UNMDU-ENCL-Type
Wall Mounted Enclosure Installation

General

The **Uniprise**® UNMDU-ENCL-type enclosures can be either surface mounted or flush mounted (in-wall) between wall studs on standard 16 inch (406 mm) centers. Alignment tabs on each side of the enclosure set the correct flush-mount depth. The enclosure is equipped with five 2 inch (51 mm) diameter knockouts for 1.5 inch (38 mm) conduit feeds and accommodates cable feeds from the top, rear, and bottom of the enclosure. The UNMDU-ENCL-type enclosure is an economical alternative for both residential or multiple dwelling unit (MDU) applications providing quick and simple solutions for your network distribution needs.

Part Number	Product Code	Description
UNMDU-ENCL-14	CC0062117	Enclosure assembly, 14” x 14.375” x 4.625” (356 x 365 x 117 mm)
UNMDU-ENCL-24	CC0062125	Enclosure assembly, 24” x 14.375” x 4.625” (610 x 365 x 117 mm)
UNMDU-ENCL-34	CC0062133	Enclosure assembly, 34” x 14.375” x 4.625” (864 x 365 x 117 mm)

How to Contact Us

- To find out more about **CommScope® Uniprise®** solutions, visit us on the web at http://www.commscope.com/.
- For customer support regarding Uniprise products, contact your local account representative or call 1-800-544-1948 or (828) 459-5000.

Parts List

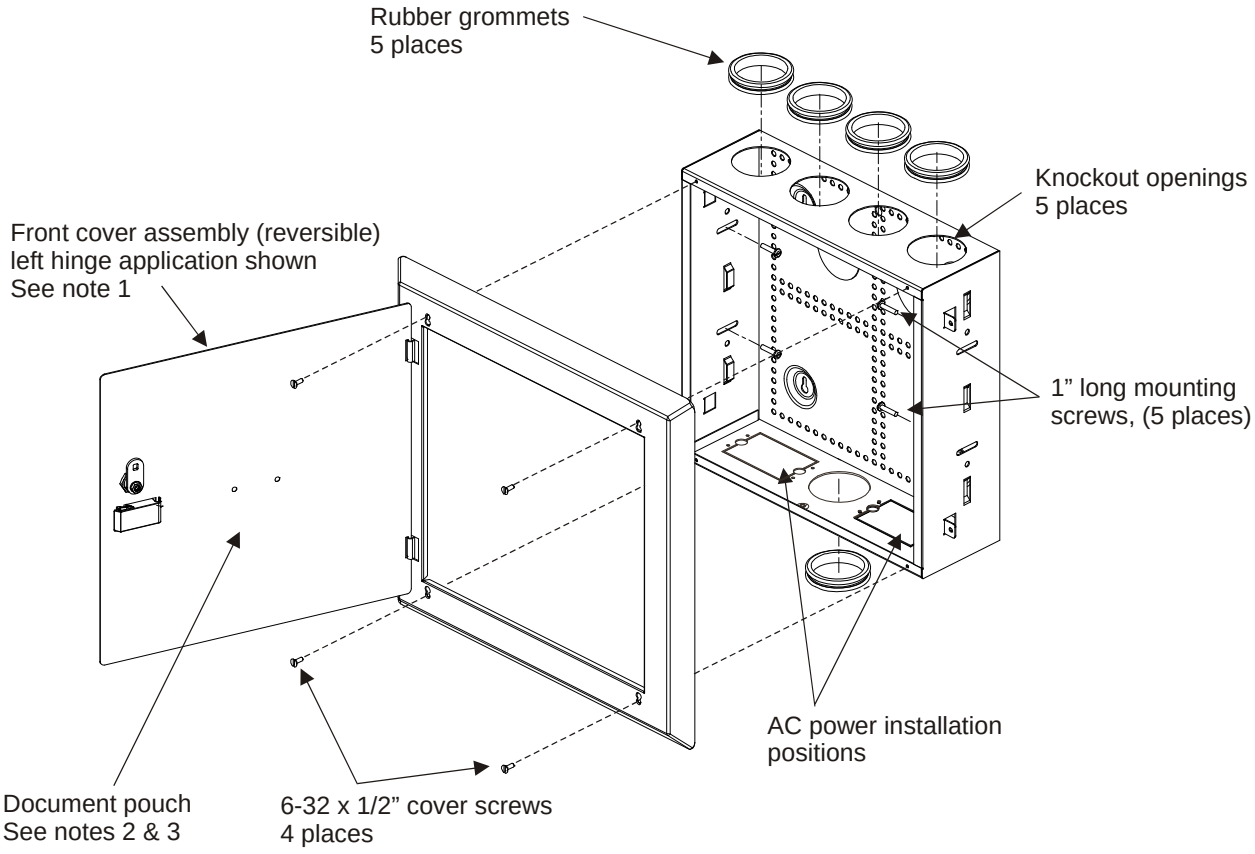
Verify contents from the parts listed below:

