

## Article Overview

A JXF distribution box is a customizable low-voltage electrical distribution and control box used for power distribution, monitoring, and protection in industrial, commercial, and residential settings.

## Overview

The JXF distribution box is designed for low-voltage AC systems (50 Hz) with voltages up to 500V and load currents typically not exceeding 250A . It is a modular device that can be assembled with various control components selected by the user, allowing customization of size and internal configuration to suit specific installation requirements .

## Key Features

- o Protection Functions: Provides overload, short-circuit, phase-loss, and earth-leakage protection, as well as control functions for electric motors and power distribution systems .
- o Design and Construction: Compact and rational design with a well-organized internal structure for easy installation and maintenance. The box often includes a zinc alloy AB lock, 180° free-opening door, and foam sealing strip for safety and protection .
- o Material and Durability: Typically made of high-quality cold-rolled steel with electrostatic powder coating, offering corrosion resistance and long service life .
- o Protection Level: Many models provide high protection levels (e.g., IP54), preventing dust and water ingress, suitable for harsh environments .

## Applications

The JXF distribution box is widely used in:

- o Industrial and mining enterprises
- o High-rise buildings, hospitals, schools, and institutions
- o Residential communities, shopping malls, and urban redevelopment projects
- o Metallurgy, petrochemical, healthcare, and aviation sectors

## System Compatibility

It supports three-phase three-wire, four-wire, and five-wire systems, making it versatile for various electrical distribution setups . The box is suitable for both industrial and civil buildings, providing reliable and safe operation for power distribution, lighting, and loop systems .

# What are the JXF distribution boxes

## Customization

The size and specifications of the JXF box can be tailored according to the type, quantity, and size of installed components. Users can specify dimensions, material thickness, and quantity when ordering to meet specific project requirements. In summary, the JXF distribution box is a flexible, safe, and reliable solution for low-voltage power distribution and control, offering protection, modularity, and adaptability for a wide range of applications.

JXF Series Power Distribution Box product is box assembled with various control functions by customer-selected

The Jxf Distribution Box is classified under our comprehensive Power Distribution Cabinet & Box range. Power distribution cabinet &

JXF Series distribution box is a kind of distribution equipment with various control functions assembled based on the type,

Jxf electric distribution box are essential components in modern electrical infrastructure, designed to manage and distribute electricity

Low voltage distribution box Overview JXF Series distribution box is a kind of distribution equipment with

JXF small distribution box is a widely used device in low-voltage power systems, designed for the distribution and control of electrical

JXF type distribution cabinets are divided into two types: outdoor applicable type and indoor applicable type. Adopting wall mounted

It provides control, leakage protection, and motor overload, short-circuit, phase-loss protection, as well as various control functions

Industrial, electric power transmission Brand Name Supcon Model Number JXF Rated Voltage  $\leq 0.4\text{KV}$  Rated Frequency 50Hz Rated

The JXF distribution box is suitable for 50Hz, 500V and below three-phase three-wire, three-phase four-wire, and three-phase five

JXF series products are suitable for power, lighting and loop power distribution control, monitoring and metering protection in

## What are the JXF distribution boxes

JXF low-voltage distribution box We will present the performance, safe operation methods, and technical parameters of JXF low

Metal distribution box JXF2515 metal distribution box (JXF indoor/JFF outdoor) enclosure box is designed

General Type Distribution Box Jxf1 Power Electrical Cabinet, Find Details and Price about Distribution Box General

Open-mounted distribution box installation method: Assemble four bolts into the four holes on the corners and tighten them into the

Metal Indoor Distribution Box Enclosure Description: JXF indoor metal enclosure box is designed to be assembled into the

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