

Distribution Box ZL



Overview

ZL Series Ventilation Filter Group Cabinet Distribution Box. Features: Dust isolation, recycling, insulated casing, heat and impact resistance, thickened.

Key Takeaways

The ZL series distribution box is a versatile electrical distribution solution designed for industrial, construction, and household applications, offering modularity, safety, and durability. Overview and Applications

ZL distribution boxes are used to distribute electrical power safely in industrial plants, construction sites, workshops, and residential settings. They are suitable for high-demand environments and can handle multiple devices simultaneously. Some models, like the dual power ZL boxes, allow redundant or split power supply, enhancing reliability for critical operations. They are also used in ventilation filter group cabinets for dust isolation, heat resistance, and easy maintenance.

Key Features

- **Modular Design:** Many ZL boxes support modular combinations, allowing users to adjust the number of sockets, circuit breakers (MCB), residual current devices, energy meters, and phase lights according to specific needs.
- **Durable Construction:** Housings are made from high-quality, impact-resistant materials, often with insulation and heat resistance for safe operation in harsh environments.

- **Safety and Certification:** ZL boxes comply with applicable standards and come with safety certifications and serial numbers, ensuring reliable and certified electrical distribution .
- **Ease of Installation:** Options include mounting brackets, stands, or permanent installation via drilled holes, making them adaptable for construction sites or industrial plants .
- **Ventilation and Maintenance:** Certain ZL models include ventilation filters and cooling fans, which protect internal components from dust and overheating while allowing easy maintenance .

Variants

- **Industrial/Construction Boxes:** Designed for high electricity consumption, robust and transportable, ideal for workshops, road works, and construction sites .
- **Household/Eco Boxes:** Compact, affordable, and convenient for home or garage use, with options for MCB or residual-current protection .
- **Dual Power Boxes:** Enable split or redundant power supply, enhancing operational reliability in critical applications .

Advantages

- Flexible and customizable for different electrical loads.
- High IP protection rating allows use near other machines and devices.
- Ready-to-connect with high-quality sockets and cabling from reputable manufacturers.
- Suitable for both temporary and permanent installations. ZL distribution boxes provide a reliable, modular, and safe solution for electrical distribution across a wide range of applications, from residential to industrial environments .

Article Content

ZIPLinks User Guides and Wiring Diagrams

Select a ZIPLink module or cable below to view specification sheets, label sheets, and cable drawings. Documentation is arranged

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

