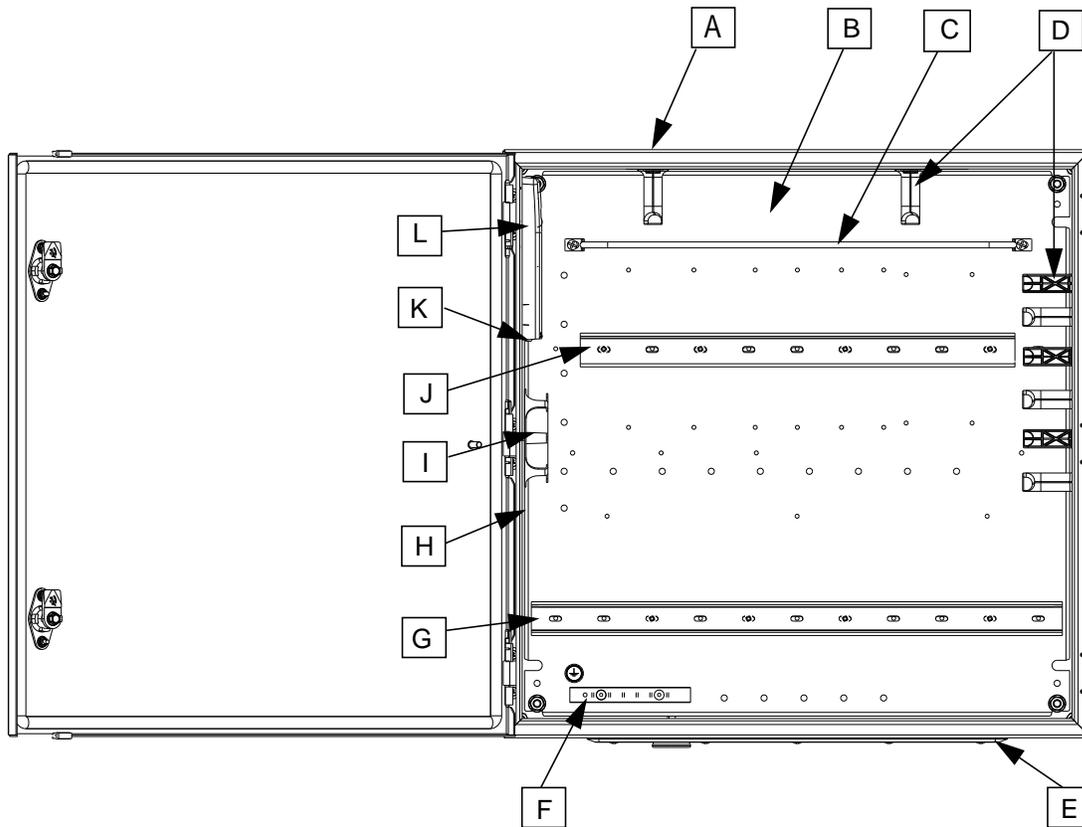


Z22C-** Preconfigured Network Zone System



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Integrated Network Zone System Z22C-configurations include the following:**

Pictured Above

- A). 24" x 24" Enclosure
- B). Preconfigured Back Panel
- C). Strain Relief Bar
- D). Management Slack L-rings
- E). Gland Plate
- F). Ground Bar
- G). 21.0" Din Rail
- H). Accessory Side Panels
- I). Fiber Spool
- J). 17.75" Din Rail
- K). LC Fiber Optic Modules (6)
- L). Fiber Surface Mount Box

Not Pictured

- M). Hook and Loop Ties
- N). Cable Tie Push Mounts
- O). Cable ties
- P). High Voltage Barrier
- Q). LC Fiber Patch Cords (2)
- R). CAT6 Copper Patch Cords (8)
- S). CAT6 Mini-Com Modules (8)

Preconfigured Network Zone Z22C-** Specifications			
Enclosure Rating	UL Type 4/12 and IP66 (IEC 60529), NEMA 4X available		
Installation	Wall mount with optional outside-mount flange		
Dimensions	Height	Width	Depth
	24" (610 mm)	24" (610 mm)	11.7" (297 mm)
Weight	75 lbs. (34.0 kg)		

Tools and supplies needed to complete install of Preconfigured Zone System: (not included)

