

Xm is the size of the distribution box



AI Overview

The XM distribution box is a modular low-voltage distribution unit designed for rated currents up to 400A, accommodating multiple 18mm modules and miniature circuit breakers, with flexible installation for indoor and outdoor use.

Physical and Modular Size The XM series distribution box is designed with a modular structure, allowing it to house various 18mm modules and miniature circuit breakers with 86 sockets, which can be assembled to meet specific power distribution needs. The box typically features a three-part detachable structure consisting of the box bottom, mounting bracket, and box cover, facilitating easy installation and maintenance. It includes zero line (N) and grounding (PE) terminal blocks, and the maximum incoming cable size can reach 16 square millimeters.

Electrical Specifications

Rated Voltage: 220V/380V AC
Rated Current: Up to 400A for industrial models, and $\leq 100A$ for indoor lighting distribution boxes
Frequency: 50Hz
System Type: Three-phase, four-wire power systems

Installation and Environmental Considerations The XM distribution box can be installed indoors or outdoors, with common methods including surface mounting and recessed mounting. It is suitable for environments with ambient temperatures from -5°C to $+40^{\circ}\text{C}$, relative humidity up to 90% at $+20^{\circ}\text{C}$, and altitudes up to 2000 meters. The box is designed to withstand dust, moisture, and corrosion, making it robust for industrial, commercial, and residential applications.

Summary In practical terms, the size of the XM distribution box is defined by its modular capacity rather than fixed dimensions, allowing customization based on the number of circuit breakers and modules required. Its robust metal cabinet and modular design ensure flexibility, safety, and ease of maintenance, making it suitable for a wide range of electrical distribution applications.

Article Content

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XM type distribution box-Hengkai Electric Co., Ltd.

XM lighting metering and distribution box is suitable for single-phase, three-wire or three-phase five-wire terminal circuits with rated voltage of 220V or 380V and total load current of single row of not more

China XM Power Distribution Box 1600A IP40 380KV Custom

XM distribution box is used for centralized power reception, power distribution, circuit control, overload protection, short-circuit protection, and safety isolation in medium and high-power low-voltage power

How to choose a distribution box of the right size for a project based ...

If you're like most electrical professionals, picking the right distribution box for your project can feel like navigating a maze. I've been in those shoes - staring at spec sheets, worrying about

XM Distribution box-Tongyuan Electric

The XM series comprehensive distribution box/cabinet is divided into lighting distribution box, small power distribution box/cabinet, metering box according to its different functions.

6.1.6. What is Process Capability?

What is Process Capability? Process capability compares the output of an in-control process to the specification limits by using capability indices. The comparison is

China XM Type Distribution Box 32A 220V

Gaobo Power Solution's XM series distribution box is a professional low-voltage power distribution device designed for indoor use.

Download Oxygen XML Editor

The OpenJDK JRE bundled with Oxygen is created using jlink from the Eclipse Adoptium Temurin distribution and jmods of the corresponding version of JavaFX by Gluon. After downloading, double

Control Chart Template

Other Templates related to Control Charts Pareto Chart - This template helps you perform a pareto analysis to analyze most significant factors. Box and Whisker

AshwinD24's gists · GitHub

GitHub Gist: star and fork AshwinD24's gists by creating an account on GitHub.

XM Type distribution box-First Electric

XM The type distribution box is suitable for single-phase, three wire, or three-phase five wire end circuits with a rated voltage of 220 or 380V and a total current of no more than 80A per row load.

Eaton XBoard Distribution Box

The Power of Eaton Eaton's power distribution systems are designed to be as compact and energy efficient as possible while easy access for installation, operation and maintenance. Medium and Low

XM Residential Distribution Box-Hangyue Intelligent

It is suitable for terminal distribution in public buildings, residential buildings, and home decoration, and can also be used in power supply locations such as building lighting, distribution, and power. The

HCP326812N

Schneider Electric USA. HCP326812N - Interior, I-Line Panelboard, HCP, 1200A, main lugs, 63in CB space, for 42in W x 68in H x 9.5in D box, Cu bus, w/neutral.

XM Distribution Box

Detailed description: The distribution board is designed for use in office and administrative buildings, commercial facilities, and residential premises on general AC 50 Hz distribution networks with a

XM series distribution box

XM series distribution box are suitable for three-phase four wire power systems with AC frequency of 50Hz, rated voltage of 220V/380V, and rated current below 400A.

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

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.

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GSDB-4030 400x300x190 3 Phase Service Connection Distribution Box/ ABC Distribution Box 11.

Low Voltage Distribution Box XM

XM Series Low Voltage Distribution Box designed for safe and reliable power distribution in commercial and industrial electrical systems.

Distribution Box and Selection Guide: Internal Structure,

Learn how to choose a distribution box and understand its internal structure, including MCBs, busbars, neutral bars, earth bars, RCDs, RCBOs,

XM Distribution Box

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 widely used in

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