

Connecting the wiring to the indoor distribution box



AI Overview

Connecting indoor wiring to a distribution box involves safely linking the main power supply to the main MCB, distributing circuits through breakers, and ensuring proper neutral and earth connections.

Safety First

Before starting, turn off the main power supply to prevent electric shock. Use insulated tools and wear protective gloves. Ensure the distribution box is securely mounted at an accessible height and the installation area is free of obstructions .

Step-by-Step Connection Process

- Identify Input and Output Wires
 - The incoming live (phase) wire is usually brown or red.
 - The neutral wire is typically blue or black.
 - The earth wire is green/yellow or bare copper .
- Connect the Main Supply
 - Attach the live wire to the input terminal of the Main MCB (double-pole for single-phase systems).
 - Connect the neutral wire to the neutral link.
 - Connect the earth wire to the earth link or grounding terminal .
- Install Circuit Breakers...

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The installation requirements for the distribution box

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