- Fiber-optic trunk cable: FSPD504 or similar
- LC Fiber-optic connectors: FLCDMCAQY or similar
- Fiber-optic termination tools: OptiCam termination kit or similar
- Category 6 copper cable for downlinks: PUR6504BU-UY or similar
- Copper cable termination tools: wire cutters, EGJT tool
- Rigid conduit for power and copper downlink cables
- Tools to cut enclosure sidewalls: Greenlee punch or similar
- 5/16" bolts for wall mounting of steel enclosure
- #6 AWG Infrastructure ground cable: RGEJ660PF or similar
- 3/8" bolts for wall mounting of stainless steel enclosure
- 3/8" socket or box wrench ground bar

SAFETY INFORMATION

The information and instructions contained in this document are not intended to be utilized as a substitute for proper training and experience in the safe installation and operation of product. Prior to installation, it is the Buyer's responsibility to consult with the appropriate local Authority Having Jurisdiction (AHJ) for all applicable codes, permits, regulations and standards. This product, including any equipment that may be installed inside, should only be installed and serviced by a licensed electrical contractor, or competent technician, that meets the following qualifications;

- Is thoroughly familiar with this product and the instructions for installation and operation
- Is trained (accredited) in industry-accepted safe operating practices and procedures regarding identification and mitigation of high- and low- voltage hazards and situations.
- Is trained to identify and install appropriately-sized Branch Circuit Disconnect(s) with appropriately-sized Branch-Circuit Protective Rating and Short-Circuit Current Rating (SCCR), before connecting Panduit product to the branch circuit.
- Is trained and authorized to energize, de-energize, clear and ground power distribution equipment.
- Is trained in the care and use of appropriate PPE (personal protective equipment) including, but not limited to; arc-flash protective clothing, safety glasses, face shield, hard hat, gloves and non-conductive tools (clamp stick, hot stick, etc.).

WARNING



Be sure wall is capable of supporting cabinet and equipment.

DISCLAIMER OF WARRANTIES AND LIMITATION OF LIABILITIES

The practices contained herein are designed as a guide for use by persons having technical skill at their discretion and risk. Panduit does not guarantee any favorable results or assume any liability in connection with these instructions. Local, State, Federal, and Industry Codes and Regulations, as well as manufacturers requirements, must be consulted before proceeding with any project. Panduit Corp. makes no representations of nor assumes any responsibility for the accuracy or completeness set forth herein. Panduit disclaims any liability arising from any information contained herein or for the absence of same.

Wall Mounting Bracket Installation

Note: The enclosure may be mounted to the wall without the mounting brackets

Step 1: Turn enclosure on its side with the locks orientated towards the top. Using Latch Tool, turn both locks towards each other to open door.

Step 2: Install Wall Mounting Brackets into back of the enclosure aligning threaded studs on brackets to holes located in back of the enclosure. Be sure obround mounting holes on the wall mounting bracket align outward.

Step 3: Secure Wall Mounting brackets using sealing washers and (1) per threaded stud.

Torque spec:

Steel Enclosure: 5/16" washers = 30 in-lbs

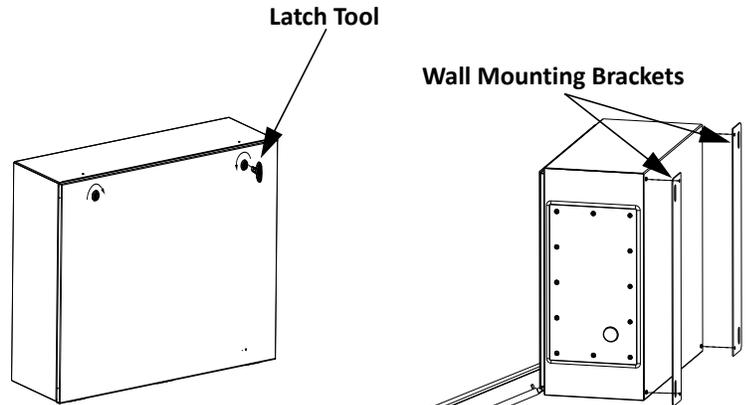
Stainless Steel Enclosure: 3/8" washers = 40 in-lbs

Step 4: Close Door. Using Latch Tool, turn both locks to secure the door.

