Initiate™ Flexconnect™ ELECTRICAL SYSTEM (8-wire)

INSTALLATION INSTRUCTIONS

⚠WARNING

Connection to a power source, by a licensed electrician, and quantity of receptacles used for a given circuit must be in compliance with all national and local electrical codes. Connect a maximum of 13 receptacles (12 in Canada, and fewer in certain U.S. locales) to one circuit. Consult applicable national and local electrical codes.

Disconnect electrical connections between panels prior to removal of a mechanical connection. Ensure that the power supply is disconnected prior to disconnecting any electrical components.

When electrical components are interconnected from one panel to another, the panels must be mechanically connected per the appropriate panel-to-panel installation instructions.

Failure to observe these warnings could result in a fire or electrical shock.

Illustration 1. General Configuration and Component Identification:

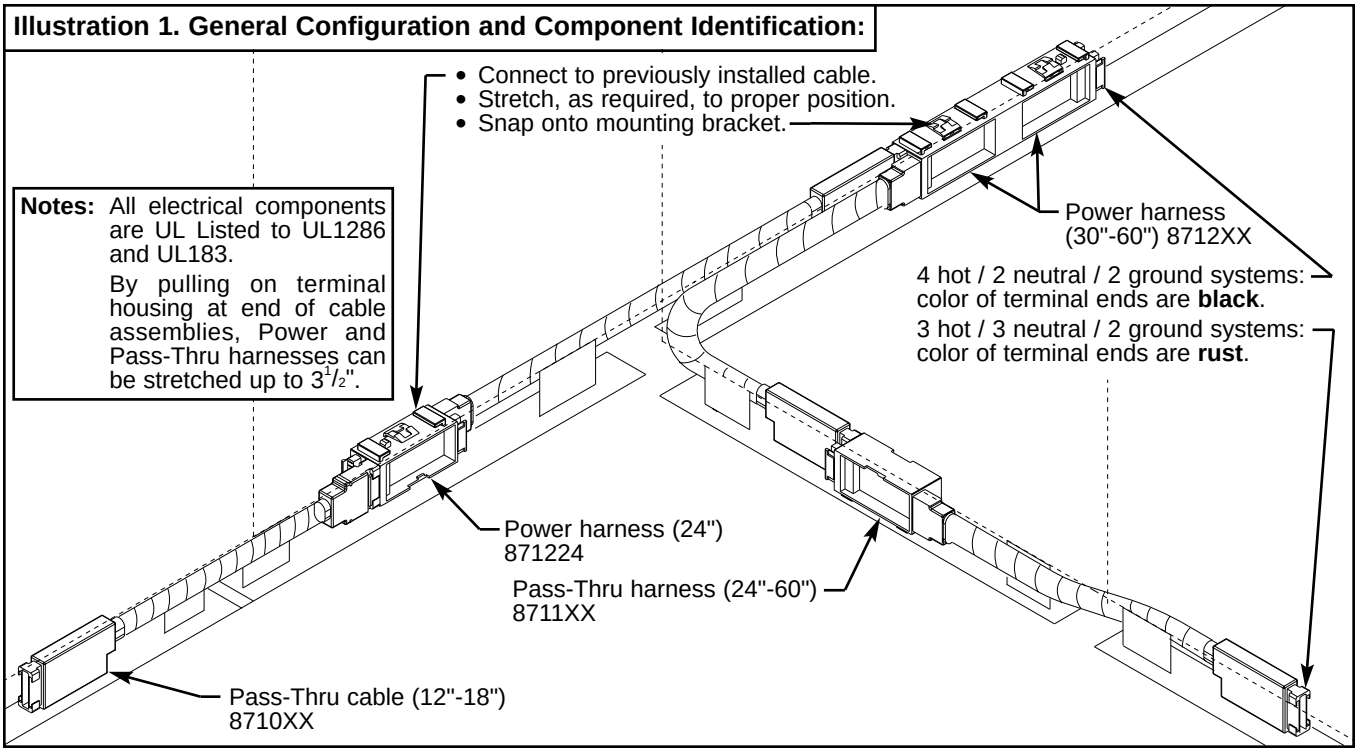
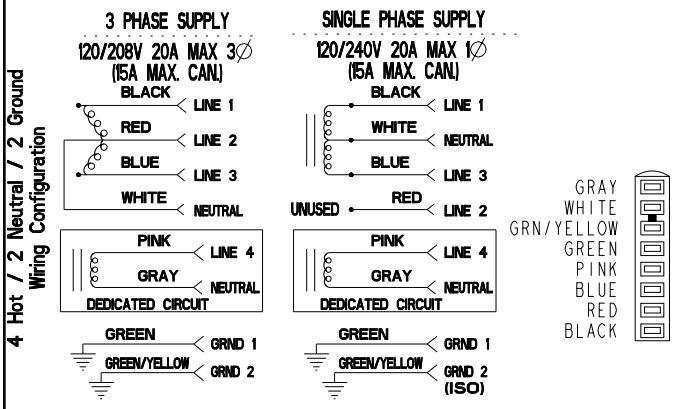
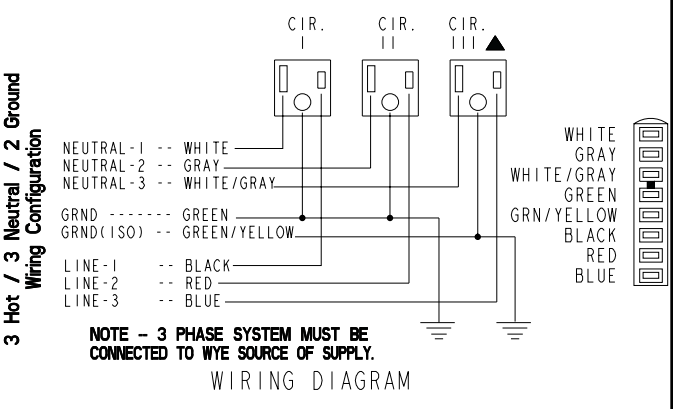


