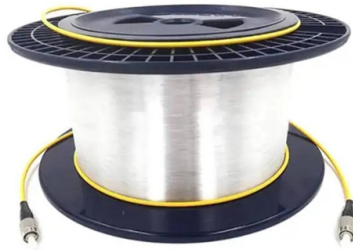


RIVO MULTITRADE OPTICAL SYSTEMS

Handheld Electrical Equipment Distribution Box



Overview

Amazon.com: Power Distribution Box Portable PREMIUM CONSTRUCTION POWER DISTRIBUTION BOX: Crafted by WESTERN, the 6506TLSX Temp power box features a Portable.

Key Takeaways

A handheld electrical distribution box is a portable, durable unit designed to safely distribute power in industrial, construction, or temporary setups, often featuring waterproof enclosures, multiple sockets, and integrated circuit protection. Key Features



Portability and Design: Handheld distribution boxes are compact and lightweight, often equipped with built-in handles for easy transport across job sites. Sizes vary, for example, 250x150x100mm, making them suitable for workshops, construction sites, and outdoor use. Some models include tower buckle hinges for quick access to internal components while maintaining a sealed enclosure.

Material and Durability: These boxes are typically made from ABS or PC engineering plastics, which are impact-resistant, flame-retardant, and corrosion-resistant, ensuring long-term performance in industrial environments. Raised housing edges protect sockets and breakers from physical damage.

Waterproof and Dustproof Ratings: Many handheld boxes feature IP44 to IP67 ratings, providing protection against dust and water ingress, making them suitable for outdoor and harsh environments.

Electrical Specifications: Distribution boxes can include multiple socket types, such as 3-pin 220-250V 16A or 5-pin 220-380V 16A, with integrated circuit breakers for safety. Breaking capacities can reach 6kA, ensuring reliable protection for connected equipment. Some units are compatible with industrial plugs, MCBs, and generators.

Applications: These boxes are ideal for construction sites, workshops, warehouses, temporary events, and solar or generator setups. They allow efficient power distribution with fewer cables and drill holes, improving operational efficiency.

Customization and Quality Assurance: Certain manufacturers offer customizable configurations to match specific industrial requirements, ensuring compatibility with existing electrical systems. Quality certifications like ISO 9001, ISO 14001, and ISO 45001 are common among reputable suppliers.

Summary

Handheld electrical distribution boxes provide a safe, portable, and versatile solution for distributing power in various industrial and temporary settings. Key considerations when selecting a unit include IP rating, material durability, socket type, circuit protection, and portability. Leading suppliers offer both standard and customizable options to meet diverse operational needs.

Article Content

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