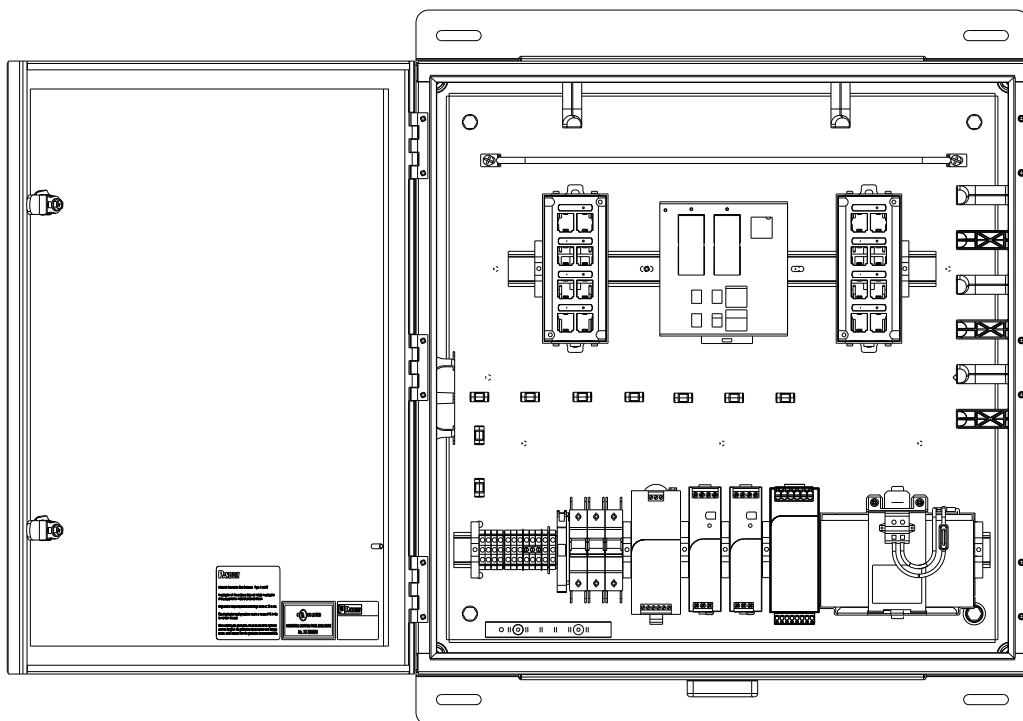


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Z22N-*****



Integrated Network Zone System Z22N-*** configurations include an enclosure with required connectivity and cable management, internal factory-connected wiring and includes partner equipment as-specified on the Field Wiring Diagram supplied inside each unit. Depending upon the configuration, condensate drains or vents may be included.**

Additional partner equipment may include one or more of the following DIN-Rail mountable items:

- a). Industrial automation switch
- b). Industrial automation switch expansion module
- c). Power supply
- d). UPS (uninterruptable power supply)
- e). Circuit breaker
- f). Battery
- g). Wiring terminal
- h). Fuse holder
- j). Field-wiring terminal for customer-supplied ground
- k). Field-wiring terminal for customer-supplied power input wiring

Wall Mounting Bracket Installation

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

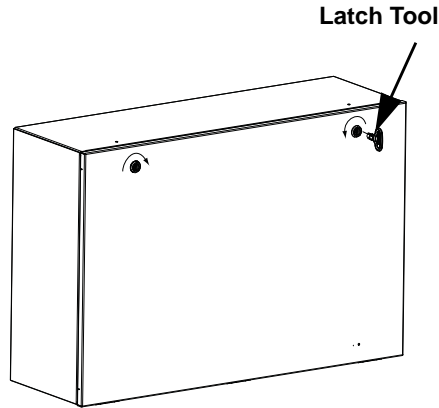
Step 1: Turn enclosure on its side with the locks orientated towards the top. Using Latch Tool, turn both locks towards each other to open door.

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 (1) 5/16" Sealing Washer and (1) 5/16-18 Hex Nut per threaded stud. **Torque maximum is 15 in-lbs.**

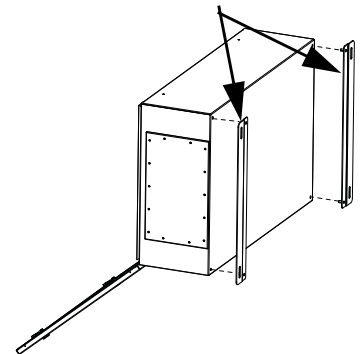
Step 4: Close Door. Using Latch Tool, turn both locks counterclockwise to secure the door.

If Mounting Flanges are not used: 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.

