Taiwan Dustproof Distribution Box Model



Overview

CN219180980U The utility model aims to solve the defect of poor dustproof effect caused by inconvenient cleaning and natural cooling of dust on a dustproof.

Key Takeaways

The EKDB10 series and CN219041073U patented dustproof distribution box are key models in Taiwan, offering IP65-rated protection, durable PC/ABS construction, and advanced dustproof ventilation mechanisms. EKDB10 Series Distribution BoxThe EKDB10 series is a widely used dustproof and waterproof distribution box in Taiwan, designed for industrial, commercial, photovoltaic, and EV charging applications. It is constructed from premium PC engineering plastics, providing high mechanical strength, impact resistance, and weather durability.

The series features IP65 ingress protection, ensuring dust and water resistance, and has passed the glow wire flammability test at 960±15°C for fire safety. EKDB10 boxes are available in single, double, or triple layer configurations with 4–39 ways, and include pre-integrated copper terminals for reliable wiring. Security features include reserved padlock positions to prevent unauthorized access, making it suitable for critical electrical installations (Web results).

CN219041073U Dustproof Distribution BoxThe CN219041073U model focuses on advanced dustproofing through a ventilation dustproof mechanism. It includes a dustproof box, ventilation openings, ventilation pipelines, and air filter elements. This design allows outside air to enter while blocking most dust and filtering fine particles, maintaining a ventilated yet dust-free environment inside the distribution box.

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The model also incorporates cable through hole dustproof mechanisms with sliding blocks and springs to prevent dust ingress through wiring entries. A cabinet door with a visual glass window is included for monitoring internal components without opening the box, enhancing safety and maintenance efficiency (Web result).

Key Features to Consider

Material: PC or ABS plastics for durability and impact resistance. Ingress Protection: IP65 or higher for dust and water resistance. Ventilation: Dustproof pipelines and air filters to maintain airflow while preventing dust accumulation.

Configuration: Single, double, or triple layers with multiple ways for circuit distribution. Safety: Flame-retardant materials, padlock provisions, and integrated copper terminals. Applications: Industrial machinery, photovoltaic systems, EV charging stations, and commercial electrical installations.

Additional Options

For customized or commercial packaging needs, Alibaba.com offers a variety of dustproof distribution boxes in different shapes, sizes, and materials, including plastic and organic options suitable for extreme environmental conditions (Web result). These models represent the most reliable and widely used dustproof distribution boxes in Taiwan, combining mechanical strength, dustproofing, and electrical safety for diverse applications.

Article Content

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The utility model aims to solve the defect of poor dustproof effect caused by inconvenient cleaning and natural cooling of dust on a dustproof screen in the prior art, and provides a...

211126479 Dustproof distribution box

The device comprises a box body, the upper end of the box body is a box cover; left and right end side plates of the box body are respectivelyprovided with an exhaust port and an air inlet; a fan is

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The distribution box has the characteristics of small volume, simple and convenient installation, special technical performance, fixed position, no field limitation, small occupied area,...

IP68 Plastic Electrical Enclosures

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General-purpose Distribution Box

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Dust proof electrical box

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The utility model relates to the technical field of distribution boxes, in particular to a dustproof distribution box, which comprises a box body, wherein a dustproof cover is arranged on the left side wall of the

Waterproof and Dustproof Distribution Box for Harsh Weather Conditions

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EKDB10 IP65 Waterproof Distribution Box | Industrial

EKDB10 Series IP65 waterproof distribution boxes offer premium protection for electrical systems in industrial, commercial, and photovoltaic

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The invention discloses a dustproof distribution box based on intelligent industrial equipment production, which relates to the technical field of distribution boxes and comprises a mounting substrate, wherein

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