

## Distribution Box For Aging Room

### ◆ Product Description

The aging room distribution box is a dedicated core power control and distribution device for aging test chambers. Its main frame can be made of high-quality cold-rolled steel plate or stainless steel, and it integrates core electrical components such as high-precision circuit breakers, AC contactors, thermal relays, and temperature control protection modules inside. It can realize functions such as power distribution, circuit protection, on-off control, as well as overload, short-circuit and over-temperature early warning for various test loads in the aging room.



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

### ◆ Product Structure

- The aging room distribution box adopts an integrated structure design of modularization and layered layout. Its exterior is a sealed protective casing made of high-quality cold-rolled steel plate or stainless steel. The casing is pre-preserved with standardized interfaces suitable for flat or embedded installation, and is also equipped with a dustproof and waterproof operation panel and access door. Internally, it is divided into three functional modules: power distribution module, control module and protection module. Physical isolation is achieved between each module through insulating partitions, which ensures electrical safety and facilitates the maintenance and replacement of components in the later stage. The overall structure is compact and the layout is neat, which is suitable for the special working conditions of the aging room.

### ◆ Typical Applications

- The aging room distribution box is widely used in places such as electronic component aging rooms, new energy battery aging test chambers, household appliance whole-machine reliability aging laboratories, and auto parts high-temperature aging workshops. It can be customized and adapted according to the power requirements and protection needs of different scenarios, providing stable power distribution and safe circuit protection for various aging test equipment. This ensures that the power supply throughout the aging test process is controllable and reliable, helping to achieve accurate verification of product performance and durability.

### ◆ 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
1.4.24.01.0596	Distribution Box For Aging Room	13KG	1pcs/carton

### ◆ 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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