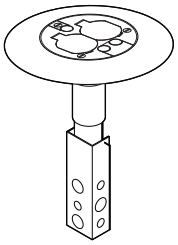
INSTALLATION INSTRUCTIONS

Poke-Through System, flush floor base units

Fitting single duplex power plus tele/data

Steel City®



CAUTION:

- **Product should be installed by a qualified electrician in accordance with national and local electrical codes.**

WARNING:

- **Risk of shock, disconnect power before installation.**

Important notes:

1. This flush POKE-THROUGH system is designed to maintain the hourly rating of concrete floors having ratings of 1 to 4 hours, when installed in accordance with these installation instructions.
2. To maintain fire resistance classification rating either of the following must be installed:
   a. A complete ABB service fitting, including the service fitting base and service fitting cover.
   or
   b. An abandonment kit, Catalog No. FPT415.
3. See product category "outlet boxes and fittings" classification for fire resistance standards. This can be found in the current Underwriters Laboratories, Inc." Fire Resistance Directory," which includes a listing for the fire resistance classification of the ABB Modular Poke-Through System.
4. All installations of UL listed Poke-Through service fittings have the following restrictions: "Minimum of 2 ft. on center and not more than one device per 65 sq. ft. of floor area in each span."
5. This through-floor fitting will mount several types of ABB UL listed service fittings which will accommodate different combinations of power, telephone and data. Determine location and orientation of mounting screw holes for the specific service fitting chosen prior to installation. **Consult the enclosed addendum for more details.**
6. All flush Poke-Through covers are UL Listed for scrub-water exclusion while in the closed position with gaskets installed, silicone sealant applied and thread sealer used where applicable.

Important

Read and understand all instructions and safety information before use. Be aware of proper usage and potential hazards.

Installation instructions:

Step 1

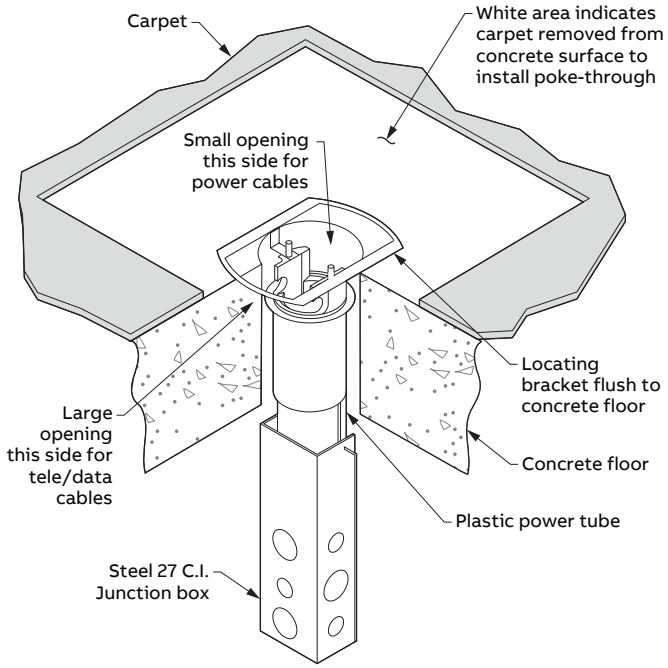
Note: It may be necessary to move or remove carpeting to allow proper installation of through-floor fitting.

IMPORTANT: See Note 4 under Important notes.

a. Core or bore a 3" diameter hole through floor.
b. Insert through-floor fitting into hole and orient plastic power tube into desired position. Make certain locating bracket is flush with concrete floor.

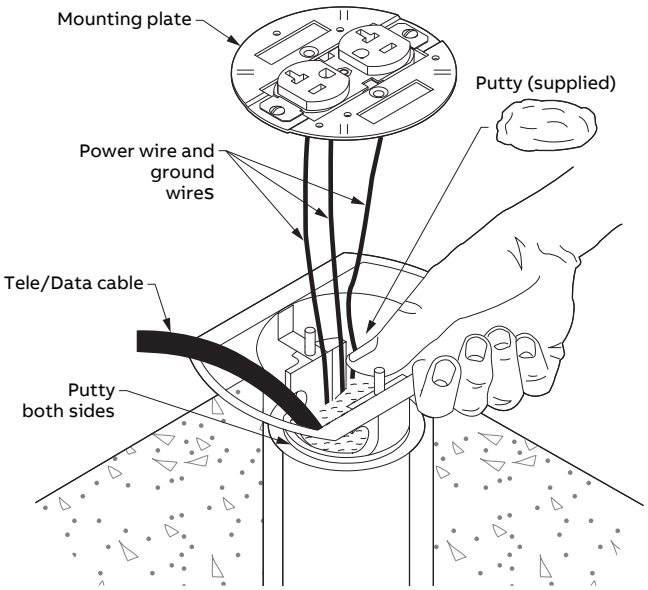
Note: Careful consideration must be given to final pedestal location and orientation prior to engagement of retainer clips to ensure desired final pedestal installation.