If Mounting Flanges are not used:

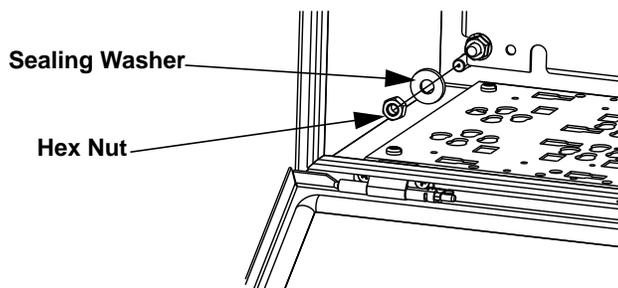
For Steel Enclosure: Use 5/16" Sealing Washer (supplied) and a 5/16" Bolt (not supplied) in the locations where the threaded studs in the mounting flanges would go to mount enclosure directly to wall.

For Stainless Steel Enclosure: Use 3/8" Sealing Washer (supplied) and a 3/8" Bolt (not supplied) in the locations where the threaded studs in the mounting flanges would go to mount enclosure directly to wall.

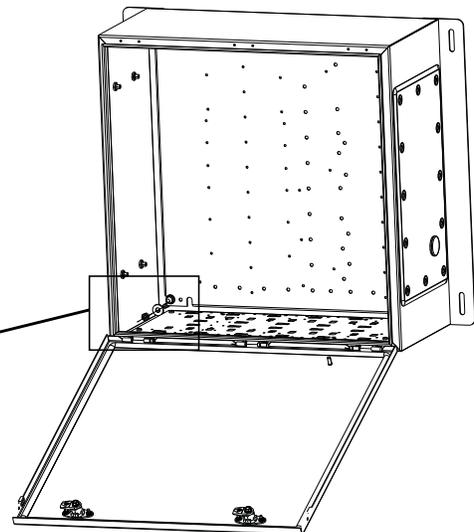


Step 1

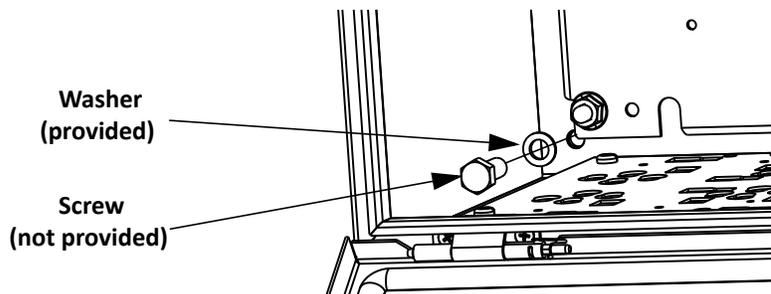
Step 2



Detail View



Step 3



Wall Mounting

Enclosure may be mounted on any wall utilizing Unistrut or by drilling directly into any concrete wall. There are two mounting hole locations on the top flange and two locations at the bottom flange.

Step 1:

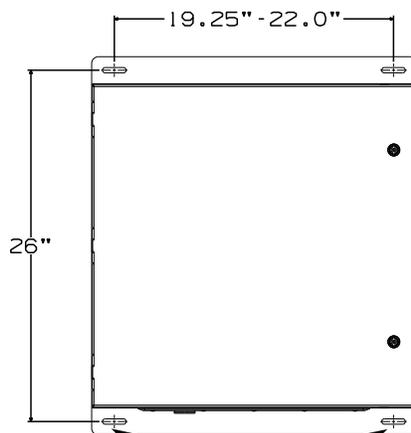
Drill holes 19.25"-22" apart horizontally and 26" apart vertically.

Step 2:

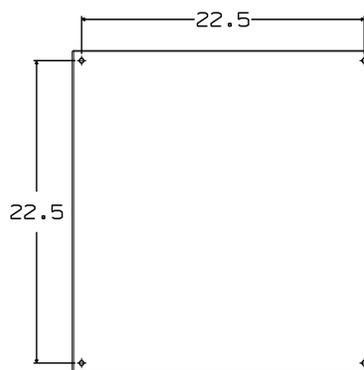
Mount the enclosure with the locks to the right and secure.

If mounting flanges are not used:

The holes in the wall will be 22.5" apart horizontally and 34.5" apart vertically.



