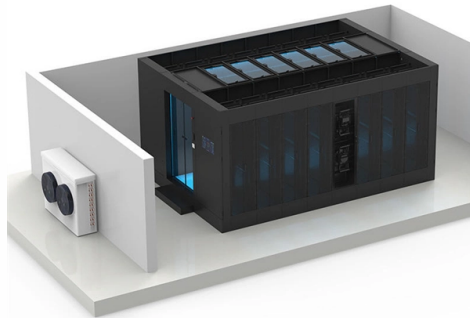


3-row circuit distribution box



AI Overview

A 3-row circuit distribution box is an electrical enclosure designed to house multiple circuit breakers or fuses, typically accommodating 36–54 modules, with options for surface or flush mounting and IP40–IP41 protection.

Overview and Purpose

A 3-row distribution box is used to organize and protect electrical circuits in residential, commercial, or industrial settings. It allows for safe distribution of power from a main supply to multiple circuits, providing overcurrent protection and easy access for maintenance. These boxes are compatible with DIN rail-mounted circuit breakers, switches, and sockets .

Key Specifications

- **Module Capacity:** Typically 36–54 modules, depending on the model (e.g., DISBOX-MA series offers 54 modules) .
- **Current Rating:** Commonly 100A for standard residential or light commercial use .
- **Voltage Rating:** Insulation voltage up to 500V .
- **Protection Class:** IP40–IP41 for indoor applications, protecting against solid objects and limited dust ingress .
- **Impact Resistance:** IK08 for some metal enclosures, ensuring durability against mechanical impacts .
- **Material:** Options include painted sheet steel (1.2–1.5 mm) or high-quality ABS plastic, often halogen-free .

Article Content

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ALFANAR Modular Distribution Board DB 16 Modules 3 Row Flush Type RAL 7035 Grey 45-316MS00F Special Note : Minimum

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