

What is the size of an 18-circuit distribution box



Overview

What are the overall dimensions of the HT-18 waterproof distribution box?

335 × 225 × 110 mm (L×W×H). How many circuits does the HT-18 support?

HT-18 supports 18 circuits in a single-row layout. Zero row: 12 holes; Ground row: 12 holes. Freestanding cabinets commonly range from about 1600–2200 mm in height, 600–1800 mm in width, and 300–600 mm in depth. The right size depends on internal layout, cable entry space, bend radius. A distribution box is a low-voltage electrical enclosure that receives incoming power and distributes it safely to multiple outgoing circuits through protective and switching devices such as MCBs, RCDs, RCBOs, fuses, isolators, busbars, neutral bars, earth bars, and surge protective devices. Typically available in depths ranging from 1-1/2 inches to 2-1/8 inches, their square shape provides ample internal volume for making multiple wire connections and. This report provides a comprehensive analysis of electrical distribution board (DB) box sizes, including physical dimensions, electrical capacities, and market trends based on current 2025-2026 standards. Market Scope: The analysis covers residential, commercial, and light industrial electrical. Standard sizes vary by type, but single-gang boxes are typically around 2" × 3" × 3.5", while junction boxes often measure 4" × 4" with multiple depth options.

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Distribution board

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