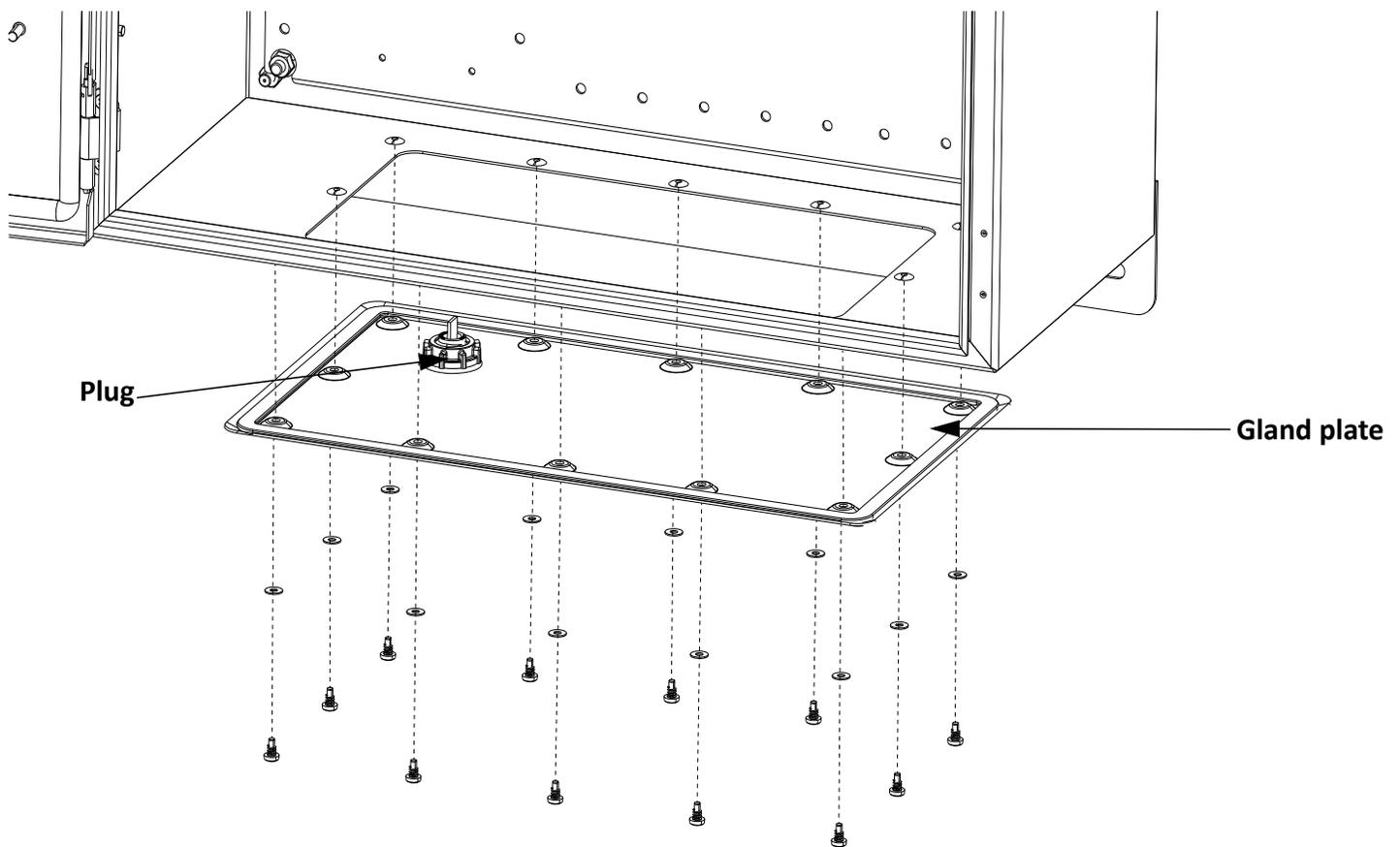
Hole Locations for Wall Mounting



Backview for wall mounting

Removable Gland Plate

The Gland Plate, located on the bottom of the enclosure, is removable for machining to accept bulkhead connectors or compression fittings. Remove (12) screws and (12) flat washers on the bottom of the enclosure to remove plate from the enclosure. Accommodations for incoming conduit have been supplied on the enclosure. A 1/2" conduit plug is installed in the recommended incoming power location. Recommend installation of IP66 rated conduit fittings that comply with the IEC codes that are applicable to the intended application. When reinstalling the gland plate, ensure the screws are tightened until the gland plate flanges make contact with the enclosure surface.



Reversible Door

The enclosure comes with the door opening to the left.

