



HUBBELL FD BOX AND ADAPTER

Installation Instructions

GENERAL INFORMATION

- A. **NOTICE:** For installation by a qualified electrician in accordance with all national and local electrical codes and regulations.
- B. **CAUTION: RISK OF ELECTRICAL SHOCK. Disconnect power before installing. Never wire energized electrical components.**
- C. The Box and Adapter are Rated 3R, 3RX, 4X. And for wet and damp locations.
- D. In 3R & 3RX locations drain holes should be located below lowest point of wiring. Drainage openings shall not be less than 1/8 inch (3.2 mm) in diameter or more than 1/4 inch (6.4 mm) in diameter.

INSTALLING FD BOX (SEE FIG. 1)

3/4 In. NPT Cat. # HBL60CM83A, HBL60CM83WA, HBL6083 HBL60CM83AK, HBL60CM83WAK, HBL6083AK

1 In. NPT Cat. # HBL60CM84A, HBL60CM84WA, HBL6084 HBL60CM84AK, HBL60CM84WAK, HBL6084AK

1. Determine if you need to remove knock out (X) for feed through application prior to mounting box.
2. Attach conduit to the box (A) using 3/4 In. NPT or 1 In. NPT depending on which box you are using.
3. Mount box to wall using mounting holes provided. Use screws appropriate for the surface. DO NOT drill, punch or nail mount through the box. Screws should not exceed the mounting hole size of 15/64 In. (5.9 mm dia.)
4. Prepare bonding (grounding) jumpers as illustrated in (Fig. 3). Cut two 6 In. (152 mm) lengths of green wire. Strip 1/2 In. (13 mm) from each end.
5. Attach ground wire to mounting plate (B) with the supplied green grounding screw (F). Torque to 10-12 Lb. In. (1.2-1.4 Nm).

TAKE CAUTION THAT THERE ARE NO LOOSE WIRE STRANDS.

6. Secure mounting plate to box using (4) flat head thread forming screws (G) provided. Torque screws to 18-20 Lb. In. max. (2-2.25 Nm. max).
7. Wire receptacle per manufactures recommendations.
8. Secure receptacle to mounting plate (B) with screws (H) supplied with receptacle.
9. Install cover plate assembly per manufacturer's instructions.

INSTALLING FD BOX AND ADAPTER (SEE FIG. 2)

1. Repeat steps 1-3 as noted above.
2. Placing Gasket (K) between Box (A) and Adapter (L) secure adapter to box using (4) .75 In. (19.05 mm). long pan head screws (M). Torque screws to 18-20 Lb. In. max. (2-2.25 Nm. max).
3. Repeat steps 4-9 as noted above.

INSTALLING ADAPTER - PANEL MOUNT (SEE FIG. 4)

1. Drill (4) .201In. (5.10 mm). dia. holes in panel. (FIG. 5).
2. Place Gasket (S) between Panel & Adapter (L). (Fig.4)
3. Secure Adapter using appropriate length # 10-32 stainless steel screws (T) with #10-32 nuts (Q) and lock washers (R) (Not supplied).
4. Torque screws to 18-20 Lb. In. max. (2-2.25 Nm. max).
5. Repeat steps 4-9 as noted above.

HUBBELL FD BOX AND ADAPTER

Part Description

- A - FD Box
- B - Mounting plate
- C - Gasket, cover, (not included)
- D - Receptacle, (not included)
- E - Flip cover (not included)
- F - Ground screw (1 piece)
- G - Screw #8 x ½ In. Flat head, thread forming (4 pieces)
(Included)
- H - Receptacle screw (not included)
- J - Flip cover screw (not included)
- K - Gasket, FD Box
- L - Adapter
- M – Screw #8 x ¾ In. thread forming (4 Pieces) (included)
- N - 50 amp Twist-Lock receptacle (not included)
- P - Flip Cover, 50 amp (not included)
- Q - #8-32 nuts (not Included)
- R - #8 Lock washers (not Included)
- S - Adapter gasket
- T - #8-32 Screw round head (not Included)
- U - Wire nut (not included)
- V - Bonding jumper (not included)
- X- Knock out



