

Electrical distribution box wh



Overview

Easy Installation: This circuit breaker box is designed for easy installation, allowing you to mount it on walls in just a few simple steps.

Key Takeaways

The WH series electrical distribution box is a versatile, waterproof, and durable enclosure designed for safe power distribution in residential, commercial, and industrial applications.

Overview

A W

H electrical distribution box is a protective enclosure used to house circuit breakers, fuses, and other electrical components for distributing power safely. These boxes are typically made from polycarbonate/ABS or PC-ABS alloy plastics, offering high impact resistance, flame retardancy, and durability under extreme temperatures ranging from -25 °C to +100 °C. Many models, such as the WHA series, are IP65 rated, making them suitable for both indoor and sheltered outdoor installations.

Key Features
DIN Rail Mounting: Pre-installed DIN rails allow easy installation of breakers and other modular devices. **Waterproof and Dustproof:** IP65 protection ensures resistance to water jets and dust ingress, ideal for outdoor or industrial environments. **Impact Resistance:** IK10 rating provides strong protection against mechanical impacts.



Temperature Range: Operates reliably from -25 °C to +100 °C, suitable for harsh conditions. Versatile Applications: Can be used for lighting circuits, photovoltaic (PV) systems, electric vehicle charging stations, control circuits, and general power distribution. Transparent or Smoked Doors: Some models feature a PC viewing door for quick inspection of breakers without opening the box.

Installation and Use

Mounting: Mark fixing points, drill, and wall-mount the base ensuring it is level. Cable Entry: Open knock-outs and fit appropriately sized cable glands or bushings to maintain sealing. Component Installation: Clip protective devices onto the DIN rail and add neutral/earth bars if required.

Wiring: Dress conductors, maintain bend radius, label circuits, and tighten terminals. Final Check: Close the door, verify gasket compression, and test continuity/insulation. Variants and Sizes WH series boxes come in 4 to 26 ways, accommodating different numbers of circuits depending on the application.

Smaller models like the YWBL-WH are compact, lightweight, and suitable for indoor or outdoor solar and EV charging setups, with dimensions around 8.66 x 8.27 x 4.

72 inches.

Advantages

Durable and long-lasting: Resistant to aging, high temperatures, and mechanical stress. Flexible and modular: Can be repeatedly disassembled and reconfigured for maintenance or upgrades. Professional-grade safety: Meets Class II insulation standards and provides reliable protection for electrical installations.

In summary, the WH electrical distribution box is a robust, waterproof, and versatile solution for safely distributing electricity in a wide range of environments, from homes and workshops to industrial and renewable energy applications.

Article Content

YWBL-WH 4 Way Circuit Breaker Distribution Box, DIN Rail ...

Easy Installation: This circuit breaker box is designed for easy installation, allowing you to mount it on walls in just a few simple steps. Enjoy a user friendly experience without the need for complicated

YWBL-WH Wall Distributor, Construction Power Distribution Box

Built to withstand harsh conditions this power socket box boasts an ip44 rating ensuring reliable performance both indoors and outdoors. its robust construction resists dust and splashes

Electrical Power Distribution Box — WHA Series

The WHA Series electrical power distribution box is a waterproof IP65 board designed for dependable field wiring. Its polycarbonate/ABS enclosure and

YWBL-WH Electrical Wiring Box Power Distribution Boxes for

Junction box size: approx. 100 x 68 x 50 mm / 3.9 x 2.7 x 2 inches. Purpose: can be used in various control boxes, cabinets, power distribution instrument boxes, electronic products, etc.

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Durable, die-cast zinc-alloy construction. Suitable for use in wet locations with cover closed. Lockable for security when not in use. Preconfigured for GFCI, the

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