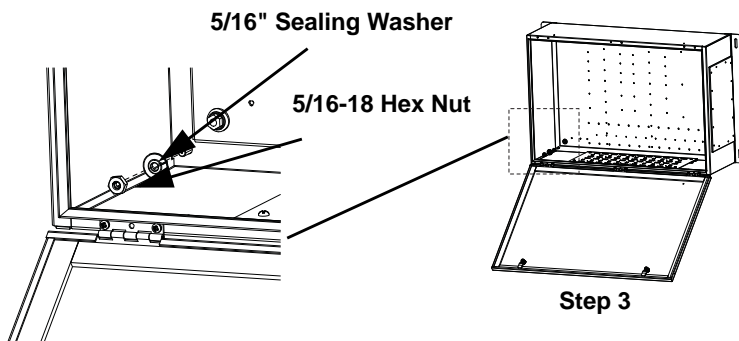


Step 1

Wall Mounting Brackets



Step 2

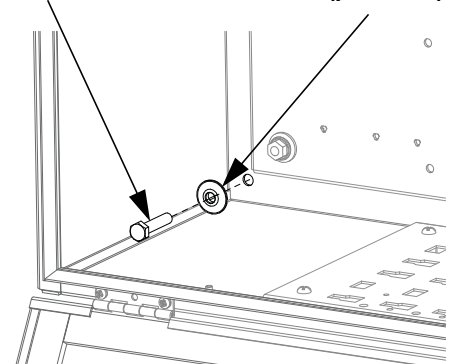


Step 3

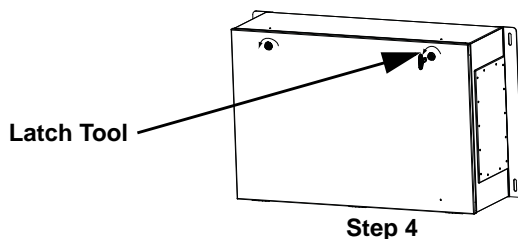
Detail View
4 Places

5/16" Screw
(not provided)

5/16" Washer
(provided)



Mounting Flanges not used
(4 places)



Step 4



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 own 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

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.

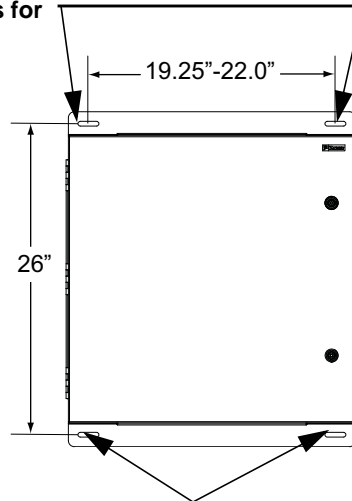
Step 2:

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

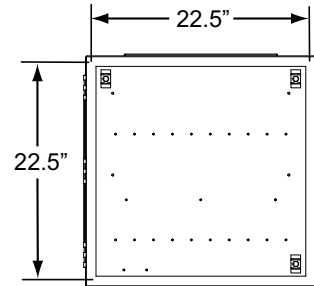
If mounting flanges are not used:

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

Hole Locations for Wall Mounting



Hole Locations for Wall Mounting



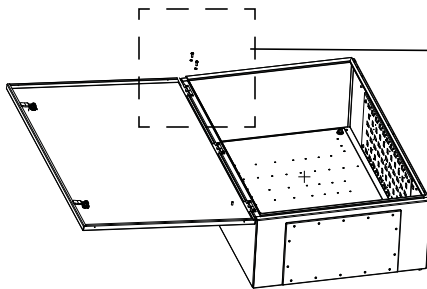
Dimensions for Wall Mounting without Mounting Flanges

Reversible Door

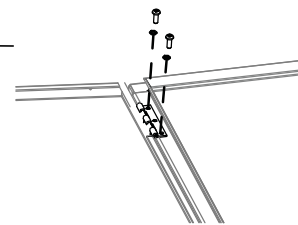
The enclosure comes with the door opening to the left. The door may be reversed to open to the right.

Step 1: Remove screws and washers from door hinges.

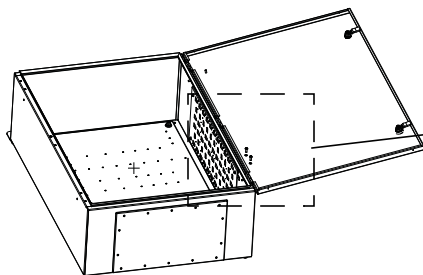
Step 2: Turn door 180 degrees and mount to opposite side of enclosure using same screws and washers.