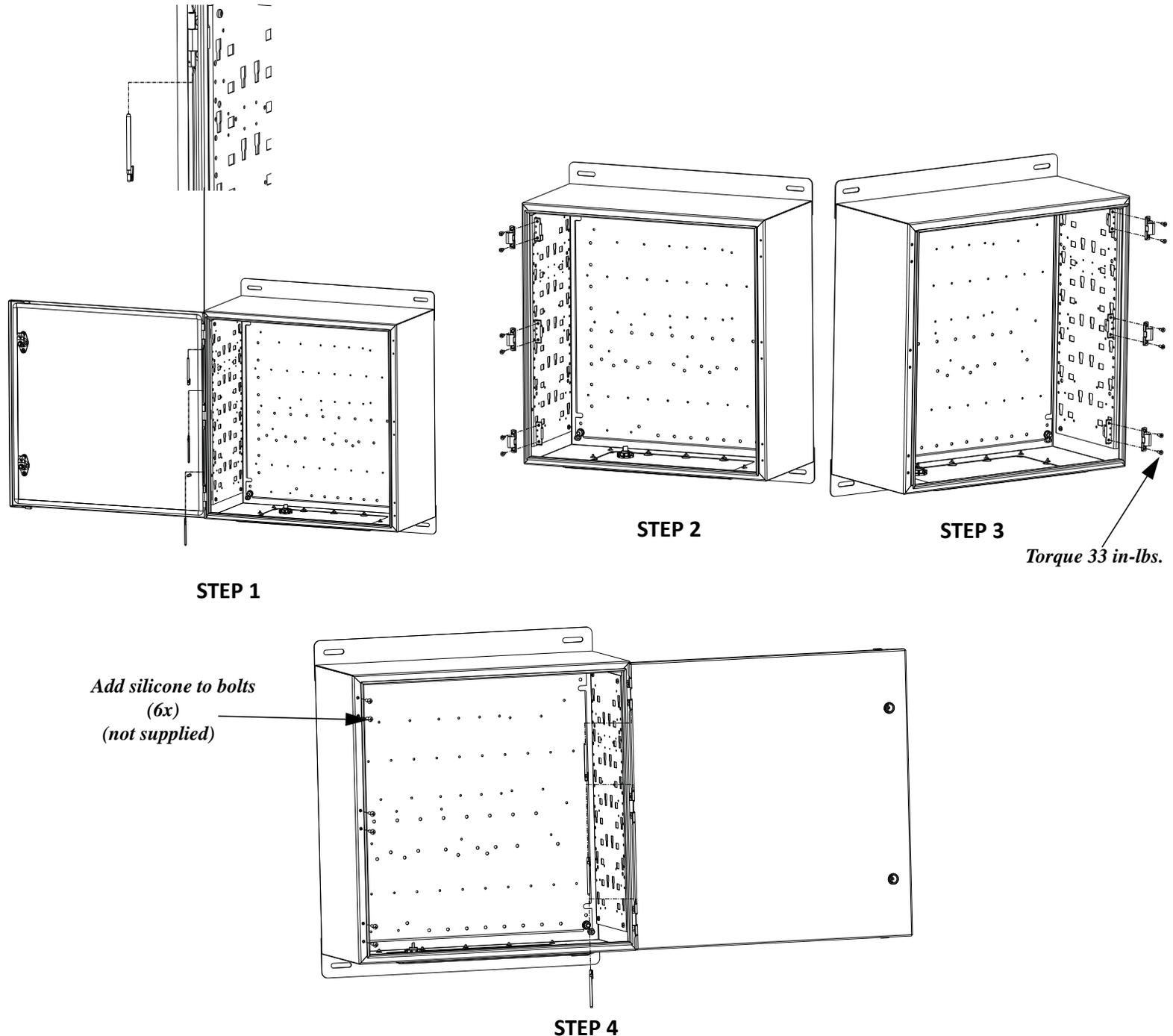
The door may be reversed to open to the right.

Step 1: Remove pins from the door hinges.

