

Dimensions of a standard mobile distribution box

Article Overview

Mobile distribution boxes typically range in size from compact units around 300x200x150 mm to larger units exceeding 1000x600x400 mm, depending on the number of ways and application.

Typical Dimensions

Mobile distribution boxes are designed to accommodate varying numbers of outgoing circuits (ways) and protective devices. Standard configurations often include:

- o Small units (1-6 ways): Approximately 300-400 mm in length, 200-250 mm in width, and 150-200 mm in height, suitable for light industrial or temporary site use .
- o Medium units (6-18 ways): Around 500-700 mm long, 300-400 mm wide, and 250-350 mm high, commonly used for construction sites, events, or maintenance operations .
- o Large units (18-36 ways): Typically 800-1200 mm in length, 400-600 mm in width, and 350-450 mm in height, designed for high-load temporary power distribution .

Design Features

- o Raised edges and robust casing: Protect outlets and circuit breakers from physical damage, with protrusions of 50-80 mm .
- o Handles and brackets: Facilitate portability and flexible mounting on stands or suspension lugs .
- o Internal layout: Includes space for MCBs, RCDs, busbars, neutral and earth bars, and surge protection devices, arranged for easy wiring and heat dissipation .

Standards and Safety

Mobile distribution boxes are designed to comply with safety regulations for temporary and industrial power use, including accident prevention and protection against overloads. They are often built to meet IEC standards and local electrical codes .

Summary

The dimensions of mobile distribution boxes vary according to the number of ways and intended application, ranging from compact 300x200x150 mm units to large 1200x600x450 mm units. They feature rugged construction, protective edges, and flexible mounting options to ensure safe and reliable temporary power distribution .



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We can also design & supply distribution boards to any non standard requirements. Please contact our sales/design department

PCE IMST mobile thermoplastic distribution boxes are suitable for indoor and outdoor areas. Especially in those areas that depend

Dimensions: HxWxD = 79x430x129mm Distribution boxes with electricity meters Page 262 Distribution boxes with

This document provides information on ABB's consumer units and distribution boards, including ordering details. It describes various

1. SCOPE: This Specification covers the design, manufacture, testing at works and supply of Distribution Boxes made out of CRCA

Conversely, an oversized box may not distribute the effluent evenly, leading to uneven saturation of the drain field and

Metal Distribution Box Features Continuously welded seams Foam-in-place seamless gasket 120-degree opening heavy-duty

The distribution box is the central hub of the home circuit and the general control of our daily power consumption. It is an

Electrical Box Dimensions Contact us today for quotes, OEM service, or technical support. We respond quickly and

If you're going to buy a distribution box, there are several things you should look for. You should choose a distribution

Mirage sub-main distribution boards have been designed for easy handling and quick, simple installation

Discover EKDB10 IP65 waterproof distribution boxes made of durable PC plastic. Available in 4-39 ways, single/double/triple layers,

This document provides specifications for various types of plastic distribution boxes, including their dimensions and features. It

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Mobile floor distributor boxes The mobile floor distributor boxes range was designed for more complex, temporary construction sites.

Electrical Box Types & Sizes for Receptacles How to choose the proper type of electrical box when wiring electrical receptacles (wall

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