XM Series Distribution Box Housing Configuration



Overview

Designed with a robust steel enclosure, it safely houses circuit breakers, fuses, and control devices to manage lighting, motor loads, and other electrical circuits.

Key Takeaways

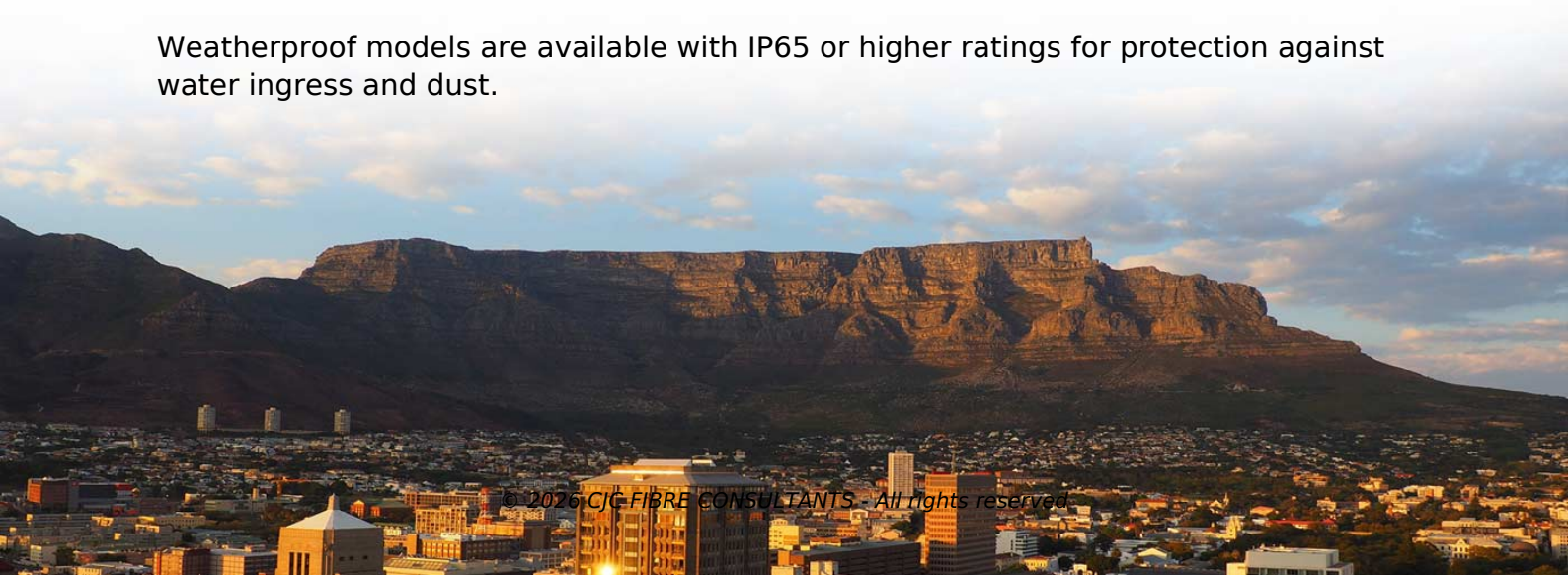
The XM Series Distribution Box features a robust, modular housing made from high-quality steel or flame-retardant materials, designed for safe, flexible, and efficient low-voltage power distribution.

Construction and Materials

The X

M Series distribution box is typically constructed from high-quality cold-rolled steel or stainless steel plates, often with electrostatic powder coating for durability and corrosion resistance. Some models use flame-retardant plastics for lightweight and fire safety considerations. The housing is designed to withstand environmental factors such as moisture, dust, and corrosion, making it suitable for both indoor and outdoor installations.

Weatherproof models are available with IP65 or higher ratings for protection against water ingress and dust.



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Design Features

Modular Layout: The housing accommodates multiple circuit breakers, residual current devices (RCDs), fuses, and busbars, allowing for easy expansion or reconfiguration as power needs change.

Compact and Space-

Efficient: Despite its capacity, the XM housing is designed to save space in electrical rooms or panels, with a clear and organized layout for maintenance and troubleshooting. Safety Compliance: The housing meets international standards such as IEC 61439 and UL 508A, featuring insulated busbars, secure terminal connections, and clear labeling to prevent electrical hazards.