Quantity	Description	Quantity	Description
1	Frame/Cover assembly	1	Screw, ground (green)
1	Enclosure assembly	1	Washer, star No. 6
5	Rubber grommets	1	Document pouch
4	Screws, 6-32 x 1/2” machine	5,10,15	Screws, mounting 1” (14”, 24”, 34”)
1	16” (14 AWG) ground wire	8	Tie wraps
1	Diagram (wiring) sheet	1	Instruction sheet
1	Paint shield	2	Tubular cam lock keys

This product is covered by one or more of the following U.S. patents or their foreign equivalents: 6,362,430,6,222,124,6,536,042.

Step 1 – Prepare Enclosure for Installation

1. Punch through knockouts before mounting the enclosure onto the wall.
2. Use rubber grommets for covering knockout openings. Cut slits in grommet to route cables through enclosure.
3. The AC power outlet can be assembled in the bottom of the enclosure.

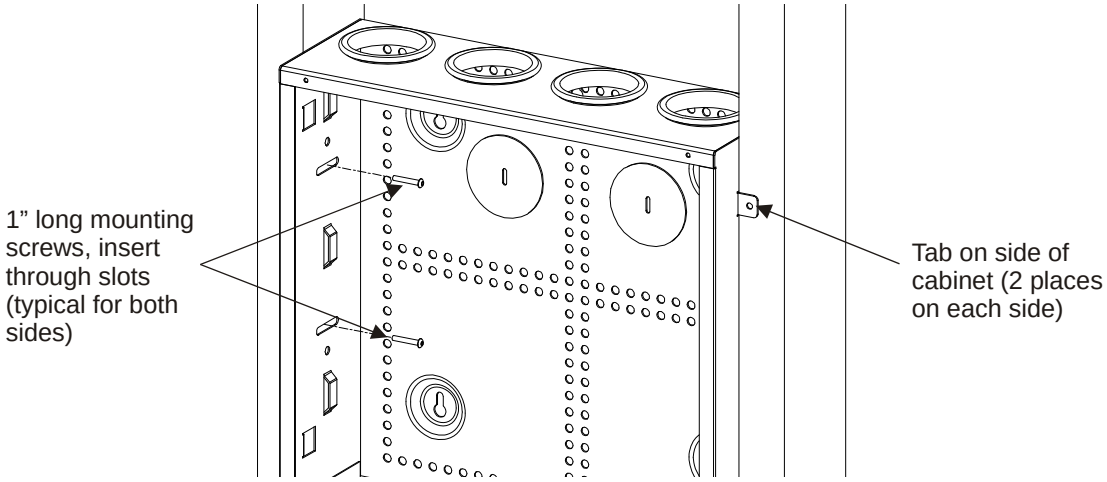


Notes:

1. **Caution:** The UNMDU-type enclosures are designed to fit 1/2-inch to 3/4-inch (12 to 19 mm) thick sheetrock. If sheetrock thickness is greater than 1/2 inch (12 mm), tighten the front cover of the enclosure to a light snug fit. The front cover will distort if screws are tightened to maximum depth.
2. Remove adhesive backing from document pouch, center and mount inside of front cover.
3. Place wiring diagram sheet and instruction sheet in pouch for safekeeping

Step 2a – Enclosure Mounting (Flush Mounting)

