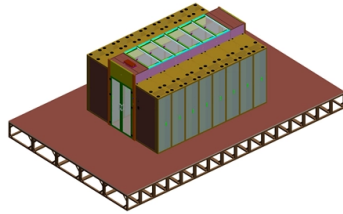


Rainproof three-level distribution box



Article Overview

A rainproof fixed three-level distribution box is designed for outdoor and industrial use, offering waterproof protection, durable construction, and organized circuit management for multiple electrical loads.

Key Features

Construction and Materials: These distribution boxes are typically made from cold-rolled steel plates or UV-stabilized ABS/polycarbonate plastics, providing strength, corrosion resistance, and impact durability for outdoor environments . Steel models often feature a sloping roof and reinforced triangular brackets to prevent water accumulation and enhance stability . **Waterproofing:** Rainproof boxes are engineered to meet IP65–IP68 standards, ensuring protection against dust, rain, and UV exposure . Compression gaskets and secure latch designs maintain sealing even after repeated openings, making them suitable for harsh weather conditions . **Internal Configuration:** Inside, these boxes accommodate multiple air circuit breakers (e.g., 2P/32A, 3P/63A, 3P/10A, 100A) to manage different power requirements safely . DIN rail options are available for flexible wiring and modular installation . Rear wiring configurations help maintain organized and safe connections. **Applications:** Ideal for construction sites, outdoor lighting, pumps, solar systems, and temporary power setups, these boxes support three-phase electricity, lighting circuits, and power tools . They are suitable for environments like steelwork, woodworking machinery, and municipal projects. **Durability and Safety:** Rainproof distribution boxes are designed to resist rust, UV degradation, and mechanical stress. Triangular support brackets and reinforced angle pieces improve stability, while circuit protection devices ensure safe operation under varying loads . **Customization and Sizing:** Many manufacturers offer custom sizing,...

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