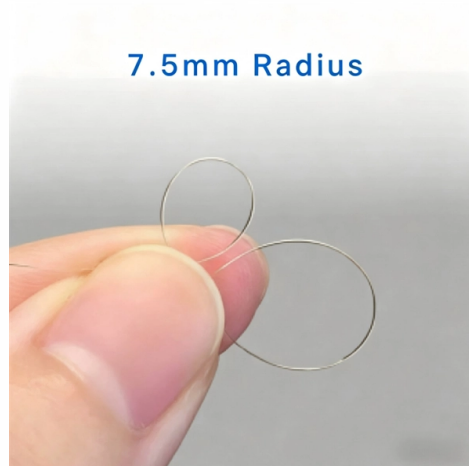


How to connect the power input to the distribution box



Article Overview

Connect the phase and neutral wires from the main power supply to the input of the main MCB, then distribute through RCCBs and load MCBs, ensuring proper earthing.

Step-by-Step Connection

1. Safety First Before starting, turn off the main power supply and verify with a voltage tester or multimeter that no current is present. Wear insulated gloves and safety goggles to prevent electric shock . 2. Identify Components

- Main MCB (Double Pole): Controls overall power to the distribution box.
- RCCB (Residual Current Circuit Breaker): Provides protection against leakage currents.
- Single-Pole or Double-Pole MCBs: Protect individual circuits or loads.
- Neutral and Earth Links: Central points for neutral and grounding connections . 3.

Connect the Main Power Input

- Connect the phase (live) and neutral wires from the incoming power supply to the input terminals of the main MCB .

Connect the output of the main MCB to the input of the RCCB. 4. Connect Load Circuits

- For double-pole MCBs: Connect both phase and neutral from the RCCB output to the MCB input.

Article Content

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How To Connect A Distribution Box

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