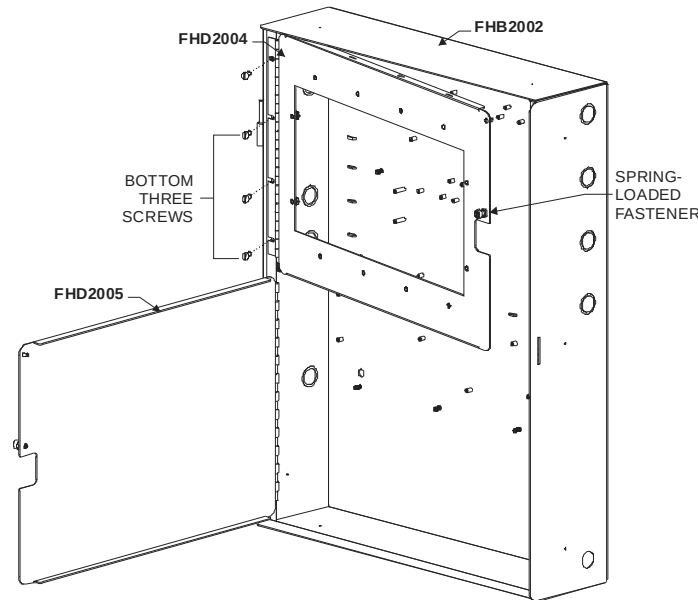


Figure 2
Installing the Inner Door(s)

Ground Strap Installation

Inner Door Model FHD2004 is shipped with a ground strap in the bag with the four #8-32 x $\frac{5}{16}$ screws used to mount the door in place. Model FHD2005 does not require a ground strap.

In enclosure Model FHB2001, the stud for securing the ground strap is located on the left-hand side of the enclosure near the top. In enclosure Model FHB2002, the stud for securing the ground strap is located on the left-hand side of the enclosure near the center. The stud in the FHB2001 and FHB2002 enclosures that comes with a ground strap installed on it is used for both the inner and outer door ground straps.

- Refer to Figure 3 which illustrates ground strap installation in an FHB2001 enclosure. Ground strap installation in an FHB2002 enclosure is done in the same way. Figure 4 shows the location of the ground strap stud in the FHB2002 enclosure.
- Place one end of the ground strap on the stud in the enclosure marked "A" and secure it in place between the two #10-32 kep nuts.
- Place the other end of the ground strap between the PMI or other module installed on the inner door and the kep nut used to secure it in place.

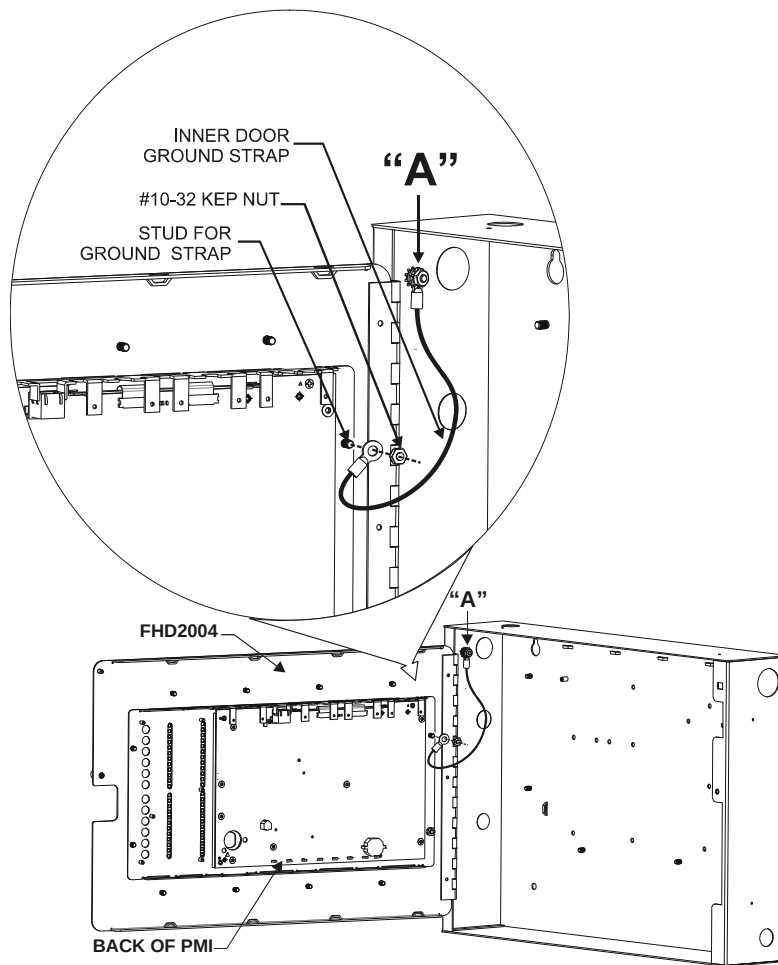


Figure 3
Installing the Ground Strap on the FHD 2004 Inner Door and FHB2001 Backbox

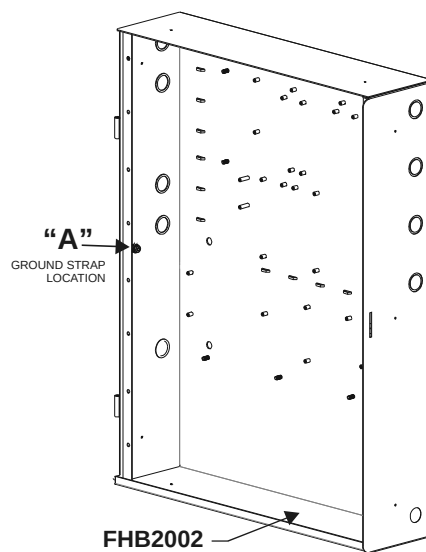


Figure 4
Location of Ground Strap on the FHB2002 Backbox

COMPATIBILITY	FHD2004-U1 inner doors can be used with FHB2001-U1/R1 and FHB2002-U1/-R1 backboxes only.
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FHD2005-U1 inner doors can be used with FHB2002-U1/R1 backboxes only.

SPECIFICATIONS	FHD2004-U1:	20- ³ / ₈ "W x ⁹ / ₁₆ "D x 13- ¹ / ₄ "L
	FHD2005-U1:	20- ³ / ₈ "W x ⁹ / ₁₆ "D x 13- ¹ / ₄ "L