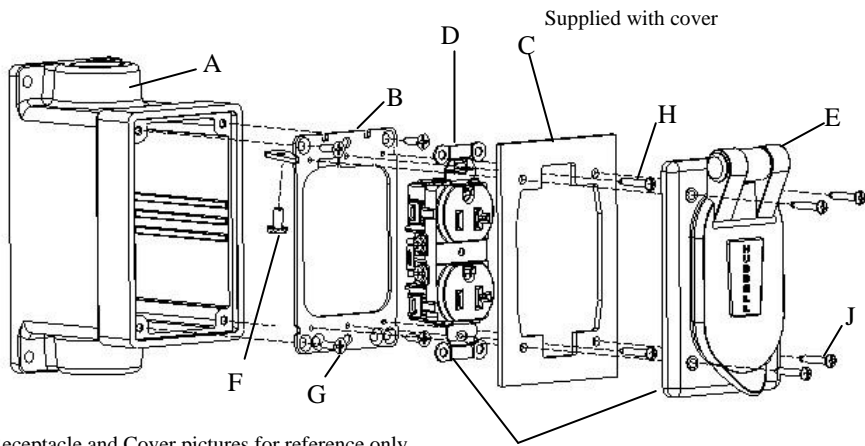
G



M

HBL60CM83A, HBL60CM83WA, HBL6083 - (3/4" (19 mm) NPT)
 HBL60CM84A, HBL60CM84WA, HBL6084 - (1" (25 mm) NPT)

