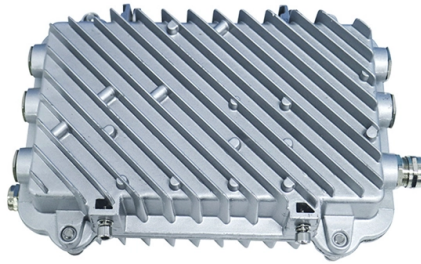


Install wiring terminals in the distribution box



Article Overview

To add wiring terminals to a distribution box, ensure the main power is off, select appropriate terminals, connect wires securely, and follow safety and code standards.

Preparation and Safety

Before starting, turn off the main power supply to prevent electric shock. Verify with a multimeter that no voltage is present in the box. Wear insulating gloves, safety glasses, and non-slip shoes to protect yourself during installation. Inspect the distribution box and all accessories, including terminal blocks, screws, and wires, to ensure they are undamaged and meet electrical specifications .

Selecting and Installing Terminals

- Choose the right terminal blocks based on wire gauge, current rating, and type of circuit (phase, neutral, or ground).
- If your distribution box has a DIN rail, mount the terminal blocks securely on it. For boxes without DIN rails, use the provided mounting points or brackets .
- Ensure enough spacing between terminals for heat dissipation and future expansion.

Wiring Connections

- Strip the insulation from the wire ends carefully without damaging the conductor.
- Connect phase wires to phase terminals, neutral wires to neutral terminals, and ground wires to the grounding terminal. Tighten screws or clamps to ensure a firm...

Article Content

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