Meter Box
230DRAVL / 230DRAVL2

Installation Instruction



230DRAVL **230DRAVL2**

Life Is On CLIPSAL by Schneider Electric

PLEASE NOTE

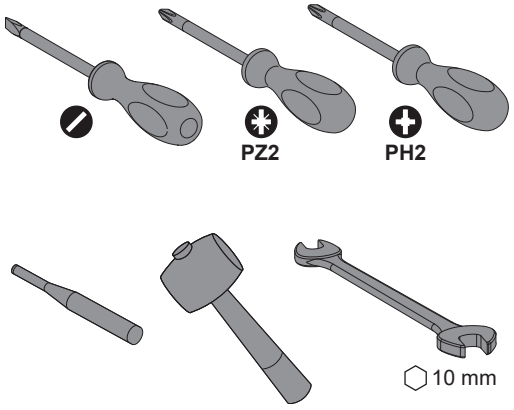
- The installation, maintenance and eventual replacement of these devices must only be carried out by a qualified electrician in accordance with the appropriate statutory regulations and codes of practice.
- This electrical equipment must not be repaired.
- All applicable local, regional and national regulations must be complied with during the installation, use, maintenance and replacement of these devices.
- These devices should not be installed if, when unpacking them, you observe that they are damaged.
- Clipsal cannot be held responsible in the event of noncompliance with the instructions in this document and in the documents to which it refers.
- The service instruction must be observed throughout the life time of these devices.

⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH

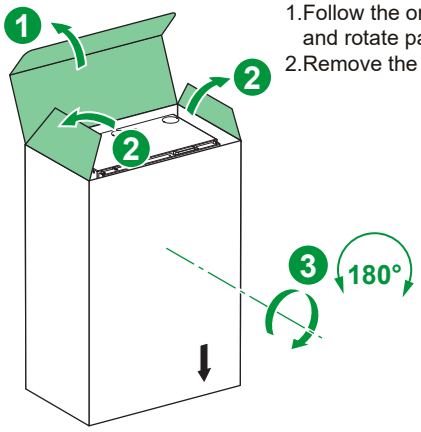
- Turn off all power supply to the distribution board before working on the accessory installation.
- Use a voltage tester with a suitable rated voltage in order to check that all active conductors are not energized.
- Carefully inspect the work area to check that no tools or objects could have been left inside the equipment.

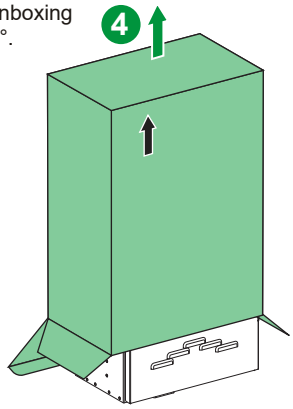
Failure to follow these instructions will result in death or serious injury.



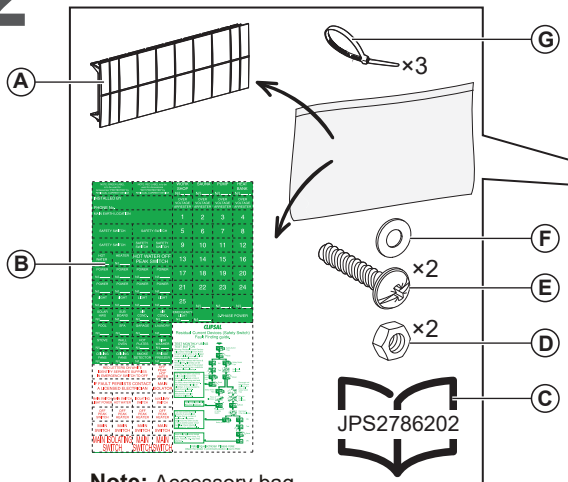
1 Package Contents

Note:
1. Follow the orientation for unboxing and rotate package by 180°.
2. Remove the carton box.