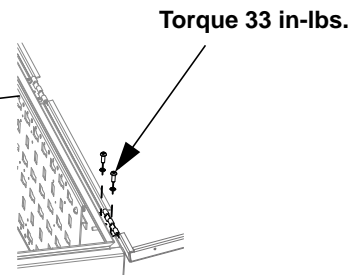
Step 1



Detail View-3 Places



Step 2

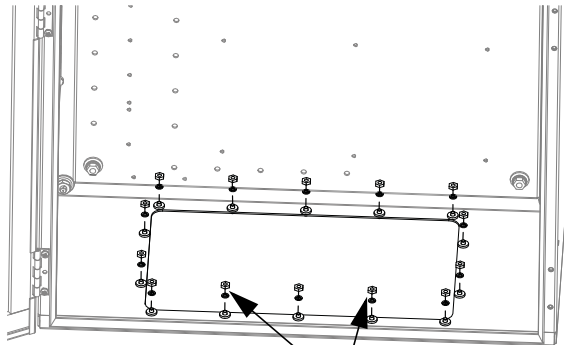


Detail View-3 Places

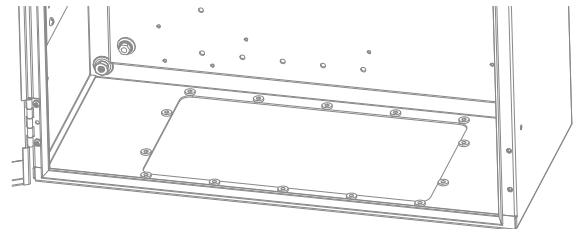
Removable Gland Plate

The Gland Plate, located on all sides of the enclosure, is removable for machining to accept bulkhead connectors or compression fittings. To remove gland plate, unfasten the (14) nuts, (14) split-ring washers, and (14) flat washers attached to the threaded studs of the gland plate and remove plate from the enclosure.

When reinstalling the gland plate, ensure the nuts are tightened until the gland plate flanges make contact with the enclosure surface.

