Module of xxm type distribution box



Overview

XXM type distribution box (distribution board)-Henan Yingkai Electric. This series of products is a terminal combination electrical distribution box with.

Key Takeaways

The XXM type distribution box is a modular low-voltage electrical distribution enclosure designed for safe power and lighting distribution with overload, leakage, and short-circuit protection.

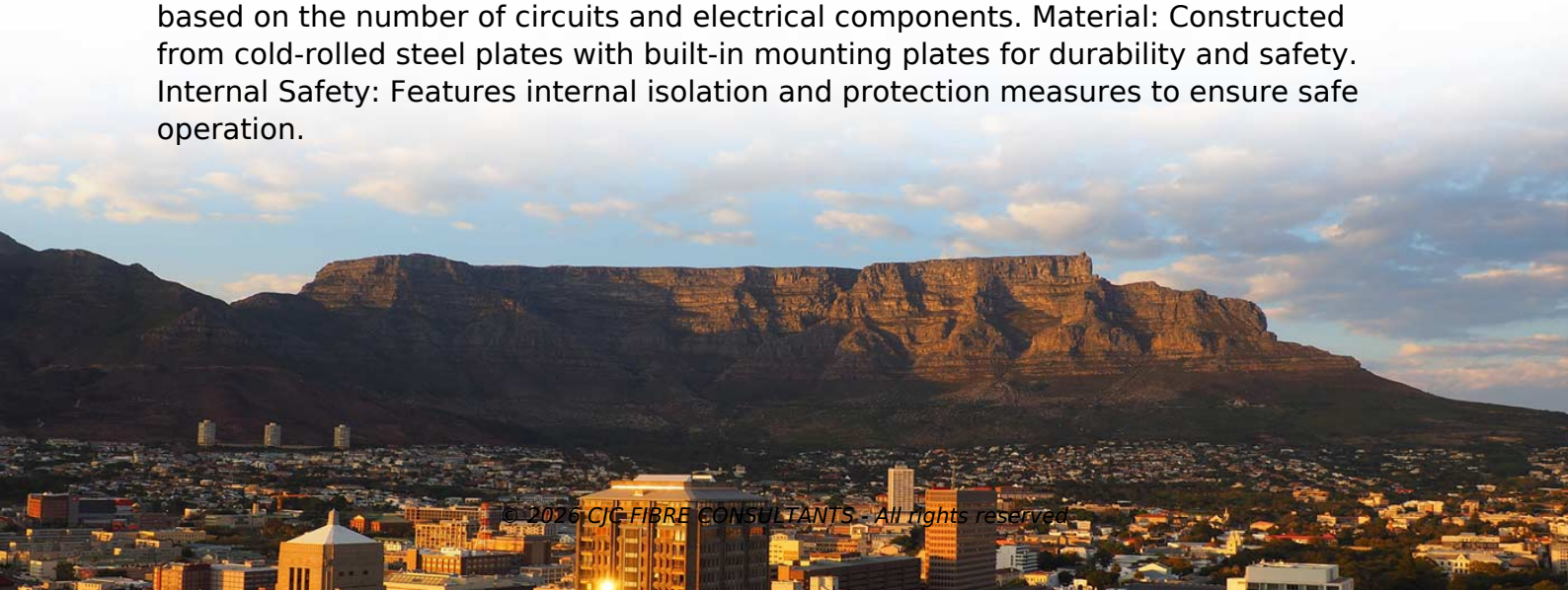
Overview

The XX

M distribution box is a terminal combination electrical distribution box suitable for both single-phase and three-phase circuits with a frequency of 50Hz, rated voltage below 400V, and load current up to 100A. It is widely used in residential buildings, high-rise buildings, hotels, shopping malls, hospitals, factories, and industrial sites.

Structural Features

Modular Design: Components can be freely assembled, allowing flexible configuration based on the number of circuits and electrical components. Material: Constructed from cold-rolled steel plates with built-in mounting plates for durability and safety. Internal Safety: Features internal isolation and protection measures to ensure safe operation.



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Mounting Options: Can be surface-mounted or recessed, with detachable color-coated mounting plates for easy installation and maintenance. Door Design: Equipped with precision-cast adjustable hinges, opening beyond 135°, reinforced with welded stiffeners, and a concealed sealing edge for a neat appearance.

Protection Functions

The XX

M box provides overload, leakage, and short-circuit protection, making it suitable for both lighting and motor control applications. Optional inner door mounting brackets and knockouts on top and bottom walls facilitate cable and conduit installation.

Variants

The XX

M series includes: Universal typeOutdoor typeTransparent window type These variants allow customization for different environmental conditions and monitoring needs.