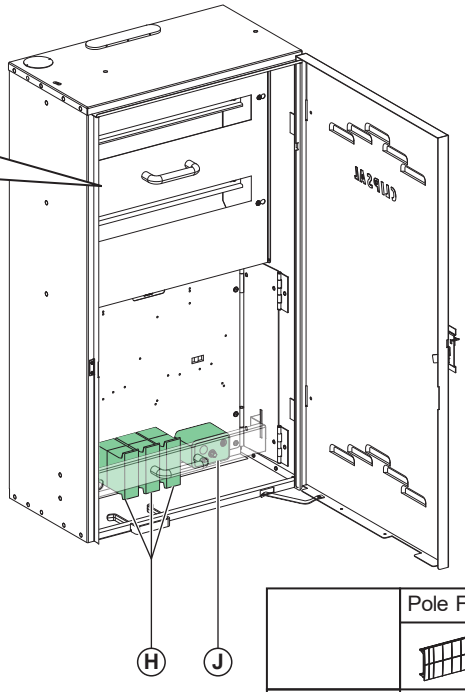




2 Parts Identification



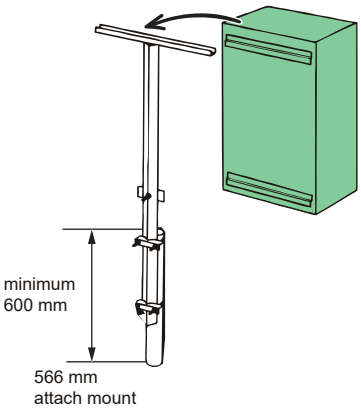
Note: Accessory bag located behind the meter panel.



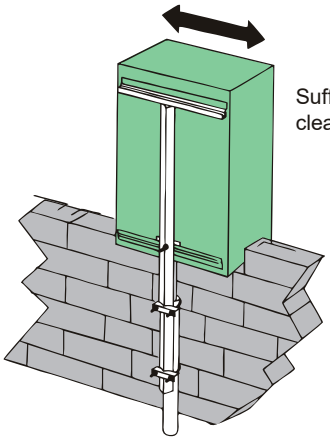
A Pole filler
B Green label sheet
C Instruction sheet
D Nut
E Screw (M4 X 18)
F Washer
G Cable tie
H Fuse carrier
J Neutral link assembly

	Pole Filler(A)	Fuse Carrier(H)	Neutral Link(J)
230DRAVL	2	1	1
230DRAVL2	4	3	1

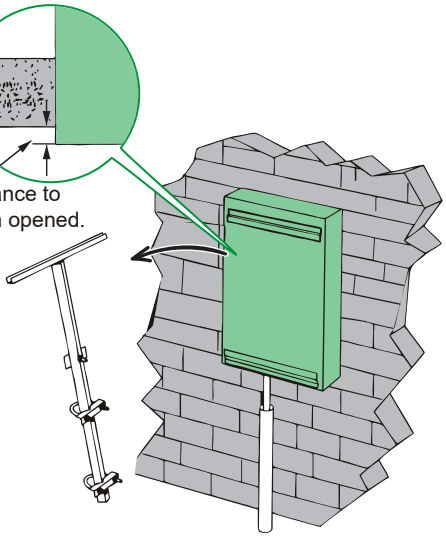
3 Temporary Mounting With 230PBV



1. Lift the enclosure and fix on the bracket. Secure the U-clamps by tightening.

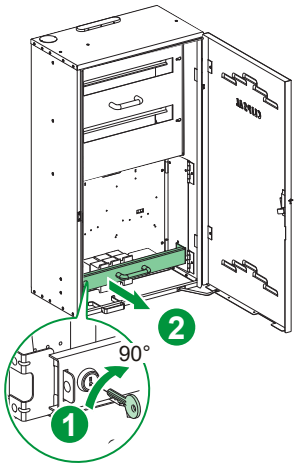


2. Slide enclosure sideways to suit brick course.

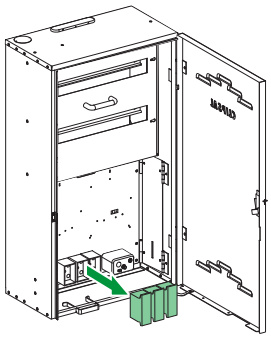


3. Remove U-clamps and brackets.

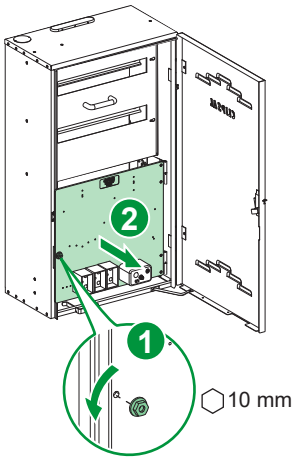
4 Fuse Carrier and Neutral Link Fixation



