

How to install the cover of the electricity meter box distribution box



Article Overview

Installing a meter box or distribution box cover is straightforward if you follow safety precautions, use the provided hinges and latches, and ensure proper alignment.

Safety First

Before starting, turn off the main power supply and, if necessary, contact your utility company to ensure the system is de-energized. Always wear insulated gloves and safety goggles to protect against accidental contact with live parts, even if the power is off, and follow local electrical codes and regulations .

Tools and Materials

- Screwdriver or drill (depending on hinge type)
- Hinges and pins (usually provided with the cover)
- Latches or locks (included with most covers)
- Level to ensure proper alignment
- Optional: sealant for outdoor boxes to prevent water ingress

Step-by-Step Installation

- Check the Box and Cover: Ensure the meter or distribution box is securely mounted and that the cover matches the box dimensions and IP/NEMA rating for protection against dust and water .
- Attach Hinges: Most covers come with pre-drilled hinges. Insert the hinge pins an...

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5 Refit the door by re-engaging the sprung hinge pins into the holes, and refit the safety wire. 6 The seal (pictured below) is fitted to

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