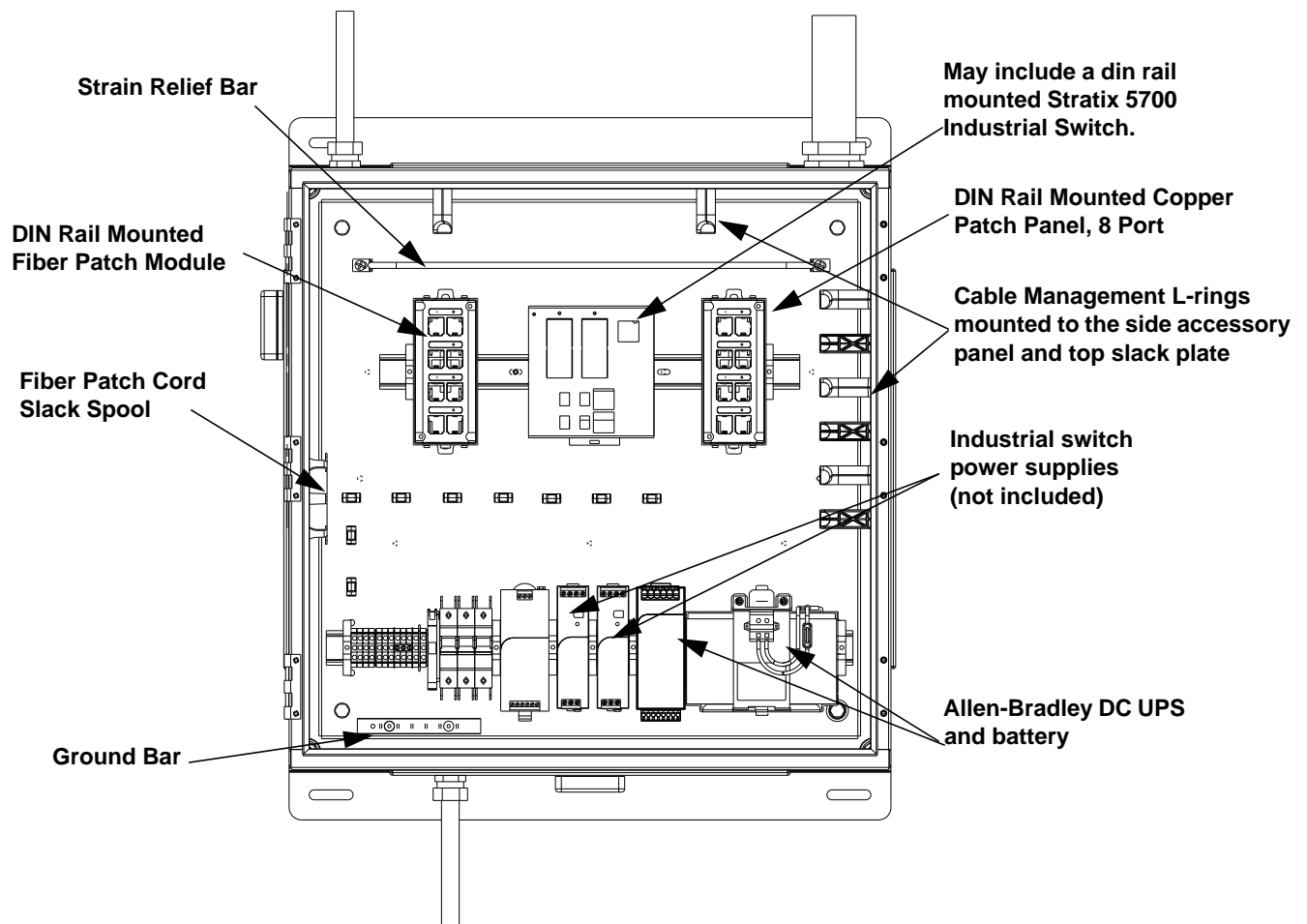


Remove nuts and washers



Gland Plate

Pre-Configured Layout

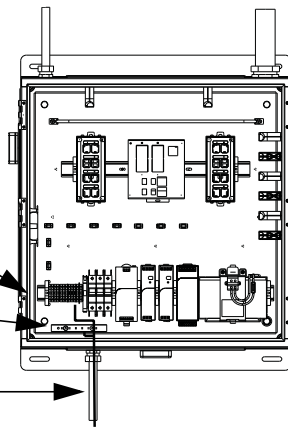


Power Entry

Run incoming power through conduit installed on the bottom gland plate. Install power wiring according to the field wiring diagram.

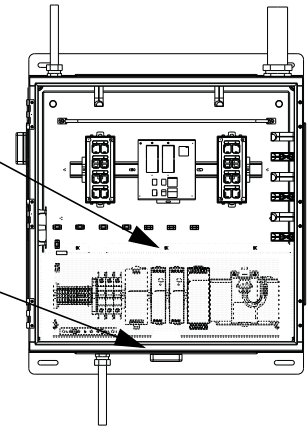
Ground Bar

Power Conduit Entry

**Cage Removal**

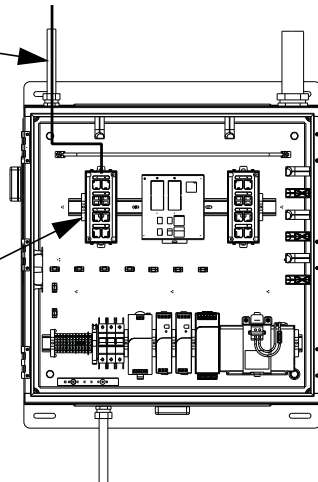
Remove(3) #10-32 screws

Remove (3) #10 nuts

**Uplink Entry**

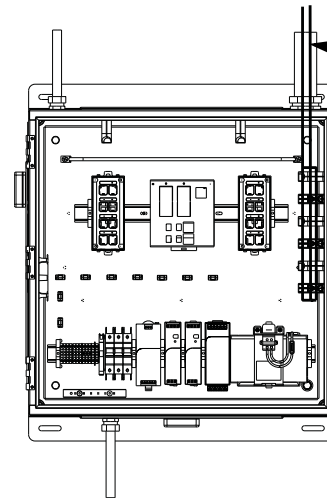
Uplink Cable Conduit Entry

Uplink Cable (fiber shown) spooled in the DIN rail mounted patch module

**Downlink Entry**

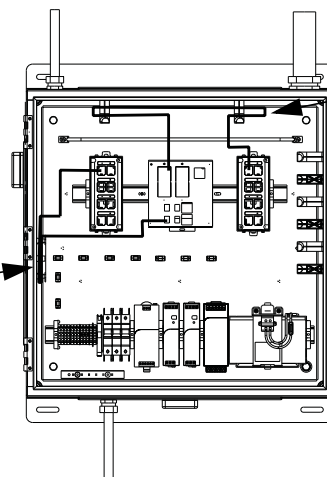
Downlink Cable Conduit Entry

slack loop formed around the L-ring cable managers

**Patch Cord Routing**

Fiber patch cord slack on the side mounted spool

Patch cords supported by the strain relief bar and L-ring managers, routed from the switch to the patch module



For Instructions in Local Languages
and Technical Support:

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