FIG. 1

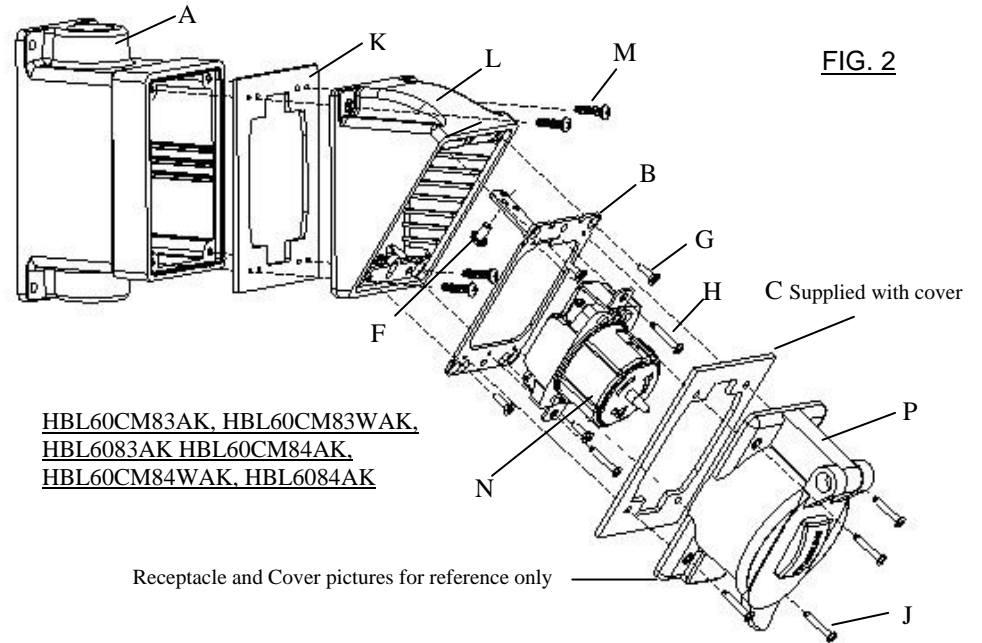


Receptacle and Cover pictures for reference only

FD BOX / BOÎTE FD / CAJA FD

FD BOX AND ADAPTER

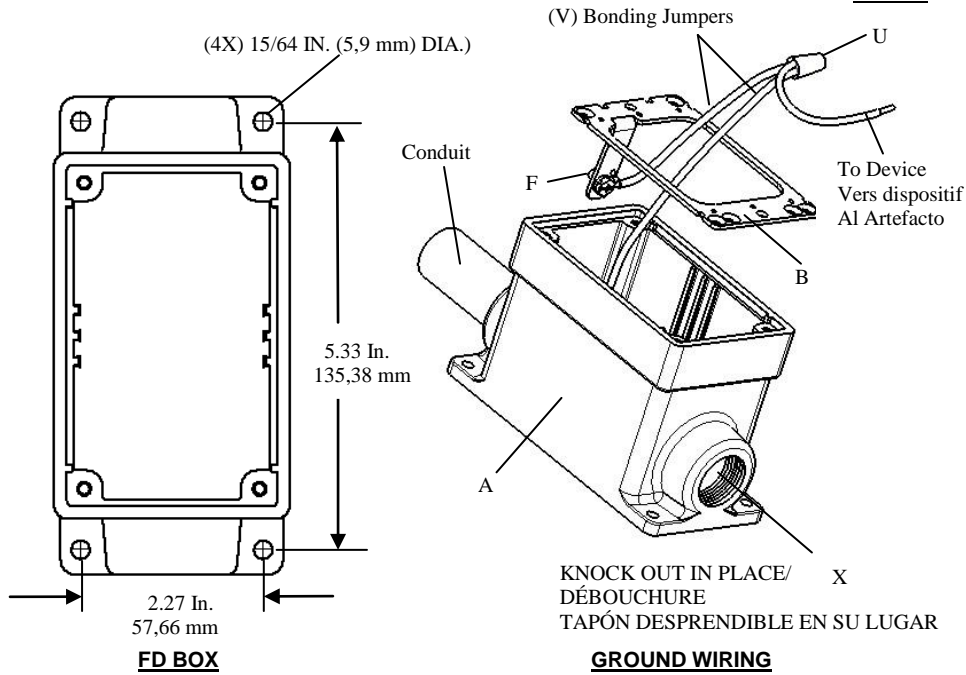
FIG. 2



Receptacle and Cover pictures for reference only

HBL60CM83AK, HBL60CM83WAK,
 HBL6083AK HBL60CM84AK,
 HBL60CM84WAK, HBL6084AK

FIG. 3

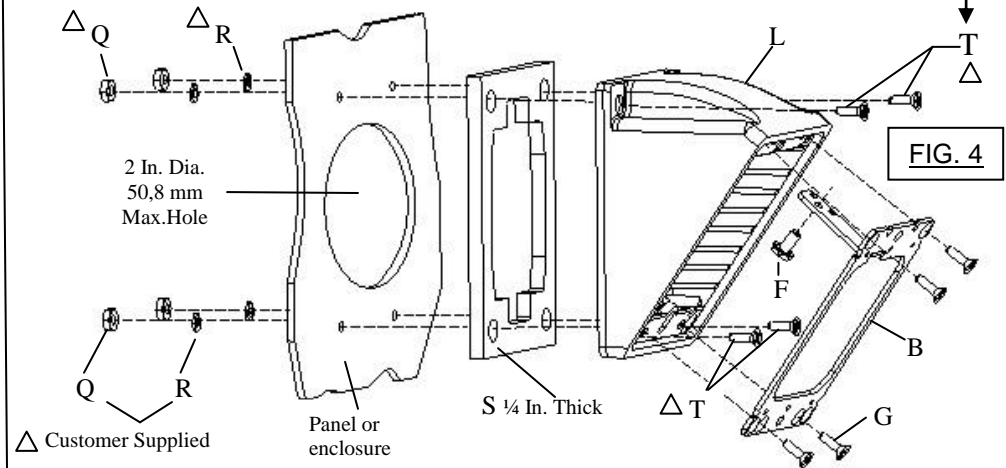


FD BOX

GROUND WIRING

-Use 4 screws M when mounting to Hubbell FD Boxes HBL60CM83A, HBL60CM83WA, HBL6083 HBL60CM84A, HBL60CM84WA, HBL6084.

FIG. 4

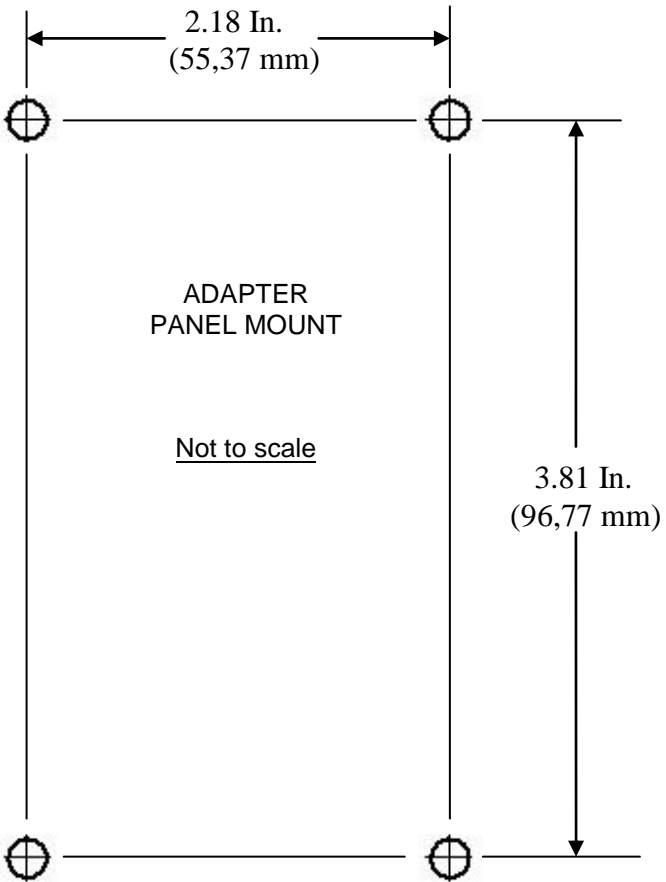


HBL60CM55, HBL60CM55W, HBL6055

PANEL MOUNT ADAPTER

HOLE PATTERN FOR ADAPTOR ONLY

FIG. 5



Learn more about marine plugs and outlets we have.