

FSR PWB-CMU8-2PLT Wall Box for Custom Connector Plates Installation Guide

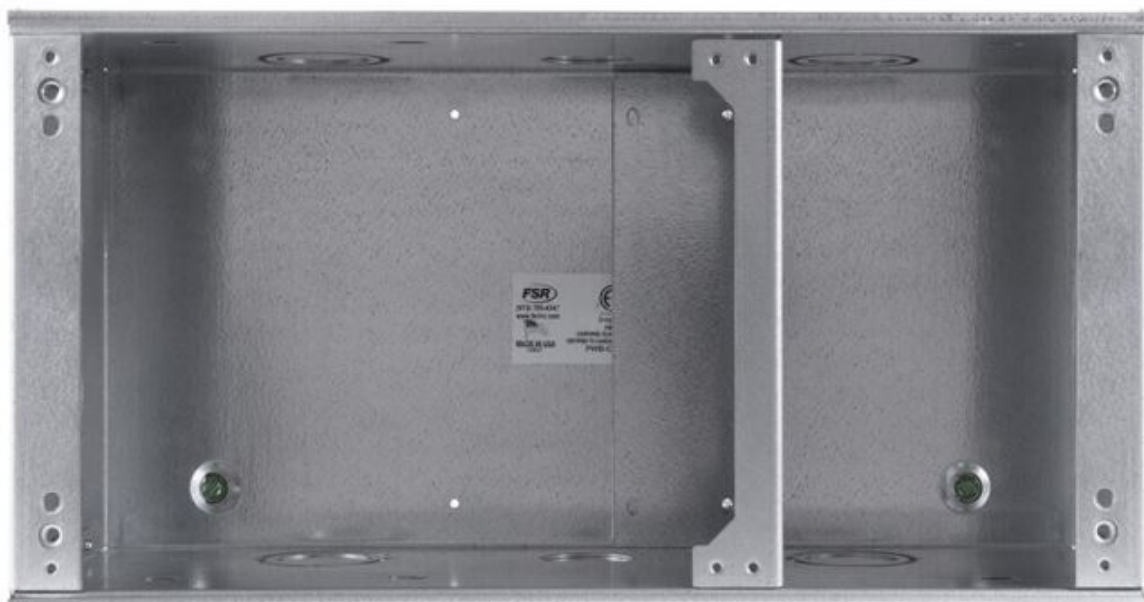
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FSR PWB-CMU8-2PLT Wall Box for Custom Connector Plates



Wall Box Installation

1. Remove the construction cover from the box.
2. Insert conduit fittings and conduit into the box.
3. Reinsert the construction cover with supplied hardware before any mortar is applied to the box.
4. A modified concrete block will need to be cut as shown below.
5. Place the wall box on the block wall, ensuring the front surface of the wall box is flush with the concrete block wall.
6. Ensure mortar is applied to the top, bottom, sides, and all block webs.
7. All seams around the wall box should be filled with mortar.
8. Note: it is important that the construction cover is installed on the wall box prior to placing the wall box on the block wall and before any concrete blocks are placed above the unit.

Components:

- PWB-CMU8 Wall Box
- Conduits and conduit fittings as required
- Construction Cover
- Modified Concrete Block

Electrical Installation

1. After mortar has set remove and discard construction cover and hardware.
2. Determine divider location and install divider with hardware provided.
3. Covers are to be provided by the customer. A DXF is provided on FSR's website, to be used as a guideline in the manufacturing of the cover plates.
4. Determine which set of covers is needed based on the location of the divider, use the corresponding DXF's provided.
5. Install covers with hardware provided.

