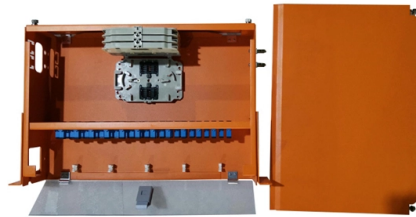


Standard dimensions of a three-level distribution box

Three-level distribution box



AI Overview

A typical three-level distribution box usually measures around 600–800 mm in height, 400–600 mm in width, and 150–250 mm in depth, depending on manufacturer and configuration.

Typical Dimensions

- Height: 600–800 mm (to accommodate three levels of MCBs or modules)
 - Width: 400–600 mm (providing sufficient space for busbars and wiring)
 - Depth: 150–250 mm (ensuring enough room for cable entry, splicing, and safe clearance)
- These dimensions are commonly used in residential, commercial, and light industrial applications, allowing for three rows of modular circuit breakers or distribution modules . The exact size may vary depending on the number of ways (number of circuits) and the type of incoming/outgoing devices.

Design Considerations

- Internal Layout: Each level typically houses a row of MCBs, RCDs, or other modular devices. Adequate spacing between levels ensures safe wiring and heat dissipation .
- Mounting: Distribution boxes are usually wall-mounted with adjustable studs or brackets to align with DIN rail modules .
- Material and Protection: Standard boxes are made of metal or high-quality plastic,...

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Electrical Box Dimensions Manufacture

Still, understanding the standard measurements helps you plan your layout and avoid surprises. Here's a quick table

Contact Us

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