Illustration 2. Electrical Wiring Diagrams:



Component Identification: Color of terminal ends and receptacle backs are BLACK.



Component Identification: Color of terminal ends and receptacle backs are RUST.

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To facilitate ease of configuration of electrical components:

- At least one power harness should be used at a **Tee** connection, when all 3 panels are powered.
- At least two power harnesses should be used at a **Cross** connection, when all 4 panels are powered.
- A power harness should be used in a panel positioned at the end of a panel run (See Illustration. 3).
- A power harness should be used in a panel, adjacent to a power pole location, into which a ceiling in-feed is to be connected.
- Power harness should be used in panels adjacent to 12" and 18" wide panels.
- When multiple 12" wide and 18" wide panels are used at a **Tee** or **Cross** junction, an additional 12" wide or 18" wide pass-thru cable is required.
- Pass-thru cables for 12" wide panels must be routed in a straight line into adjacent panels (cannot be routed at 90° angle); therefore:
- no more than one 12" wide panel should be used at 90° junction.
- no more than two 12" wide panels should be used at a **Tee** or **Cross** junction, and the two should be positioned in-line.

Illustration 3. Powering Last Panel, at End of Panel Run:

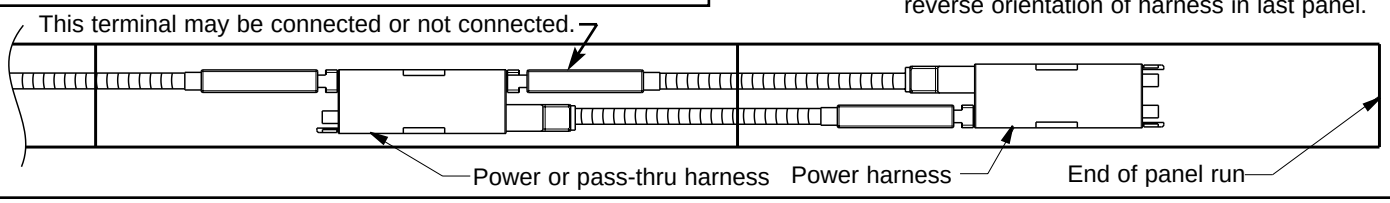


Illustration 4. Power/Pass-Thru Harness Installation in Panel Base Rail Area:

