

Distribution Cabinet

◆ Product Description

The power distribution cabinet is an indispensable core device for power distribution and control in the fields of industrial production, commercial buildings and civil facilities. Its casing is made of cold-rolled steel plate or stainless steel. Internally, it integrates core electrical components such as high-precision circuit breakers, AC contactors, thermal relays and electric energy metering instruments; some models can also be equipped with intelligent monitoring modules. The overall structure adopts a modular layout, which facilitates later maintenance and overhaul.



- High-quality weather-resistant material
- Comprehensive electrical configuration
- Full-range power management and control
- Flexible installation adaptability
- Clear operation marking

◆ Product Structure

- The power distribution cabinet adopts an integrated modular and layered structure design. Its exterior is a sealed protective casing made of high-quality cold-rolled steel plate or stainless steel. Internally, it is divided into three core modules (power distribution, control, and protection) according to their functions, and physical isolation between each module is achieved through insulating partitions. The overall structure is compact and neat, which not only ensures electrical operation safety, but also facilitates the later maintenance, replacement and function expansion of components, and can be adapted to the power management and control installation needs in different scenarios.

◆ Typical Applications

- The power distribution cabinet is a key core device for power distribution and control in power systems across multiple fields, and is widely used in scenarios such as factory workshops, commercial complexes, data centers, residential communities, and municipal infrastructure. It provides stable power distribution and circuit protection, achieves precise power consumption management and control, prevents circuit faults from affecting operations, safeguards the security of data storage and computing, completes reasonable power branching and fault early warning within the area, builds a solid power security defense line, and meets the diversified power management and control needs in different scenarios.

◆ Typical Product Data and Physical Properties

Rated Operating Voltage: AC 220V/380V

Rated Operating Frequency: 50Hz/60Hz

Protection Class: IP20 (Internal)/IP54 (Overall Casing)

Casing Material: Cold-rolled Steel Plate/Stainless Steel

Casing Surface Treatment: Electrostatic Spraying /Wire Drawing and Polishing

Availability:

Material Code	Product Name	Weight	packing
1.4.24.01.0280	AL01 Distribution Cabinet	20KG	1pcs/CTN
1.4.24.01.0279	AL02 Distribution Cabinet	20KG	1pcs/CTN

◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data is for reference purposes only.

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