

Specifications and dimensions of mobile power distribution boxes

Article Overview

Mobile power distribution boxes vary in size, with common dimensions ranging from 37 x 34 x 33 cm to 570 x 570 x 685 mm.

Typical Dimensions

- o Compact Mk2 Distribution Box: 570 mm x 570 mm x 685 mm high, designed for stacking to save storage space and suitable for construction, industrial, mining, and event applications .
- o SAA Portable Distribution Box (240V): 37 cm x 34 cm x 33 cm, featuring overcurrent protection, waterproof design, and a handle for portability, ideal for stage and event environments .

Material and Design Considerations

Many mobile power distribution boxes are made from rubber or solid rubber composites for durability, impact resistance, and electrical insulation . Some models use IP66-rated enclosures to ensure protection against dust and water ingress . The boxes often include MCB, RCD, or RCBO breakers for circuit protection, and their design allows for practical handling, stacking, and flexible component fitting .

Applications

These boxes are widely used in temporary power setups, including construction sites, trade fairs, events, and industrial maintenance. The choice of size depends on the number of circuits, power rating, and portability requirements. Smaller boxes like the SAA model are easier to transport, while larger boxes like the Mk2 provide more outlets and higher current capacity. In summary, mobile power distribution boxes come in a range of sizes, from compact units around 37 x 34 x 33 cm to larger stackable units measuring 570 x 570 x 685 mm, with materials and features tailored to safety, durability, and application needs .

Types of Mobile Electric Distribution Boxes A mobile electric distribution box is a portable electrical enclosure designed to safely and

RANGE & SPECIFICATIONS: Sr. No. Product Code Inside Dimensions (mm) H x W x D Typical Applications

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Specifications and dimensions of mobile power distribution boxes

Lex Products offers a full range of portable power distribution units including boxes, boards and panels,

The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional

Temporary switchboard assemblies used for low voltage power distribution to endure the harsh conditions of construction sites or

Mobile distributor boxes, hard rubber Small mobile distributor boxes in compact design. The standard range shown meets different

Power Distribution Units Oscar "Spider" Distribution Boxes, 30 - 50 Amp Non-Metallic Distribution Boxes, 20 - 300 Amp PPB -

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Amphenol LTW's distribution boxes facilitate efficient cable management, easy installation with pre-wired configuration, and provides

Distribution box Rubber Handy 6 Robust full rubber housing, impact resistant, oil-, UV- and acid resistant. Protected with a ground

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The Walther power distribution system is also available fused, with RCD's GFCI breakers or practically any type of overload

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