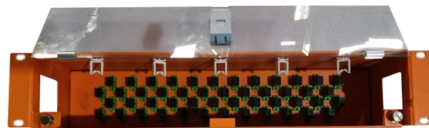


Specifications and Models of Power Distribution Boxes in Argentina



Article Overview

Power distribution boxes in Argentina range from residential DB boxes to industrial switchgear panels, with specifications including IP54 protection, steel or thermoplastic construction, and current capacities from 100A to 630A.

Overview

Power distribution boxes (DB boxes) are essential for safely distributing electricity from a single input source to multiple circuits in homes, commercial buildings, and industrial facilities. They house key components such as circuit breakers, fuses, busbars, and smart monitoring modules, ensuring protection against overloads, short circuits, and electrical faults .

Common Specifications

- Material: High-quality steel (powder-coated or epoxy-coated), stainless steel for corrosion resistance, or engineering thermoplastics like Polycarbonate (PC) and Acrylonitrile Styrene Acrylate (ASA), .
- Dimensions: Typical industrial cabinets measure 1200mm height × 800mm width × 400mm depth .
- Protection Rating: IP54, providing dust and water ingress protection .
- Temperature Range: Operates safely from -20°C to +50°C .
- Current Capacity: Residential boxes often handle 100A, while industrial models can support up to 630A

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For more information, pricing, or custom solutions, please contact us:

Website: <https://khanimamboguesthouse.co.za>

Email: sales@khanimamboguesthouse.co.za

Phone: +27 64 852 1973

Address: Unit 7, Greenway Business Park, 8 Innovation Drive, Centurion, 0157, South Africa

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