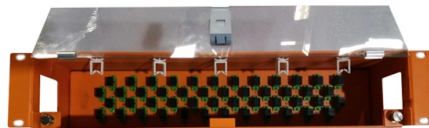


How to add an inner cover to a distribution box



AI Overview

To add an inner cover to a distribution box, install a mounting bracket at the correct height, secure it to the gland plate, and attach the inner cover while ensuring safety and accessibility.

Step-by-Step Guide

1. De-energize the Circuit Before any work, turn off the main power supply and verify with a non-contact voltage tester to prevent electric shock .
2. Determine Mounting Requirements Measure the internal space of the distribution box and decide the height and number of mounting brackets needed to support the inner cover and any internal components .
3. Install the Mounting Bracket Assemble the mounting bracket according to the manufacturer's instructions. Fix it securely onto the gland plate inside the distribution box, ensuring it is level and stable .
4. Attach the Inner Cover Once the bracket is in place, position the inner cover over the bracket. Ensure it does not interfere with circuit breakers, fuses, or wiring. The cover should be removable for future maintenance and inspection .
5. Secure and Label Fasten the inner cover using screws or clips provided, making sure it is stable and does not compress grommets or wiring. Label circuits clearly to maintain organization and facilitate troubleshooting .
6. Verify Safety and Accessibility Check that all wiring is neatly arranged, with strain relief applied to prevent pulling on terminals. Ensure the inner cover allows easy access to components for maintenance while maintaining protection from dust, debris, and accidental contact .
7. Test the Installation After installation, perform insulation resistance tests and verify that all connections are s...

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