

Wall-mounted distribution box standard size



Article Overview

Wall-mounted distribution boxes typically range from 200×200×120 mm to 800×600×300 mm, with options in plastic or metal, IP ratings from IP20 to IP65, and modular configurations for residential, commercial, and industrial use.

Materials and Construction

Wall-mounted distribution boxes are commonly made from plastic (thermoplastic or FRP) or metal (steel or galvanized steel). Plastic boxes are lightweight, corrosion-resistant, and suitable for indoor use, while metal boxes offer higher mechanical strength and can be used outdoors when rated for IP65 protection. Metal boxes often feature 1.2–2 mm thick steel, painted (e.g., RAL 7035 gray), with a quarter-turn lockable door and rubber gaskets for water and dust protection.

Protection Ratings

- IP20: Basic protection against solid objects >12 mm, indoor use.
- IP55–IP66: Dust-tight and protected against water jets, suitable for outdoor or industrial environments.
- IP65: Dust-tight and resistant to low-pressure water jets, commonly used for outdoor wall-mounted metal enclosures.

Dimensions...

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Service cable ducts or conduits, surface mounted or in cable chases embedded in the wall Note: to facilitate future

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The installation requirements for the distribution box

Learn how to install a distribution box safely and correctly. Covers wiring, placement, standards, and expert tips for a

Contact Us

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