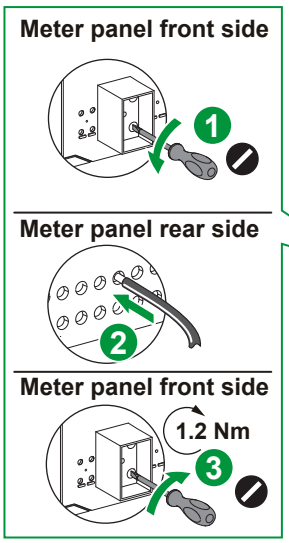
1. Open the lock and remove the bracket.

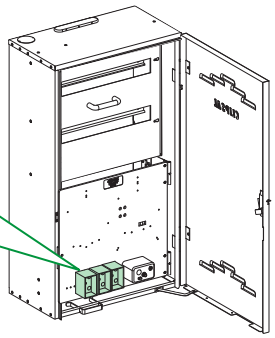


2. Pull out the fuse carrier from the base portion.

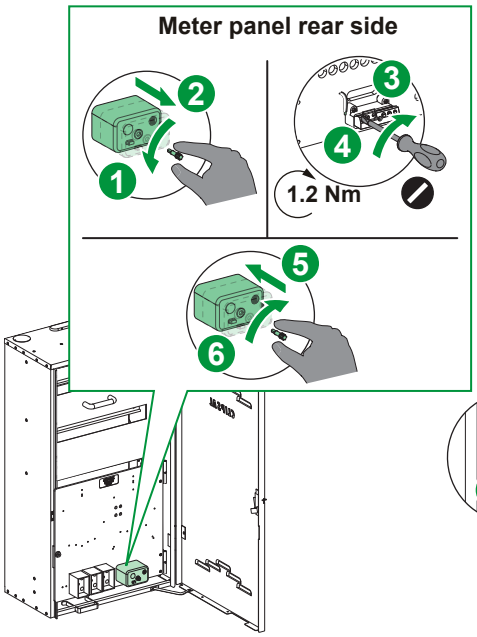


3. Remove the nut and pull out the meter panel.





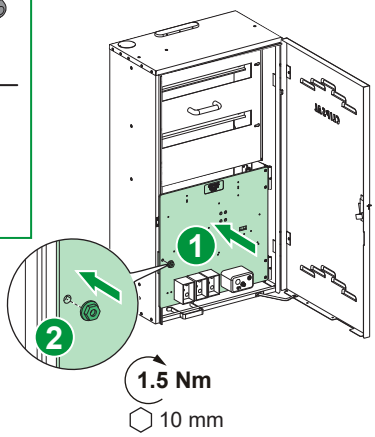
4. Connecting the wire to meter isolation link.



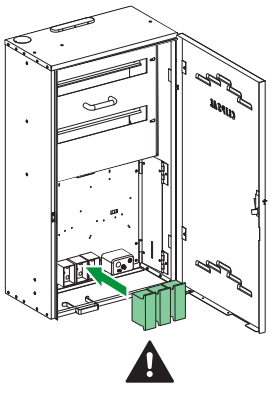
5. Connecting the wire to neutral link.

Note:

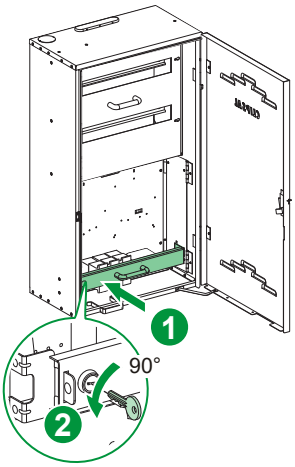
⚠ = Mandatory step to be followed



6. After wiring, push back the meter panel to its original position and tighten the nut.



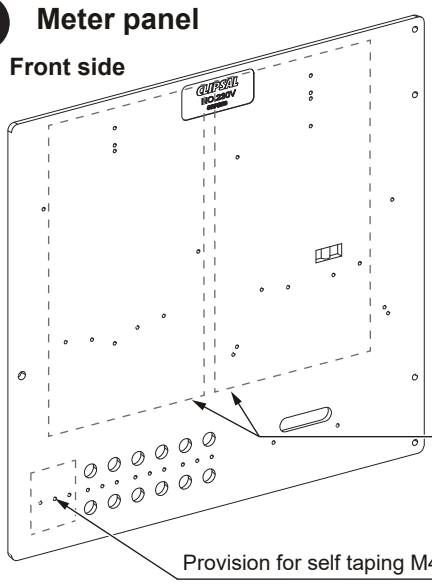
7. Assemble the fuse to the fuse carrier and put back to the base portion.



