

The standard model number for a household electrical distribution box is



Overview

A cable distribution box is an electrical device used to collect, distribute, and protect electrical power.

Key Takeaways

The model number of a household electrical distribution box should be clearly labeled on the front of the unit using a standardized electrical identification number, often supplemented with manufacturer details and reference codes. Labeling the Distribution Box

The model number should be displayed prominently on the front panel or inside the door of the distribution box. This label typically includes:

- Manufacturer name or logo
- Model number (e.g., DB-12, CU-18, or the specific code assigned by the manufacturer)
- Rated voltage and current (e.g., 230V, 63A)
- Type of enclosure (e.g., single-phase, three-phase, IP rating) Using a durable material such as vinyl or polyester ensures the label remains legible over time, even in humid or dusty environments .

Standardized Electrical Identification

For professional and regulatory compliance, the model number can be expressed as part of a unique Electrical Identification Number (EIN). This system assigns a unique code to each distribution box, which can be referenced in schematics, maintenance logs, and safety documentation . A typical format may include:

- Main identifier: e.g., "MAIN 230V L.V. SWITCHBOARD"
- Reference code: e.g., "(P410) REF: M1"
- Circuit references: Each breaker or outgoing circuit can be numbered relative to the main panel, e.g., "M101" for the first circuit .

Practical Tips

- Consistency: Use the same labeling format across all panels in the building.
- Clarity: Avoid vague labels; include both the model number and functional description if possible.
- Documentation: Record the model number in electrical drawings, schematics, and maintenance logs for easy reference .
- Safety: Ensure labeling does not obstruct access to breakers and complies with local electrical codes . By combining the manufacturer's model number with a standardized electrical identification system, you ensure that the distribution box is easily identifiable for maintenance, emergency response, and regulatory compliance.

Article Content

How to Install a Cable Distribution Box Safely and Correctly?

A cable distribution box is an electrical device used to collect, distribute, and protect electrical power. It is usually

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