Electrical Specifications

Rated Voltage: 220V/380V ACRated Current: Up to 400A for industrial models, and ≤100A for indoor lighting models Frequency: 50HzSystem Compatibility: Suitable for three-phase four-wire power systems ApplicationsThe XM Series housing is widely used in: Residential buildings: Main panels for lighting, outlets, and appliances Commercial and office buildings: Power distribution and meteringIndustrial plants and factories: Motor loads, lighting, and control circuitsHospitals and workshops: Reliable low-voltage distribution with overload and short-circuit protection Installation OptionsSurface-mounted on walls or panelsFlush-mounted within walls for a cleaner appearanceSuitable for environments with ambient temperatures from -5°C to +40°C, relative humidity up to 90% (non-condensing), and altitudes ≤2000m Additional FeaturesOverload, short-circuit, and leakage protectionFlexible electrical schemes for customized configurationsQuick maintenance access due to clear labeling and organized internal layout The XM Series Distribution Box housing combines durability, safety, and modularity, making it a versatile solution for low-voltage power distribution across residential, commercial, and industrial applications.

Article Content

Low Voltage Distribution Box XM

Designed with a robust steel enclosure, it safely houses circuit breakers, fuses, and control devices to manage lighting, motor loads, and other electrical circuits.

XM Distribution box-Tongyuan Electric

The configuration scheme of XM series integrated distribution box/cabinet has single inlet and double inlet, and the feed-out circuit 1-36 channels are available for users to choose.

XM series distribution box

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This article provides a comprehensive overview of the XM series distribution box, covering its features, applications, and advantages in detail. If you have specific questions or need further information, feel

XM series distribution box equipment

XM series distribution box is a kind of distribution device designed and assembled into various control functions according to component model, specification and quantity.

XM distribution box

XM series distribution boxes are all metal economical switch boxes, which are widely used in residential buildings, high-grade office buildings, high-grade apartments, industrial and mining enterprises and

XM series distribution box|Products|HENAN WEICHI Transformer

This series of distribution boxes can be designed and assembled into various distribution functions according to the type, specification and quantity of electrical components, so that the structure is

XM Distribution Box

It is the most common equipment for final power distribution and electrical protection. It can be surface-mounted or recessed into a wall. Lighting panels are available in both enclosure and modular designs.

XM series distribution box | VoltEdge Energy

They are suitable for indoor lighting and power distribution lines with AC 50Hz, single-phase 220V, three-phase 380V and below, and current of 400A and below. They serve as overload protection,

XM Distribution Box – Jufeng Electrical

The general type is suitable for most conventional indoor environments and meets general power distribution and control needs; the outdoor type takes into account the complex outdoor

XM Distribution box-Distribution Box-CEA Group International Co., Ltd

XM Cabinet is widely used in lighting distribution systems of power station,transformer station,factory,mine,hotels,apartment,buildings,port,railway station,airport,warehouse,hotels etc.

XM series distribution box equipment

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Overview XM series integrated distribution box/cabinet is suitable for AC frequency 50Hz, rated voltage 220V or 400V single-phase or three-phase five-wire lighting and small power lines, it is used to

XM Weights & Measures Application Solution

XM® Weights & Measures XM® is Allen-Bradley''s award winning, and the world''s most comprehensive family of distributed machine condition monitoring and protection devices. With the XM series,

XM type distribution box-Shenzhen Fujin Electric Power Equipment

XM series plastic case circuit breaker distribution box (MCCB box for short) is widely used in power plants, substations, factories and mines, hotels, apartments, and high-rise buildings. It is suitable for

XM distribution box

Product Overview XM series distribution box is a kind of distribution device designed and assembled into various control functions according to component model, specification and quantity. The products are

XM Serial Configuration Utility Getting Results Guide

1 Introduction The XM Serial Configuration Utility is a 32-bit Windows® application program that allows you to configure and view live data from any XM module. The Entek XM® Series from Rockwell

Dust-Proof Xm Distribution Box Featuring High-Stability Circuit Breaker

XM Low voltage distribution box is sorted into lighting and motor control box,including common type, outdoor type, with observation window. Both recess mounting and indoor wall mounting can be

Good Quality XM Series Distribution Box Cabinet Indoor Power

Other attributes Place of Origin Guangdong, China Brand Name haloauth Model Number XM Rated Voltage 220V/380V Product Name XM distribution box series Keyword XM distribution box Rated

China XM Type Distribution Box 32A 220V

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