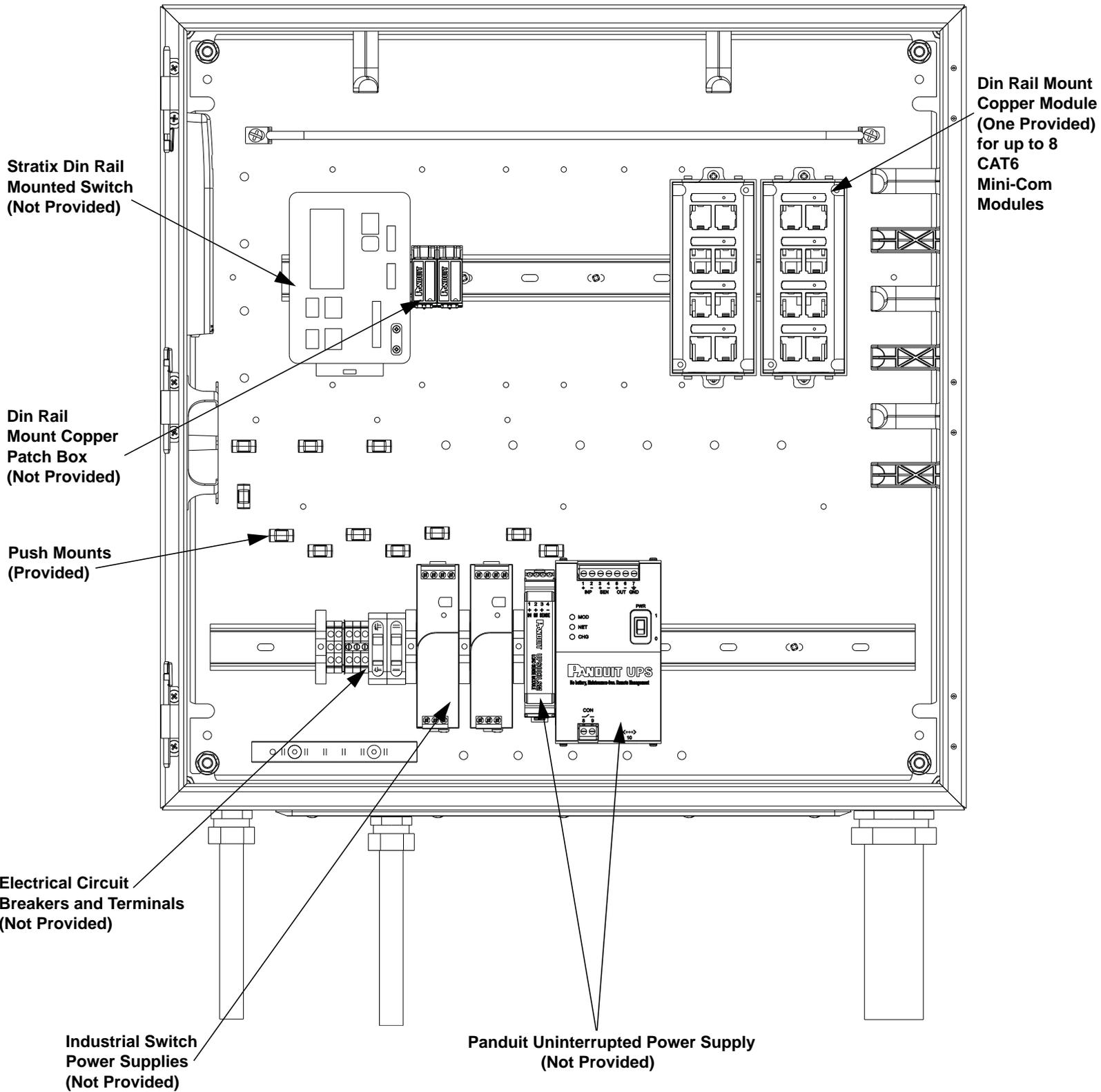
Step 2: Remove screws and door hinges

Step 3: New Hole locations will have to be drilled or punched out. Reinstall hinges and screws on opposite side.

Step 4: Turn door 180 degrees and mount to the opposite side of the enclosure. Insert the same pins to secure the door.