IMPORTANT: Not for use on bare concrete or floor coverings less than ¼" thick.



Step 2

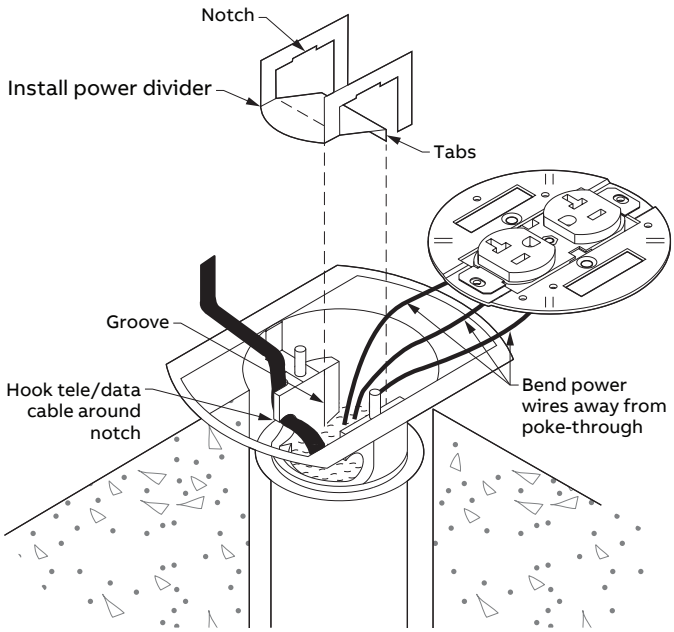
1. Ensure that all electrical power is disconnected and that wires are de-energized. Feed power wires into power side of poke-through. Leave maximum 4" of wire above floor.
2. Draw tele/data cable(s) out through top of device as shown.
3. Fill inside of poke-through device with putty supplied. Press firmly into place around all wires. Use all putty material supplied.
4. Attach device to mounting plate. Connect power wires and ground wire to device in accordance with the National Electrical Code and local codes.



Step 3

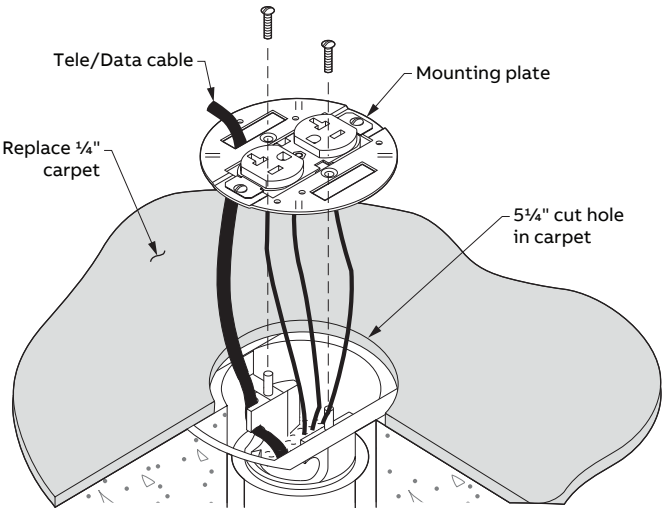
1. Hook tele/data cable(s) around notch in side of poke-through device as shown in.
2. Insert power divider into top of poke-through device by sliding tabs into grooves. Slide power divider down until top of poke-through fits into notch.

ATTENTION: The correct installation of the power divider is essential for the safe and proper operation of the assembly. Be sure to maintain a clear separation between power wires and tele/data cables as shown.



