

Chinese Cabinet-Type Distribution Box Models



Overview

China Distribution Cabinet Box, Distribution Cabinet Box Wholesale. "Distribution Cabinet Box" products found from trusted manufacturers & wholesalers Ch.

Key Takeaways

Chinese cabinet-type distribution boxes come in a wide range of models, including wall-mounted, floor-standing, stainless steel, plastic, and modular designs, with customizable sizes, IP ratings, and electrical capacities. Overview of Distribution Box Types

Chinese manufacturers offer various cabinet-type distribution boxes suitable for residential, commercial, and industrial applications. Common types include:

- **Wall-Mounted Boxes:** Compact units for indoor use, typically ranging from 300x200x150 mm to 600x400x200 mm, suitable for small circuits and modular DIN rail components .
- **Floor-Standing Cabinets:** Larger enclosures for industrial or commercial facilities, often 2000x800x600 mm or larger, accommodating high-capacity busbars and multiple circuit breakers .
- **Stainless Steel Boxes:** Corrosion-resistant, ideal for harsh environments or outdoor installations, often with IP65/IP66 ratings .

- Plastic or Fiberglass Boxes: Lightweight, non-conductive, and suitable for indoor or light outdoor use, typically with IP54 protection .
- Modular/Integrated Intelligent Boxes: Advanced models like the JP series integrate power distribution, control, protection, metering, and reactive compensation in one unit .

Key Specifications

When selecting a distribution box, consider the following parameters:

- Enclosure Material: Galvanized steel (SGCC/SPCC), stainless steel (SS304/SS316), aluminum alloy, or engineered plastics (PC, ABS, fiberglass), .
- IP Rating: Indicates protection against dust and water. Common ratings include IP54 (indoor) and IP65/IP66 (outdoor), .
- Electrical Capacity:
 - Maximum voltage and insulation withstand voltage
 - Maximum current for main busbars
 - Short-circuit current rating
- Fire Rating: Some materials are fire-retardant to meet safety standards .
- Number of Ways/Modules: Refers to the number of circuit breakers or devices accommodated; standard DIN rail modules are 17.5 mm wide .
- Mounting Type: Surface-mounted, flush-mounted (recessed), or floor-standing .

Popular Chinese Models

Some widely recognized models and series include:

- BJS1, BJSS, BJH-A: Wall-mounted enclosures for residential and small commercial use .
- MCCB Distribution Panel Boxes: For medium to high current applications, often with waterproof or explosion-proof options .
- JP Series Integrated Intelligent Distribution Boxes: Outdoor units combining multiple functions such as power distribution, control, protection, and metering .
- Customizable OEM Boxes: Many manufacturers offer tailored solutions with custom sizes, busbar configurations, cable entry modifications, and branding .

Advantages of Chinese Distribution Boxes

- Safety: Protects against electrical shocks, short circuits, and environmental hazards .
- Organization: Centralizes wiring and components for easier maintenance .
- Scalability: Allows future expansion or modification of electrical or data networks .

- Compliance: Meets local and international electrical codes and standards .
- Procurement and Customization

Chinese suppliers provide OEM and custom services, including:

- Custom dimensions, colors, and materials
- Logo embossing and branding
- Modular busbar fitment and cable entry modifications
- Bulk orders with competitive pricing for distributors For sourcing, platforms like Made-in-China, Transmission-China, Gaobo, GoldSupplier, and SourcifyChina list thousands of verified suppliers offering a wide range of distribution box models . In summary, Chinese cabinet-type distribution boxes are highly versatile, with options ranging from small wall-mounted units to large intelligent floor-standing cabinets, offering customizable features, robust safety standards, and scalable designs suitable for diverse electrical applications.

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