

Empty Single-Row Distribution Box



Article Overview

An Empty Single-Row Distribution Box is a compact enclosure designed to house electrical circuit breakers or modular devices, typically accommodating a single row of modules for residential or small commercial installations.

Overview and Features

A single-row distribution box is designed to organize and protect electrical connections in a safe and accessible manner. These boxes are commonly used in residential wiring, commercial buildings, and light industrial settings to manage circuit distribution efficiently . Key features include:

- **Module Capacity:** Typically accommodates 12 modules in a single row, though sizes may vary depending on manufacturer .
- **Material:** Constructed from durable materials such as polycarbonate or metal, providing impact resistance and longevity .
- **Protection Class:** Many models offer IP30 to IP66 ratings, ensuring protection against dust and water ingress depending on indoor or outdoor use .
- **Mounting Options:** Available as flush-mounted for a clean wall integration or surface-mounted for easy installation and access .
- **Access and Maintenance:** Equipped with hinged or removable covers, allowing quick access for wiring, maintenance, or modifications .
- **Ventilation:** Some designs include ventilation slots to prevent heat buildup and maintain safe operation of electrical components .

Applications...

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