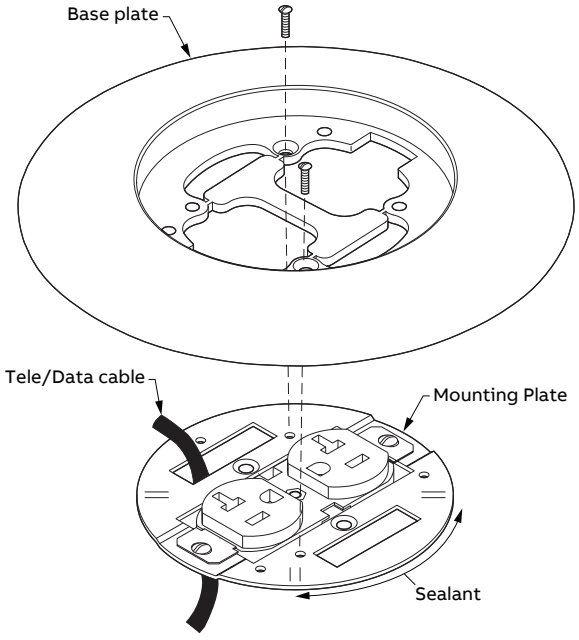
Step 4

1. Replace ¼" thick carpet.
2. Cut 5¼" hole in carpet over poke-through.
3. Feed tele/data cable(s) into mounting plate as shown.
4. Attached mounting plate to poke-through with screws furnished. **NOTE:** Divider not shown for clarity.



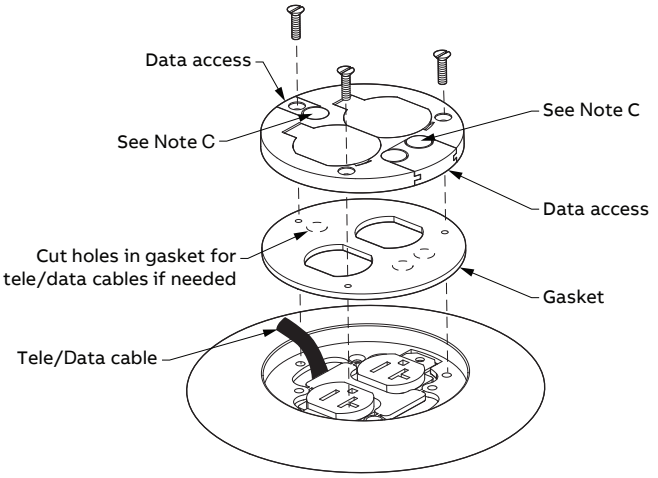
Step 5

1. Apply a continuous bead of silicone sealant around mounting plate underneath base plate to provide scrub water exclusion.
2. Attach base plate to mounting plate with two flat head screws furnished. Ensure silicone makes a complete seal between floor and base plate.



Step 6

1. Install gasket between cover and base plate.
2. If tele/data cable(s) are used, cut holes in gasket to pass cable(s) through.
3. If tele/data cable(s) are used, pull out appropriate data access and install grommet. Pass tele/data cable(s) through grommet.
4. Attach cover to base plate with mounting screws (quantity 3) provided, 8 lbs.-in. torque maximum.



Replacement instructions for other ABB fire-rated pedestals

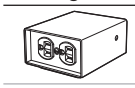
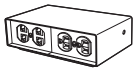
CAUTION:

- **Product should be installed by a qualified electrician in accordance with national and local electrical codes.**

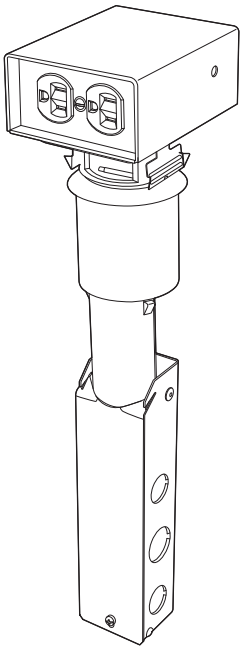
WARNING:

- **Risk of shock, disconnect power before installation.**

Product selection

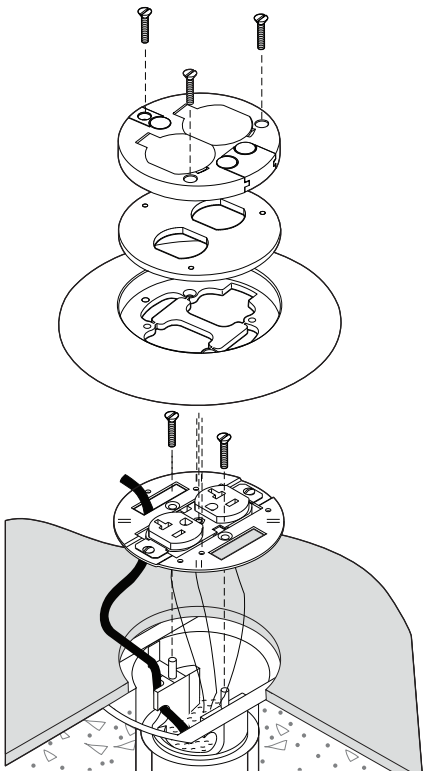
Drawing	Part no:	Description
	FPT401A	FPT pedestal, accepts 2 device plates, poke-through base unit purchased separately (2⅝" high, 4" wide, 4⅞" deep)
	FPT421	FPT pedestal, accepts 4 device plates, poke-through base unit purchased separately, (2⅝" high, 4" wide, 4⅞" deep)

Note: Product must be installed in accordance with applicable national and local electrical codes.