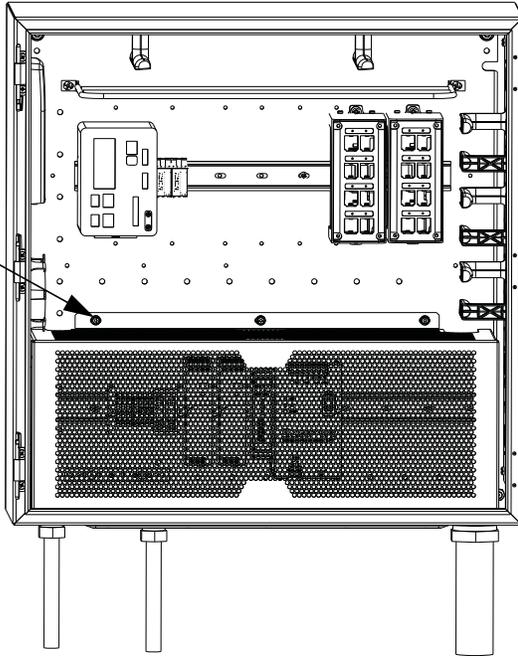


Proposed Layout



Cage Removal

Remove (3)
#10-32 screws

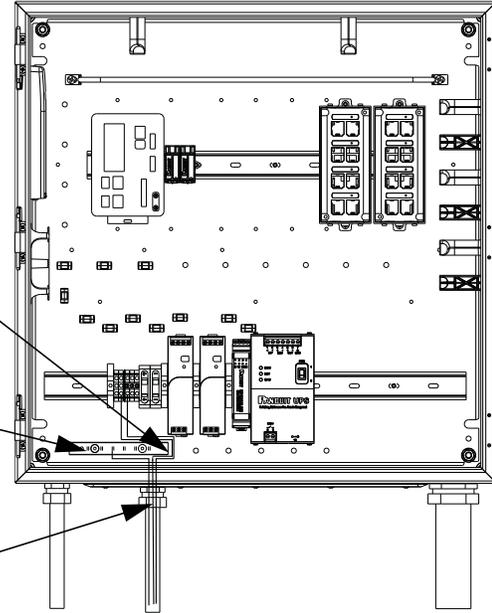


Recommended Installation Instructions for Power Entry

Remove plug in gland plate and replace with conduit fitting. Recommend installation of IP66 rated conduit fittings that comply with the IEC codes that are applicable to the intended application.

