

Dongya Lighting Distribution Box Model Indication

Article Overview

Dongya Lighting Distribution Box models are indicated by codes such as JS, LWDF, and LWDS, which correspond to specific material types, rated currents, and functional features.

Model Codes and Meaning

Dongya Lighting Distribution Boxes use model numbers to indicate key specifications:

- o JS: Typically refers to a standard metal distribution box made of galvanized steel, suitable for general lighting and electrical distribution applications, with excellent bend ability and durability .
- o LWDF & LWDS: These models are often made from ABS or aluminum materials, designed for circuit breaker integration, with rated currents ranging from 10A to 125A and rated voltages of 220V/400V . These models may also include features like IP55 protection for dust and water resistance.

Key Specifications Indicated by Models

- o Material: The model code often reflects the enclosure material, such as metal, ABS, or aluminum, which affects durability, corrosion resistance, and suitability for indoor or outdoor use .
- o Rated Current and Voltage: Each model indicates the maximum current (e.g., 10-125A) and voltage (e.g., 110V-420V) the box can safely handle .
- o Protection Class: Some models, especially those labeled LWDF/LWDS, indicate IP protection levels (e.g., IP55), which denote resistance to dust and water ingress .
- o Functional Features: Certain models may include indication lights, circuit breakers, or energy monitoring modules, which are often reflected in the model designation .
- o Explosion-Proof Variants: For hazardous environments, some Dongya models are explosion-proof, with model codes and specifications indicating compliance with safety standards .

Additional Notes

- o Model selection depends on the application environment, required current/voltage, and whether additional features like remote monitoring or explosion-proofing are needed .
- o Standardization: Dongya models generally follow DIN or GB standards, ensuring compatibility with other electrical components .
- o Visual Indicators: Many models include status lights to show mains power availability, which is important for maintenance and monitoring .

Understanding the model code allows users to quickly identify the material, electrical rating, protection level, and functional features of a Dongya Lighting Distribution Box, ensuring proper selection for residential,

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commercial, or industrial applications.

The use of switches, pushbuttons and indicator lights enables switching, controlling and electrical consumer indications from a

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Model. High voltage distribution box is the control part of EV power supply, which has the functions of power distribution, current

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Explosion-proof lighting distribution boxes and cabinets come in a variety of models. They vary in terms of materials,

220 Power Distribution Box 220 Power Distribution Box, also called power and lighting distribution control

Material: Cast Aluminum; Place of Origin: Zhejiang China (Mainland); Brand Name: Vican; Working Temperature: -40?-50?;

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