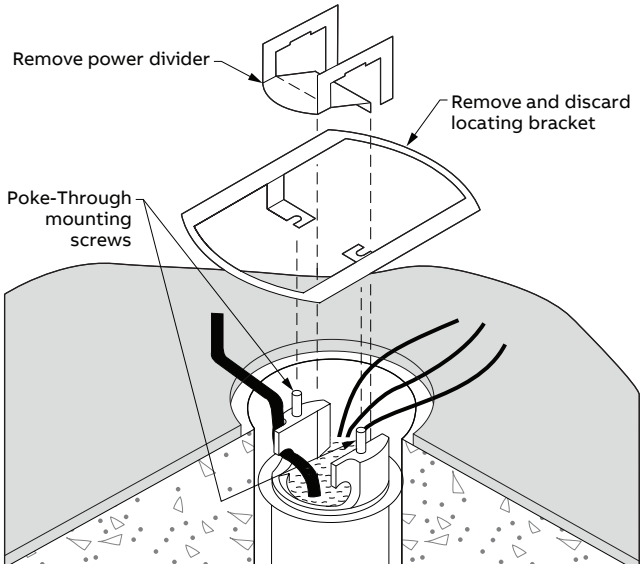
Step 1R

1. Remove receptacle and cover plate assembly by removing screws on top.
2. Disconnect power and ground wires from receptacle. Remove tele/data cable(s) from cover plate assembly. **NOTE:** Divider not shown for clarity.



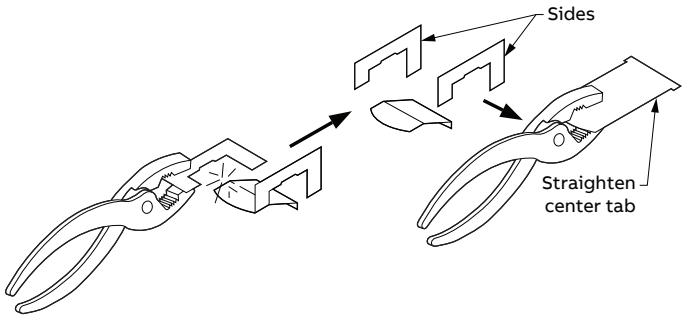
Step 2R

1. Remove power divider from top of poke-through device.
   NOTE: It may be necessary to move or remove carpeting during retrofit installation.
2. Loosen poke-through mounting screws 3-4 full turns.
3. Remove locating bracket by rotating clockwise and lifting out.
4. Tighten mounting screws.



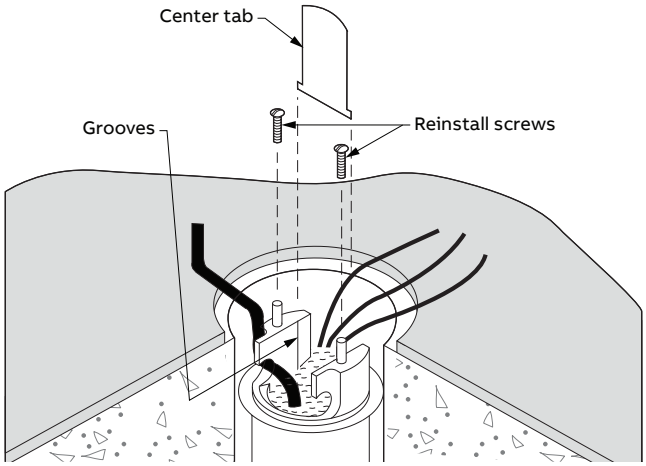
Step 3R

1. Break off sides of power divider with pliers as shown.
2. Straighten center tab with pliers.



Step 4R

1. Install tab into groove in poke-through device as shown.
2. Reinstall screws into poke-through device as shown.
3. If carpeting was removed in Step 2R, replace carpet.
4. Install floor pedestal according to instructions supplied with pedestal.



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