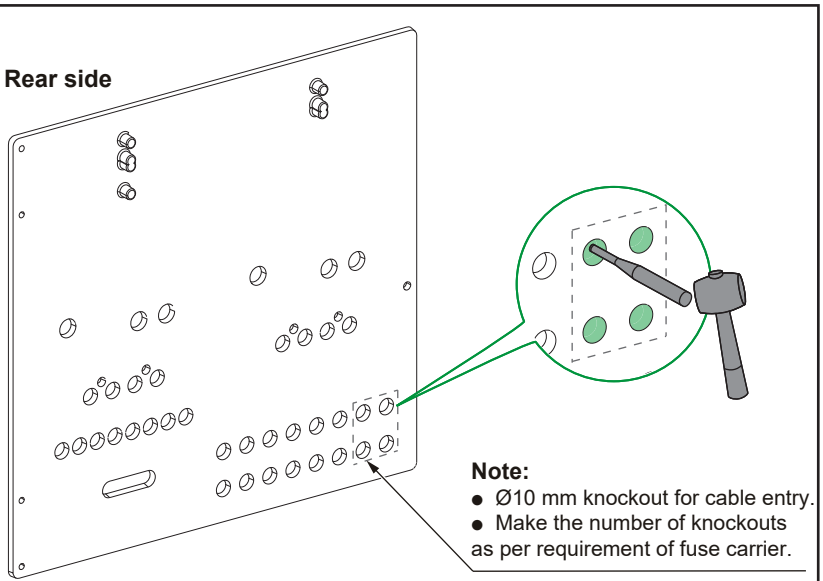
8. Re-assemble the bracket and close the lock.

Meter panel

Front side

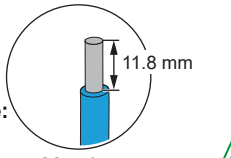


Rear side



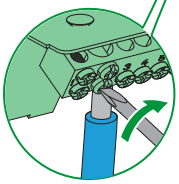
Note:
- Ø10 mm knockout for cable entry.
- Make the number of knockouts as per requirement of fuse carrier.

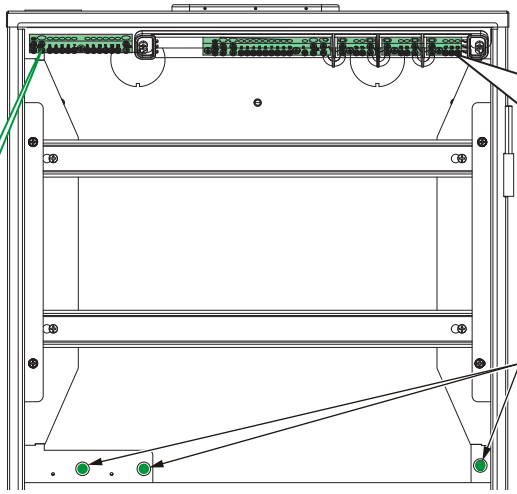
Neutral and Earth Connection

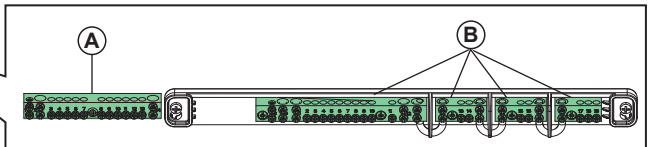


Note:

= Mandatory step to be followed







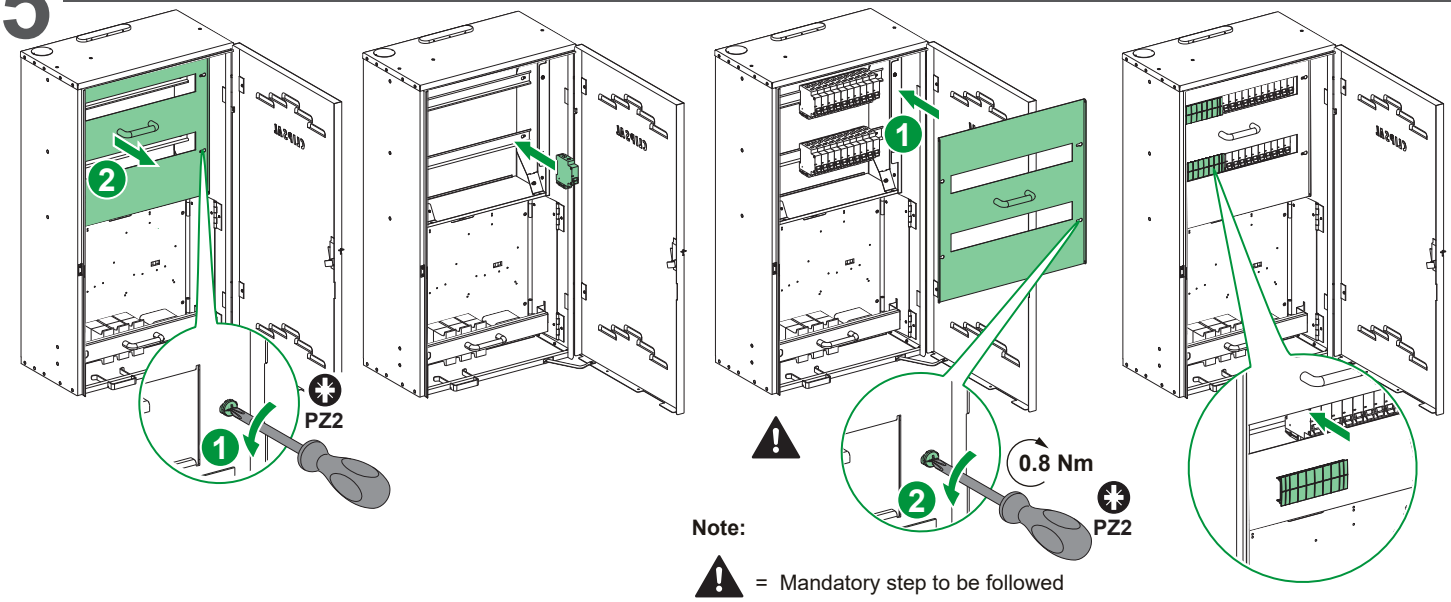
A Earth connection
B Neutral connection
Note: Earth bar directly connected to sheet metal.

Hole Provision for additional Neutral and earth grid mounting by using M4 screws

		T
M4.5	PH2	1.2 Nm
M5	PH2	1.5 Nm

	Number of Din Rail rows	Neutral and earth grid	Privision for second neutral and earth grid fixing
230DRAVL	1	1	0
230DRAVL2	2	1	1

5 Circuit Protection Device Installation



Note:

= Mandatory step to be followed

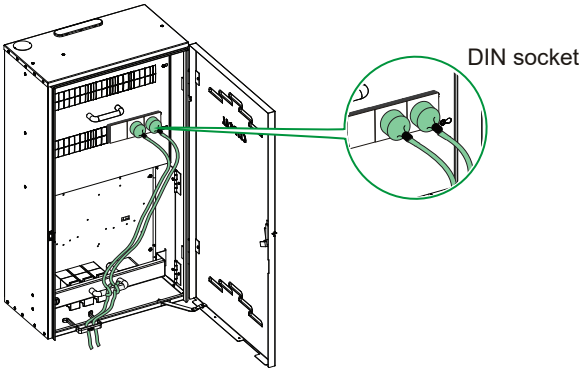
1. Remove the facia plate.

2. Add DIN rail mounted protection device as required.
Note: Each DIN rail is suitable for 21 module of 18 mm each.

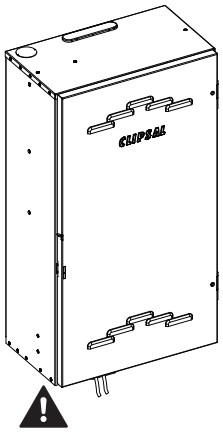
3. Re-assemble the facia plate.

