

Standard Dimensions of Multifunctional Distribution Box



Summary of Content

Multifunctional distribution boxes typically range from compact 16-module units to larger 36-way configurations, with dimensions varying by model and manufacturer.

Standard Sizes and Modular Options

Multifunctional distribution boxes are designed to accommodate different numbers of modules, typically ranging from 16 to 32 modules for modular systems like Panasonic, and up to 36 ways for industrial or commercial boxes . These boxes can be flush-mounted or surface-mounted, and many allow horizontal and vertical expansion to integrate multiple units into a seamless system .

Typical Dimensions

While exact dimensions vary by manufacturer and model, general ranges include:

- **Length/Width/Height:** Small modular boxes (16 modules) often measure approximately 400-500 mm in height, 300-400 mm in width, and 100-150 mm in depth. Larger units (32-36 modules) can reach 600-800 mm in height, 400-600 mm in width, and 150-200 mm in depth .
- **Mounting and Wiring Space:** Boxes are designed with generous wiring space, adjustable studs, and removable gland plates for easy installation and maintenance .
- **Cable Entry Options:** Standard cable lengths for pre-wired units range from 1 m to 10 m, with customization available for industrial applications .

Features Affecting Dimensions

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