

Jx Distribution Box Size Classification



Overview

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

Key Takeaways

JX distribution boxes are classified by type, installation style, and size, with standard dimensions ranging from 200x200x150mm to 1800x1000x300mm, and customizable options available. Types and Installation Styles

JX series distribution boxes are generally divided into three main types: general-purpose, outdoor, and perspective window types. They can also be configured as open type or concealed type depending on user requirements. Indoor concealed boxes can be specially ordered with a designation "R" in the model number.

Standard Size Classification

The boxes come in a wide range of standard sizes to accommodate different electrical components and installation needs. Typical dimensions include:

- Small boxes: 200x200x150mm
- Medium boxes: 600x500x200mm
- Large boxes: up to 1800x1000x300mm The size selection depends on the number of modules, type of components, and installation location.

Material and Construction

- Material: Cold-rolled steel or stainless steel

- Body and door thickness: 1.5mm for smaller boxes, 2mm for larger boxes
 - Mounting plate thickness: 2mm for most sizes
 - Protection rating: IP55 for standard models, suitable for indoor and outdoor use
 - Finish: Epoxy polyester powder coating, RAL 7032 textured for body and door, RAL 2004 smooth for mounting plate
- Module and Capacity Classification

JXDB type metal distribution boxes are often classified by the number of modules they can accommodate:

- 30, 36, 45, 60, 72 modules
- Rated voltage: 100A
- Mounting type: Surface-mounted
- Color: RAL7032/7035
- Fire resistance: 960°C/30s
- Humidity tolerance: Max 95%
- Storage temperature: -40°C to +75°C

Customization

JX distribution boxes can be customized according to user requirements, including:

- Specific box dimensions
- Material thickness
- Quantity
- Indoor or outdoor configuration
- Concealed or open type
- Special features like locks, viewing windows, or foam sealing strips

Applications

These boxes are widely used in civil buildings, industrial and mining enterprises, commercial offices, power plants, substations, hospitals, schools, and residential areas for power distribution, control, monitoring, and protection . In summary, JX distribution boxes are classified by type, installation style, module capacity, and size, with a broad range of standard dimensions and extensive customization options to meet diverse electrical installation needs.

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