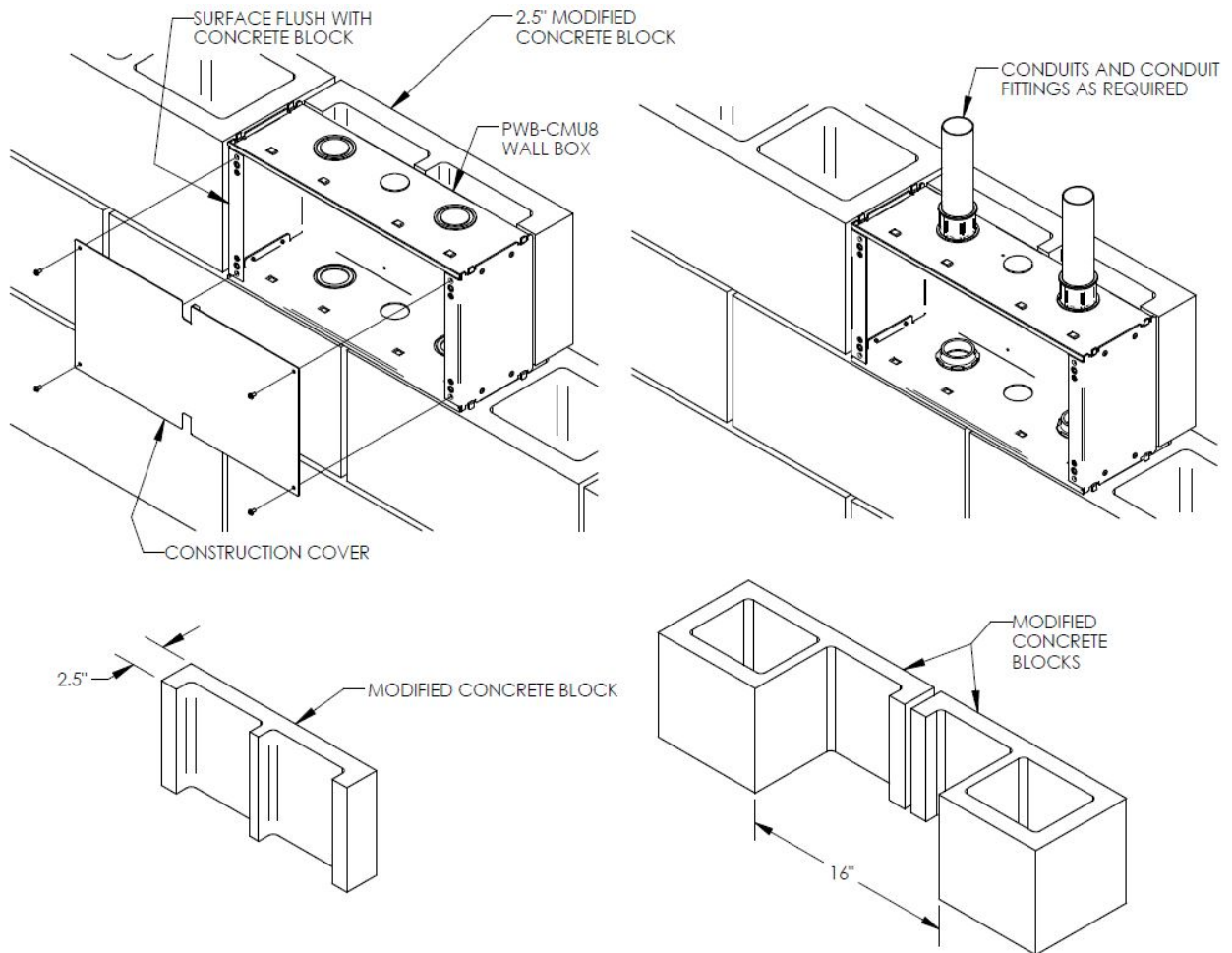
Notice: For installation by a qualified electrician in accordance with all national and local electrical codes.

Typical Cover/Divider Installation

- Wall not shown for clarity
- Cover
- Divider (4 possible locations)
- 8x #6-32 Screw
- 2x #6-32 Screw
- 70/30 Divider
- 60/40 Divider

WALL BOX INSTALLATION

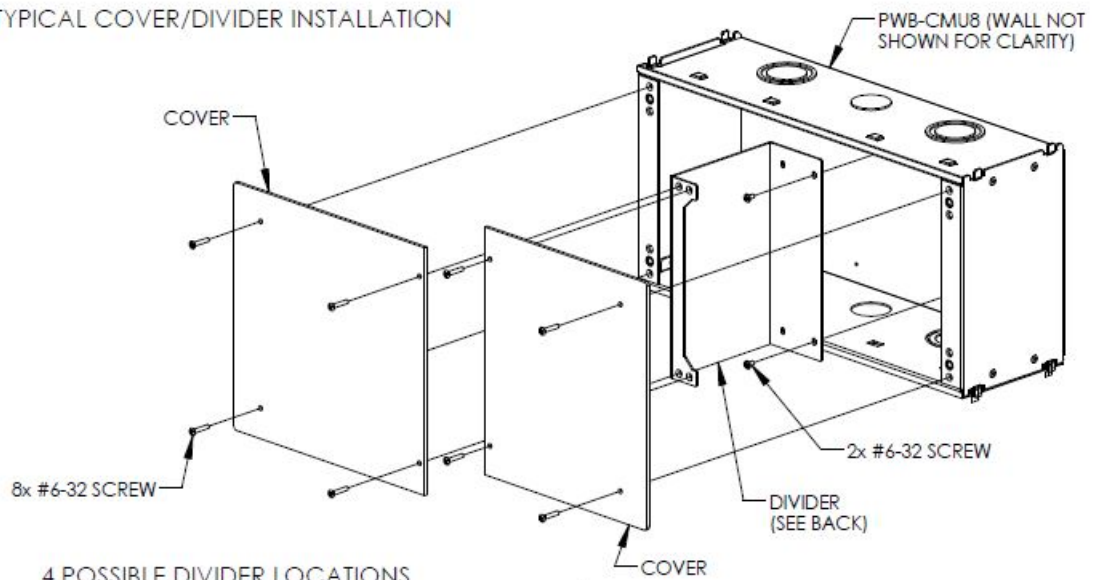
1. REMOVE THE CONSTRUCTION COVER FROM THE BOX. INSERT CONDUIT FITTINGS AND CONDUIT INTO THE BOX. REINSERT THE CONSTRUCTION COVER WITH SUPPLIED HARDWARE BEFORE ANY MORTAR IS APPLIED TO THE BOX.
2. A MODIFIED CONCRETE BLOCK WILL NEED TO BE CUT AS SHOWN BELOW.
3. PLACE THE WALL BOX ON THE BLOCK WALL, ENSURING THE FRONT SURFACE OF THE WALL BOX IS FLUSH WITH THE CONCRETE BLOCK WALL. ENSURE MORTAR IS APPLIED TO TOP, BOTTOM, SIDES AND ALL BLOCK WEBS. ALL SEAMS AROUND THE WALL BOX SHOULD BE FILLED WITH MORTAR.
 - **NOTE:** IT IS IMPORTANT THAT THE CONSTRUCTION COVER IS INSTALLED ON THE WALL BOX PRIOR TO PLACING THE WALL BOX ON THE BLOCK WALL AND BEFORE ANY CONCRETE BLOCKS ARE PLACED ABOVE THE UNIT.