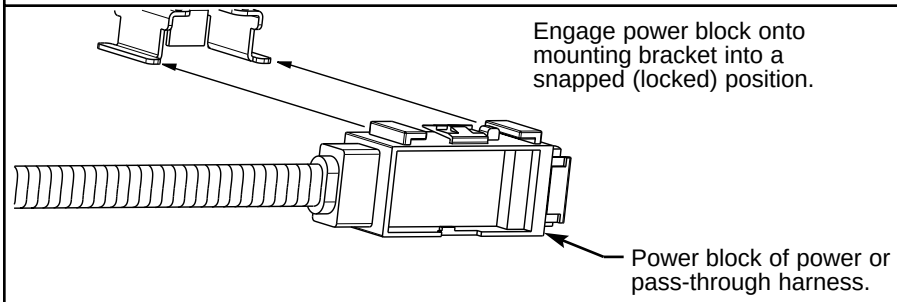


Illustration 5. Power Block Removal:

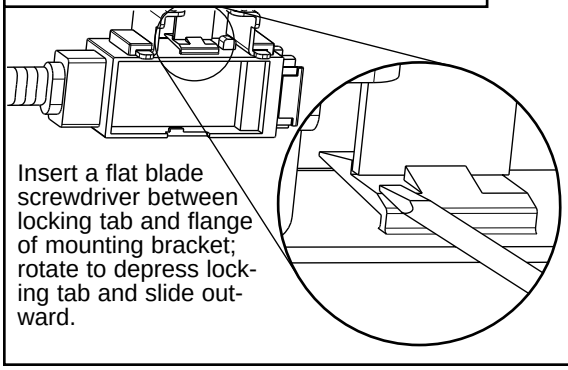


Illustration 6. Receptacle Installation/Removal:

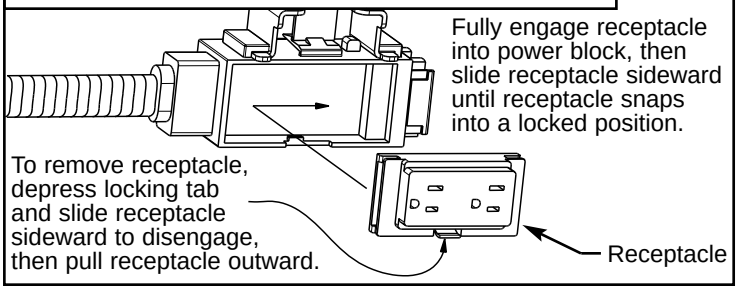
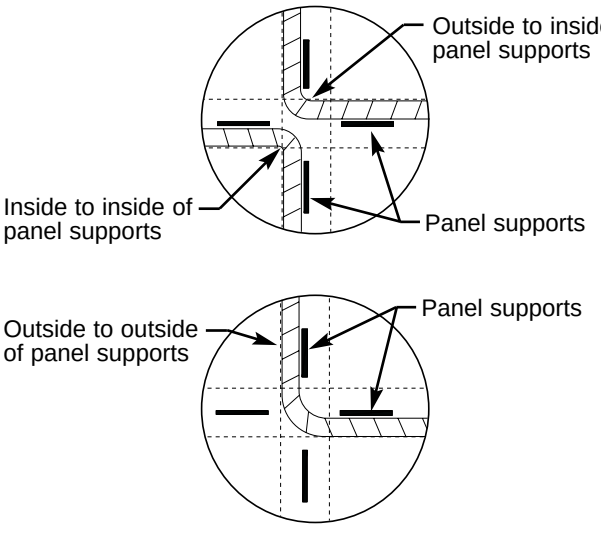


Illustration 7. Routing, at Base Rail Panel Junctions:



Pull cable to extend length to:

- Reach to adjacent connection point, and
- Prevent interference with base rail covers at corners.