4. Fill the unused space with pole filler provided in the accessory bag.

6 Cable Protection Slide and Lead Tie-off Point to Help Comply to AS/NZS 3012 for Temporary Installation



1. Pass the leads through the cable protection slide at the bottom opening and tie off before plugging into socket outlet.
   Note: Fill unused space with the pole filler.

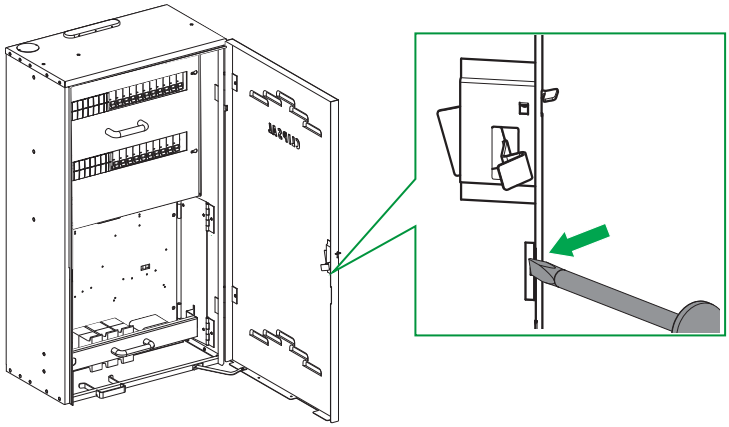


2. Ensure the door is closed after the installation.
   Note:

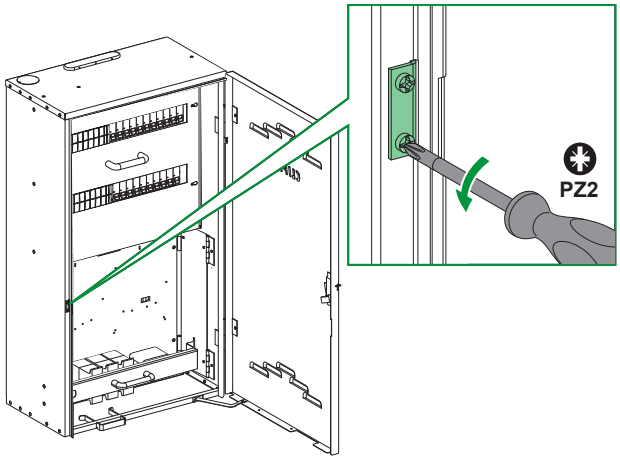
   ⚠ = Mandatory step to be followed

Note: To suit temporary and permanent installation, follow local service and installation rules.

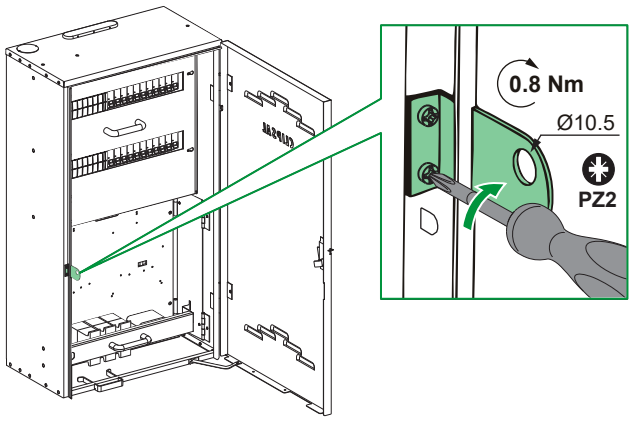
7 Doorlock Instruction



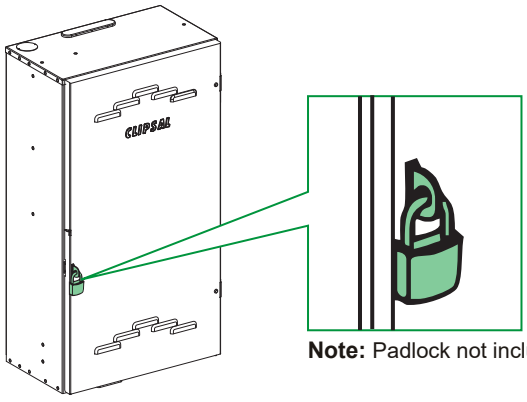
1. Knockout the slot from inside of the door.



2. Disassemble the pre-assembled locking strap.



3. Reverse the locking strap in the same position and reassemble with the screws.



Note: Padlock not included.

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