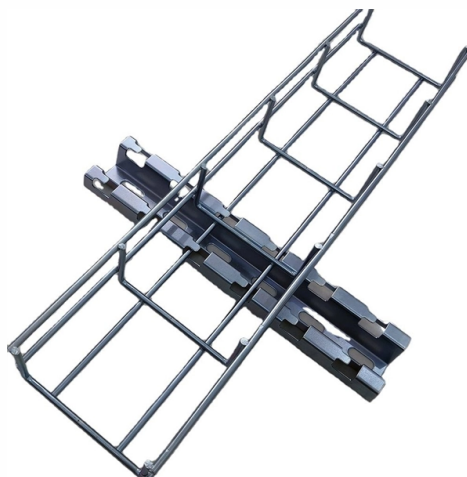


# XM Series Distribution Box Housing Configuration



## 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.



## 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 AC **Rated Current:** Up to 400A for industrial models, and  $\leq 100A$  for indoor lighting models **Frequency:** 50Hz **System Compatibility:** Suitable for three-phase four-wire power systems **Applications** The XM Series housing is widely used in: **Residential buildings:** Main panels for lighting, outlets, and appliances **Commercial and office buildings:** Power distribution and metering **Industrial plants and factories:** Motor loads, lighting, and control circuits **Hospitals and workshops:** Reliable low-voltage distribution with overload and short-circuit protection **Installation Options** Surface-mounted on walls or panels Flush-mounted within walls for a cleaner appearance Suitable for environments with ambient temperatures from  $-5^{\circ}\text{C}$  to  $+40^{\circ}\text{C}$ , relative humidity up to 90% (non-condensing), and altitudes  $\leq 2000\text{m}$  **Additional Features** Overload, short-circuit, and leakage protection Flexible electrical schemes for customized configurations Quick 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

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

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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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