Connect infrastructural ground to ground

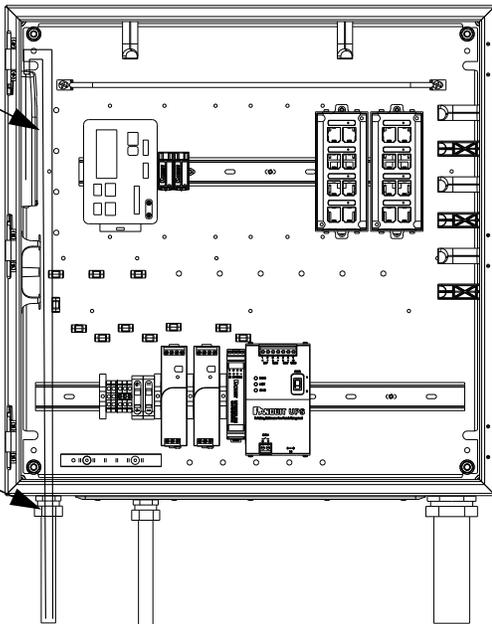
Power Conduit Entry



Recommended Installation Instructions for Uplink Entry

Uplink Cable (fiber shown) spooled in the surface mount box

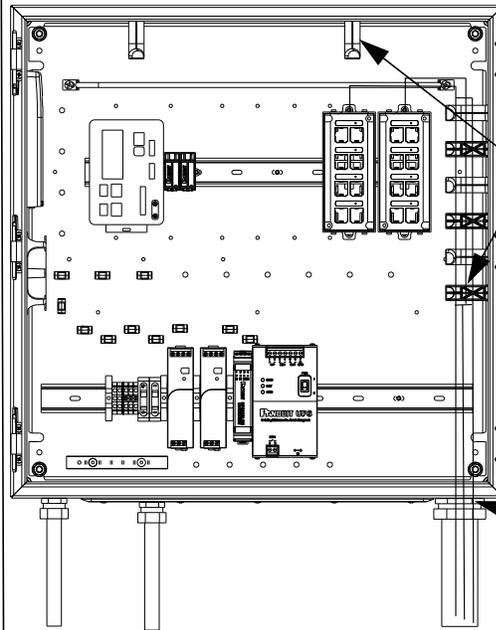
Uplink Cable Conduit Entry



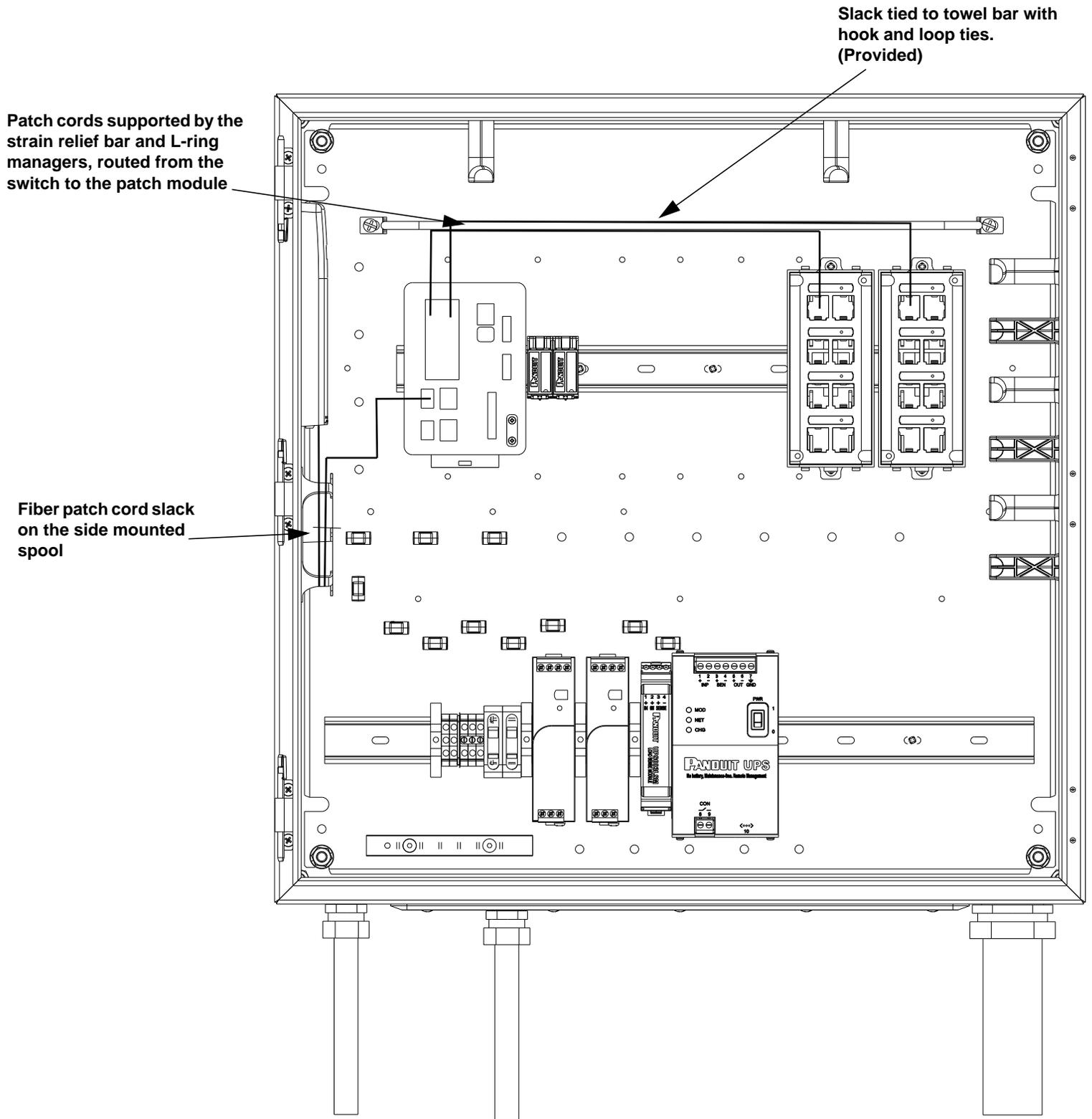
Recommended Installation Instructions for Downlink Entry

Slack loop formed around the L-ring cable managers

Downlink Cable Conduit Entry



Patch Cord Routing



<p>For Instructions in Local Languages and Technical Support: http://www.panduit.com/wcs/Satellite?pagename=PG_Wrapper&friendlyurl=/en/support/contact-us</p>	 <p>PANDUIT www.panduit.com</p>	<p>E-mail: tp-csdebt@panduit.com</p> <p>Fax: (800)777-3300</p>
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