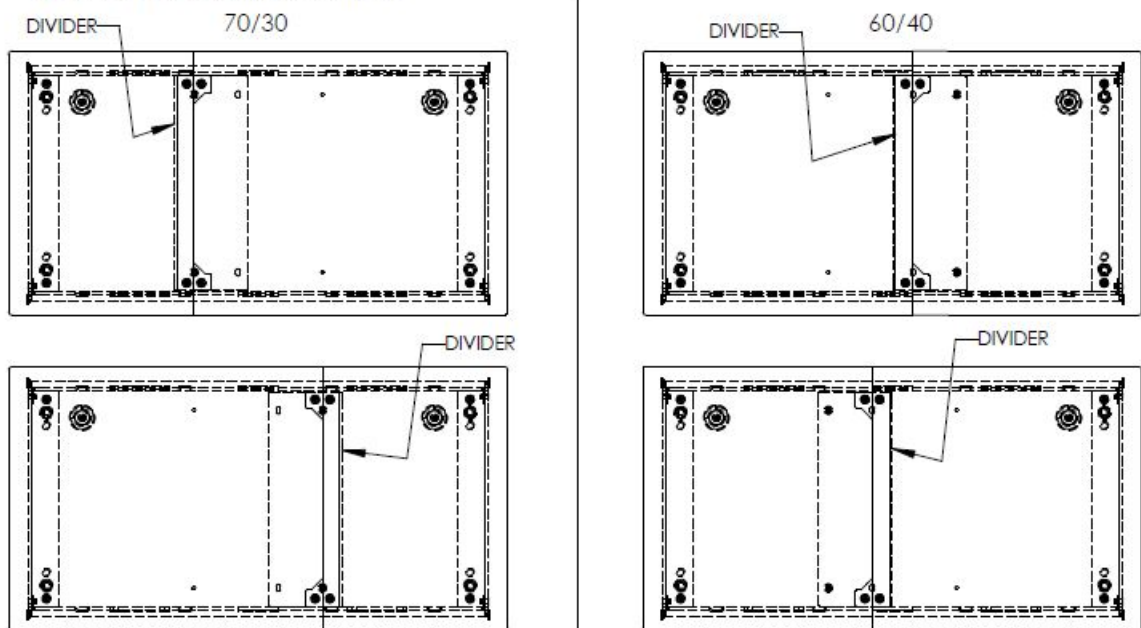
ELECTRICAL INSTALLATION

1. AFTER MORTAR HAS SET REMOVE AND DISCARD THE CONSTRUCTION COVER AND HARDWARE.
2. DETERMINE DIVIDER LOCATION AND INSTALL DIVIDER WITH HARDWARE PROVIDED.
3. COVERS ARE TO BE PROVIDED BY THE CUSTOMER. A DXF IS PROVIDED ON FSR'S WEBSITE, TO BE USED AS A GUIDELINE IN THE MANUFACTURING OF THE COVER PLATES. DETERMINE WHICH SET OF COVERS IS NEEDED BASED ON THE LOCATION OF THE DIVIDER, USING THE CORRESPONDING DXFS PROVIDED. INSTALL COVERS WITH HARDWARE PROVIDED.
 - **NOTICE:** FOR INSTALLATION BY A QUALIFIED ELECTRICIAN IN ACCORDANCE WITH ALL NATIONAL AND LOCAL ELECTRICAL CODES.

TYPICAL COVER/DIVIDER INSTALLATION



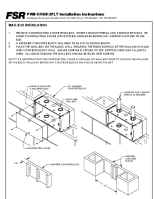
4 POSSIBLE DIVIDER LOCATIONS



CONTACT

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Documents / Resources



[FSR PWB-CMU8-2PLT Wall Box for Custom Connector Plates](#) [pdf] Installation Guide
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