

Home 380 Distribution Box



AI Overview

A household 380V distribution box is a low-voltage electrical enclosure designed to safely distribute three-phase power, protect circuits, and house meters or control devices for residential or small commercial applications.

Overview A 380V distribution box is used in three-phase electrical systems to manage and distribute power safely within a household or small commercial building. These boxes are designed to accommodate 380V circuits, provide overload, short-circuit, and leakage protection, and allow for easy installation and maintenance of electrical components.

Types and Features

- Three-Phase Meter Boxes** Designed to house three-phase electric meters for accurate energy measurement. Often feature transparent enclosures for easy inspection. Include 1+2 4P empty openings for flexible circuit connections. Suitable for residential, commercial, and industrial applications.
- Low-Voltage Distribution Boxes** Support surface-mounted or flush-mounted installation. Include modular designs for currents up to 125A or 250A, allowing installation of MCCBs, MCBs, and other protective devices. Provide intelligent control, metering, and safety mechanisms for overload, short-circuit, and leakage protection.
- Floor-Standing Power Distribution Cabinets** Larger cabinets like the XL-21 or SP-XL series are suitable for higher current ratings (up to 800A) and industrial use. Constructed from cold-rolled steel with electrostatic spray finish, offering IP54 protection against dust and water. Feature modular compartments for circuit breakers, relays, and measurement instruments, ensuring safe and flexible power distribution.

Key Considerations

- Safety:** Ensure the box provides adequate protection against electrical hazards and environmental factors.
- Current Rating:** Choose a box rated for the expected load (e.g., 125A, 250A, or higher).
- Installation Type:** Surface-mounted boxes are easier to retrofit, while flush-mounted boxes offer a cleaner appearance.
- Modularity:** Modular designs allow for future expansion or replacement of components without major rewiring.
- Visibility** an...

Article Content

Understanding Distribution Boxes: Your Guide to Power

Understanding distribution boxes: Your guide to power distribution. Learn about power distribution box functions and shop power distribution options.

How to Choose a Home Distribution Box – Expert Guide

Learn how to choose the right home distribution box with our expert guide. Compare circuit capacity, IP ratings, breaker types & avoid common mistakes.

Hhy-380 6 Channel Power Distribution Box for PRO

Hhy-380 6 Channel Power Distribution Box for PRO Audio System US\$250.00-300.00
1 Piece (MOQ) Send Inquiry Chat Now

How to Choose a House Distribution Box

Choosing the house distribution box that best fits your home is important for your safety and the efficiency of your electrical system. It facilitates

Power Box Distribution ☐ In stock ☐

SX delivers high-performance power box systems at factory-direct prices. Our customisable solutions ensure you get the exact power distribution setup you

What Is a Distribution Box?

A distribution box is a device that, as the name suggests, is designed to distribute electrical power. It takes the electrical power from the main

XL-21 Low-Voltage Power Distribution Box | 380V 800A

The Fulleto XL-21 series is an indoor, floor-standing power distribution cabinet

380v Distribution Box

Discover 380V power distribution box solutions with CE certification, ideal for reliable cable converter box setups in industrial settings.

How a Home Electrical System Works

An overview of how a home electrical system works with illustrations of various components Electricity has become an essential part of contemporary

380V Distribution Cabinet Electric Board Panel 100A Electrical Circuit ...

380V Distribution Cabinet Electric Board Panel 100A Electrical Circuit Breaker Box, Find Details and Price about Electrical Circuit Breaker Box Distribution Cabinet from 380V Distribution Cabinet

SP-XL 3 Phase 380VAC Floor Standing Power

SP-XL low-voltage power distribution cabinet is suitable for three-phase three-wire, three-phase four-wire, three-phase five-wire system of 400V and below, and is

Size determination, installation method and wiring mode

The distribution box is the central hub of the home circuit and the general control of our daily power consumption. It is an indispensable electrical equipment. If there

50Hz 380V 3 Phase Electrical Distribution Box

50Hz 380V 3 Phase Electrical Distribution Box, Find Details and Price about Switchgear Electrical Switchgear from 50Hz 380V 3 Phase Electrical Distribution Box - Jiangsu Dechun Power Electric

Three-phase four-wire electric meter distribution box 380v ...

In short, this three-phase four-wire meter distribution box, a 380v electrical panel, is not just a practical household appliance, but a reflection of your lifestyle. It seamlessly integrates

ITPro Today, Network Computing, IoT World Today combine

ITPro Today, Network Computing and IoT World Today have combined with TechTarget . The page you are looking for may no longer exist.

House Distribution Board Wiring Diagram

A distribution board (also known as a service panel or breaker box) is a centralized collection of circuit breakers, fuses, and/or relays used to control

One pump control box for use and one for backup! single-phase for

If you're constantly frustrated with your home water pump failing or are looking to upgrade equipment for your farm or livestock, this "one-on, one-off" water pump control box is an absolute

Understanding Distribution Boxes: A Comprehensive

A distribution box, also known as a power distribution box or electrical distribution box, is used to distribute electrical power safely to multiple

Power Distribution Box Electrical Box 2 Core 220-250V

[Industrial Grade Socket Box] Equipped with 4pcs two core sockets (220 to 250V 16A) and 2pcs five core sockets (380 to 415V 16A, 32A), meeting the power

Power Distribution Panels | McMaster-Carr

Choose from our selection of power distribution panels, including square D circuit breaker boxes, electrical wiring and connecting, and more. Same and Next Day Delivery.

Electric Distribution Box OEM 380V AC Stainless Steel IP65 Durable ...

Feature highlights: This electric distribution box is designed for durability and safety, featuring a rugged stainless steel build with IP65 protection, suitable for harsh environments. It supports flexible

Power Distribution Panel Box 380V DC Power Supply

Power Distribution Panel Box 380V DC Power Supply Cabinet, Find Details and Price about 380V DC Power Supply Cabinet and Power Distribution Box from

3 Phase Power Distribution Box, 220V-380V Electrical Boxes CEE

Product Description Professional Three-Phase Power Distribution for Event Equipment This three-phase power distribution unit is designed to manage and deliver electrical power to multiple audio, video,

Merlin Gerin Three-phase Electric Meter Box – Transparent, 380V,

This transparent and durable box is designed to house three-phase meters for 380V electrical systems and is equipped with 1+2 4P empty openings for convenient circuit connections.

3 Phase 380v Distribution Box

3 Phase 380v Distribution Box with LED lights, 4 channels, French breaker, and anti-fire materials. Ideal for electrical power distribution. Shop now!| Alibaba

HHY-380 2U Rack 6 Channel Power Distribution Box for

HHY-380 2U Rack 6 Channel Power Distribution Box for Pro Audio Input: 32A/5pin Three phase input and output (380V or 220V) Output 6 Channels x 16A/3pin

Contact Us

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