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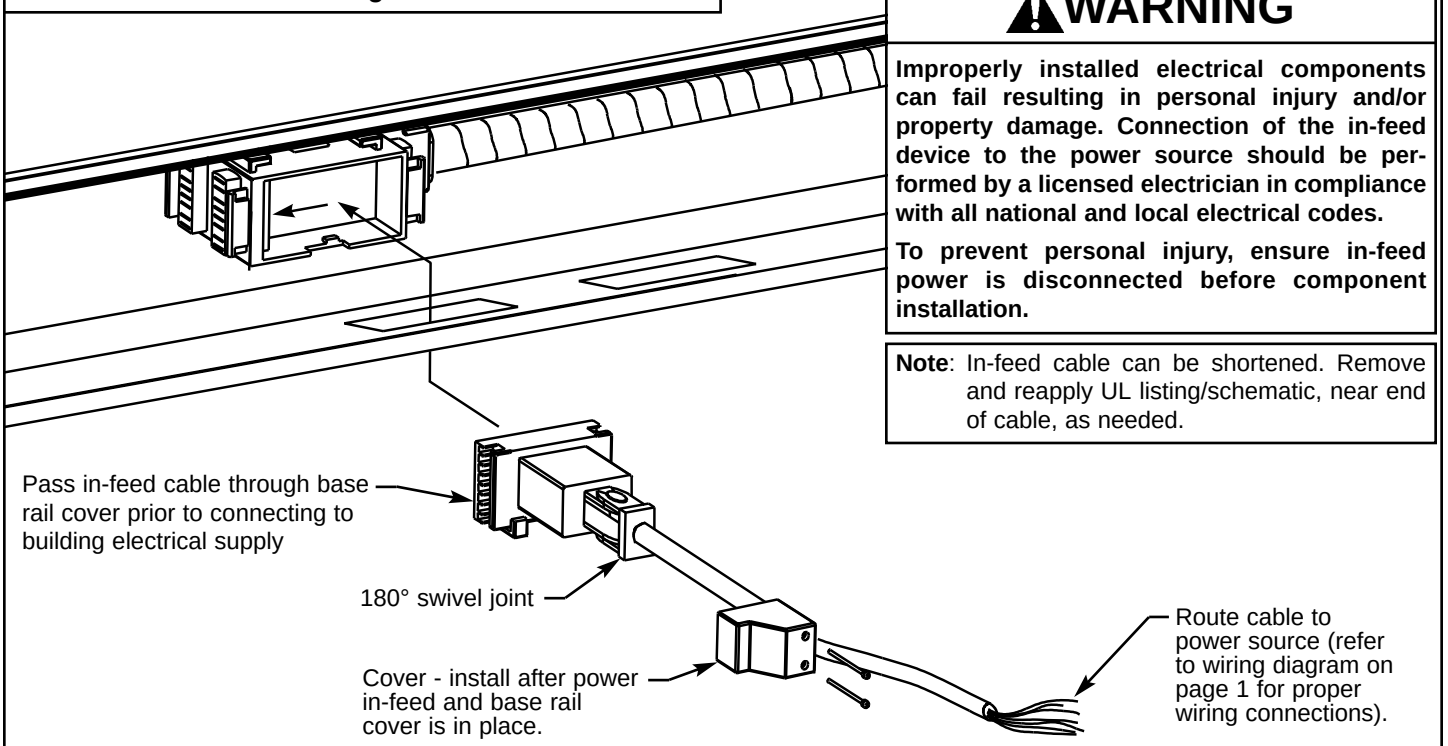
Illustration 8. Base or Ceiling Side In-Feed Installation:



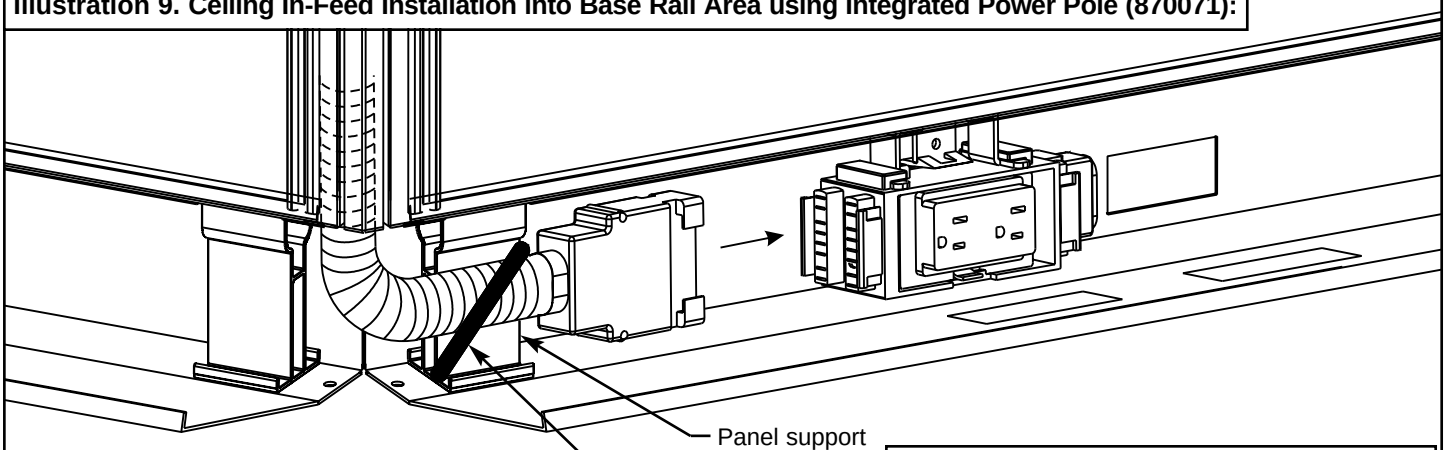
⚠WARNING

Improperly installed electrical components can fail resulting in personal injury and/or property damage. Connection of the in-feed device to the power source should be performed by a licensed electrician in compliance with all national and local electrical codes.

To prevent personal injury, ensure in-feed power is disconnected before component installation.

Note: In-feed cable can be shortened. Remove and reapply UL listing/schematic, near end of cable, as needed.

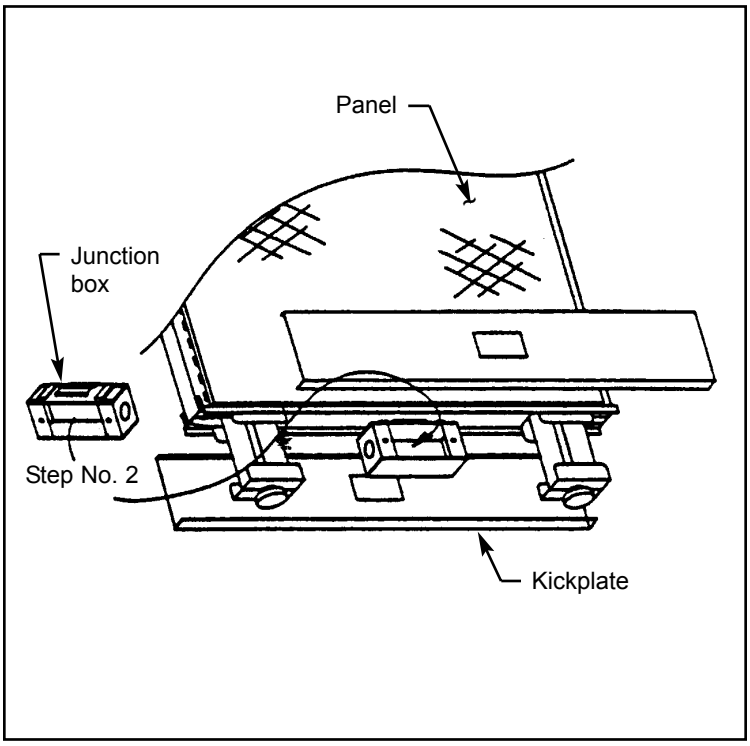
Illustration 9. Ceiling In-Feed Installation into Base Rail Area using Integrated Power Pole (870071):



Note: For information regarding installation of power poles, refer to the Power Pole Installation Instructions.

HARDWIRE JUNCTION BOX

Illustration 1



Read all instructions and review illustrations before installing.

Tools required for assembly:
None

This assembly includes:
(6) Junction Box

⚠WARNING

Improperly installed electrical components can fail resulting in personal injury and/or property damage. Installation of electrical devices should be performed by a licensed electrician in compliance with all national and local electrical codes.

Installation (refer to Illustration 1):

1. Remove/open panel kickplates.
2. Where electrical receptacles are desired, snap junction boxes onto baserail brackets as described below:

   24" wide panel - (1) On either side of panel.

   30" to 60" wide panel - (2) One on each side, or two on either side of panel.
3. Connect conduit from junction box to junction box and to power source.

NOTE

Customer is responsible for providing all conduit, wiring, receptacles, and plugs (if applicable) into unused holes of junction boxes.

$^1/_2$" UL recognized extra flex (Super Flex) conduit should be used (Anaconda DE-710 or equivalent). $^1/_2$" trade size UL listed conduit cannot be used at 90° degree panel connections.

4. Install designer style receptacles.
5. Reinstall/close panel kickplates.

INSTALLATION INSTRUCTIONS