Technical and Environmental Specifications

Altitude: Below 1000mAmbient Temperature: -25 ℃ to 40 ℃, with a 24-hour average not exceeding 35 ℃Wind Speed: Up to 35 m/sRelative Humidity: Not more than 90% at 25 ℃Seismic Resistance: Horizontal acceleration ≤ 0. 4 m/s^2, vertical ≤ 0. 2 m/s^2Installation Site: Free from conductive dust, corrosive, flammable, or explosive materials, and minimal vibration; vertical slope ≤ 3°.

Applications

The XX

M distribution box is suitable for: Lighting and power distribution in residential and commercial buildingsControl systems such as air conditioning, water pumps, fans, and machine toolsIndustrial and mining enterprises requiring safe and organized electrical distribution.

Compliance

The product conforms to IEC439 (low-voltage switchgear and control equipment) and GB7251. 3 (low-voltage switchgear) standards, ensuring reliability and safety in electrical installations.

The XX

M type distribution box is a versatile, modular solution for modern electrical distribution needs, combining safety, flexibility, and ease of maintenance.

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Article Content

XXM type distribution box (distribution board)-Henan Yingkai Electric ...

This series of products is a terminal combination electrical distribution box with leakage, overload and short-circuit protection functions.

XXM Distribution Box-Beijing EET DFHT Electric Co., Ltd

XXM type distribution box is suitable for terminal distribution box system, and its cabinet body is manufactured by full CNC assembly process, with beautiful appearance and high protection level; It

XXM Series Lighting Distribution Box

The distribution box supports front operation and maintenance, and can be either recessed into walls or surface-mounted. The front door panel can be fitted with

XXM lighting distribution box-Chongqing Pengda Electric-Professional ...

Product description: XXM low-voltage lighting distribution box is suitable for single-phase and three-phase circuits with frequency of 50Hz, rated voltage below 400V, and load current not more than

Distribution Box XXM Specifications and Dimensions

XM power distribution box (hereinafter referred to as metering box) is suitable for use as metering device of AC 50HZ TN-C system (three-phase five-wire) with voltage of 220V.

Distribution Box and Selection Guide: Internal Structure, Components ...

Learn how to choose a distribution box and understand its internal structure, including MCBs, busbars, neutral bars, earth bars, RCDs, RCBOs, SPDs, enclosure ratings, and wiring layout.

Distribution Box Guide: Types, Components & Solutions

Understand distribution boxes (DB boxes) in 5 minutes. Learn about types, components, functions, and uses. Find the perfect DB box for your needs.

Distribution boxes – For modular and decentralized

The innovative FieldPower® module combines the advantages of busbar trunking systems and standard round cables for flexible and safe distribution of power,

Electrical Distribution Boxes: Types, Components

A distribution boxes acts as the load center and main distributor of electrical power within a building. Also called a distribution board, panel board,

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Understanding Distribution Boxes: A Comprehensive

Learn what a distribution box is, its types, and how to choose the right one for your project. Includes clear examples and expert tips.

A06B-6110-K200XXM Module: What It Is, How to Install It ...

The A06B-6110-K200 XXM module serves as a key interface link in electric CNC systems, differing technically from related variants like K201XYM and K202YYM in terms of signal type, resolution

Electrical distribution box 24 modules of 17.5 mm ABS

ABS plastic surface distribution box, 24 modules in 2 lines of 12 modules. The distribution box allows the assembly of standard 18mm wide modules, on a DIN rail.

Distribution boxes – For modular and decentralized solutions

Modern automation solutions are becoming increasingly decentralized. As a result, you need distribution systems that can be easily integrated into the common automation systems and are more efficient to

Electrical Distribution Boxes: Types, Components

Discover electrical distribution boxes types, components (MCB, RCCB, RCBO, SPD, busbar) and functions. Get expert selection guidance and

Distribution Box: Types and Functions | Axis-Electricals

A distribution box ensures that electrical supply is distributed in the building, also known as a distribution board, panel board, breaker panel, or electric panel.

Distribution Box

Our distribution boxes are perfect for industrial environments, catering to automation, robotics, and processing facilities. They provide cost-effective solutions through automated dispensing and

Distribution Boxes Explained: Types, Functions, and

Learn about distribution boxes, their types, functions, and safety features to ensure efficient and secure electrical power distribution in any building.

Types of Distribution Boxes Explained with Applications & Functions

We have explained various types of Distribution Boxes like Polycarbonate Distribution Boxes, Deep Drawn Boxes and SMC Distribution Boxes. These Boxes eliminate chances of short circuits by ...

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