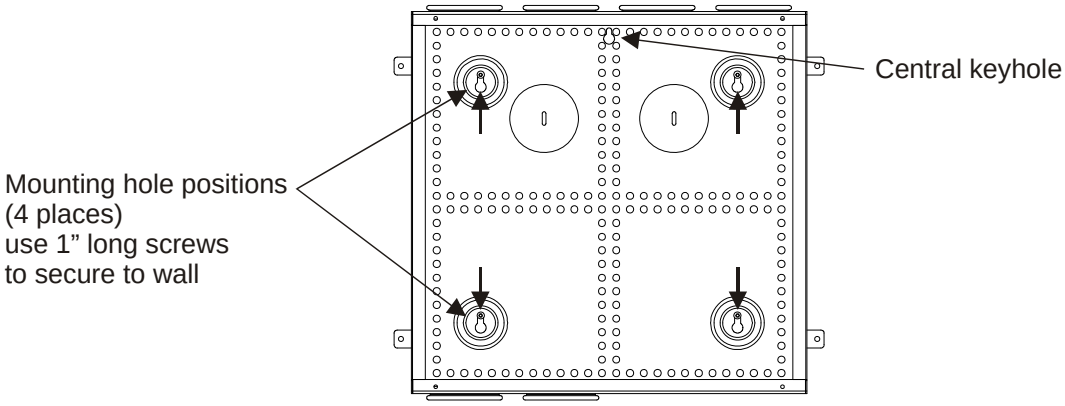
1. Position the enclosure between the studs and slide back until side tabs make contact as shown below.
2. Mark and drill pilot holes for four wood screws.
3. Insert wood screws through both sides of enclosure into the studs and tighten screws to secure the enclosure on the wall.
4. The AC power outlet(s) can be assembled in the bottom of the enclosure.



Note: For mounting enclosure in metal studs, use metal thread forming screws (not supplied).

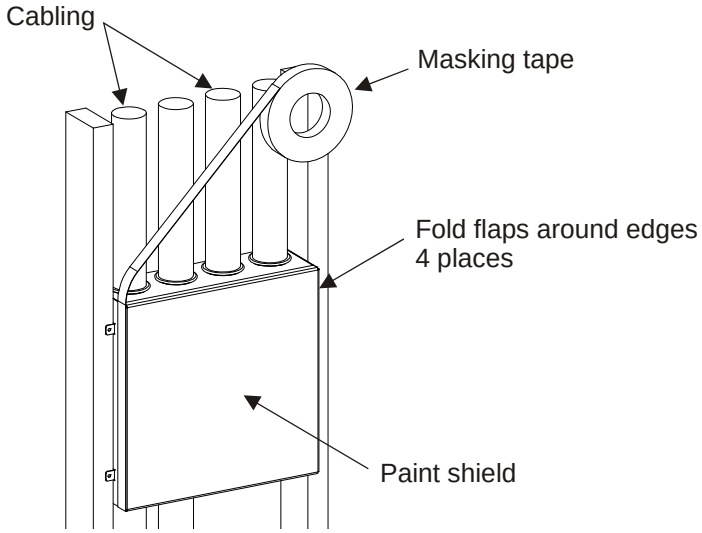
Step 2b – Enclosure Mounting (Surface Mounting)

1. Position the enclosure on the desired location.
2. Mark the top of the central keyhole on the wall, remove enclosure from wall and install a mounting wood screws right on the mark. Screw should not be fully tightened.
3. Hang enclosure on the screw and mark the other mounting holes on the wall. Also mark top and bottom of enclosure.
4. Secure enclosure to the wall using 1” mounting screws provided.
5. Remove the top central screw to avoid interference with modules.

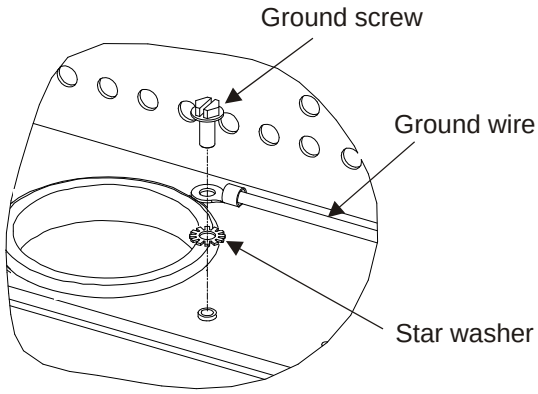


Step 3 – Protecting Enclosure After Rough-In

After completion of the cable rough in, use the poly-bag from the front cover to layover the enclosure to prevent paint and texture from spraying inside the enclosure. Use masking tape to seal the bag on the enclosure as shown below.



Step 4 – Grounding Enclosure



CAUTION: Proper grounding of the enclosure should be verified by a qualified electrician and comply with the National Electric code (NEC). Connect appropriate ground wire to the enclosure from the house electrical ground as shown below.

Step 5 – Routing Cable into Enclosure

Route cables through the top of the box whenever possible. Approximately (24) RG-6 cables or (40) Cat5 cables will fit through each entry hole, however, keep in mind that labeling and termination will be simpler with lower densities. Be sure to allow room above and below the enclosure for 110 outlets and cable routing.