

What to buy for a home electrical distribution box



Article Overview

To purchase a home electrical distribution box, you need to select the right type, size, and safety features, and buy from reputable suppliers like Home Depot or Amazon.

Understanding Distribution Boxes

A home electrical distribution box—also called a breaker panel, load center, or consumer unit—distributes electricity from the main supply to individual circuits in your home, protecting wiring and appliances from overloads and short circuits . It typically includes a main switch, individual circuit breakers, and sometimes surge protection devices (SPD) or RCBOs for added safety .

Key Considerations Before Buying

- **Amperage Rating:** Check your home's electrical meter or existing panel to determine the required amperage, commonly 100A, 200A, or higher for modern homes .
- **Number of Circuits:** Count your current circuits and add about 30% spare capacity to accommodate future expansion .
- **Safety Features:** Ensure the box includes overload protection, short-circuit protection, and reliable circuit breakers . Consider RCBOs and surge protection for enhanced safety .
- **Configuration:** A typical setup includes a main switch, room socket circuits, high-power appliance circuits, and lighting circuits

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The Ultimate Guide to Distribution Box Types

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Amazon .uk: Electrical Distribution Box

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How to Choose a Home Distribution Box – Expert Guide

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Contact Us

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