Level 3 portable distribution box



Overview

Movable Portable Power Distribution Box, Plastic 3 This box may be powered from a generator, a panel or from a larger box and is Portable Power Distributi.

Key Takeaways

A Level 3 portable distribution box is a robust, multi-phase power distribution unit designed for temporary or mobile applications, offering high amperage capacity, safety features, and portability.

Overview

A Level 3 portable distribution box is typically used to distribute electrical power from a generator, main panel, or larger distribution system to multiple devices or circuits. It is ideal for construction sites, outdoor events, industrial maintenance, and emergency power setups. These boxes are designed to handle higher power loads and often feature three-phase power distribution, making them suitable for heavy-duty applications.

Key Features

Durable Construction: Many Level 3 boxes use heavy-duty molded rubber or PE materials, providing resistance to shock, impact, corrosion, and harsh weather conditions. Some models are rated IP67, ensuring protection against dust and water ingress. Safety and Compliance: Circuit breakers are typically included under hinged lids for enhanced safety.

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Units are often cULus listed and comply with UL 1640 standards, ensuring safe operation in temporary or mobile setups. Portability: Designed for easy transport and setup, these boxes are often stackable, compact, and equipped with elevated bases to keep receptacles above ground level. Adjustable Output: Some models, like the Load Master™ Series, feature adjustable current ratings and multiple circuit breakers (1, 3, or 4), allowing adaptation to changing power requirements.

Versatility: Level 3 boxes can power lights, appliances, computers, audio-visual systems, and industrial equipment, making them suitable for a wide range of applications.

Applications

Entertainment and Events: Powering lighting rigs, sound systems, and AV equipment. Industrial and Construction Sites: Supplying power to machinery, tools, and temporary workstations. Emergency and Maintenance: Providing reliable temporary power during outages or maintenance operations.

Customization

Manufacturers like J&HW Group and suppliers on platforms like Alibaba offer customizable Level 3 distribution boxes, allowing users to specify socket types, amperage, phase configuration, and enclosure materials to meet specific operational needs.

Summary

A Level 3 portable distribution box is a high-capacity, safe, and portable solution for distributing electrical power in temporary or mobile environments. Its durable construction, adjustable outputs, and compliance with safety standards make it suitable for demanding applications across industrial, entertainment, and emergency sectors.

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Frequently Asked Questions

Why does Lex offer rubber enclosure portable power distribution boxes?

Rubber enclosures are resistant to rust, corrosion, and denting. The enclosure is resistant to mechanical shock, and impacts which increases the pr...

What are NEMA Type 1 (Indoor) and Type 3R (Outdoor) ratings?

Definitions as specified in UL 50E: TYPE 1 – Enclosures constructed for indoor use to provide a degree of protection to personnel against access to...

Should the ground and neutral be reversed (RGN, Reverse Ground & Neutral, Reverse Ground) on cam dev...

This is a safety practice commonly used in the Entertainment industry. Reversing certain cam connections makes it less likely that a ground or neut...

What is the meaning of cam colors?

Cams are colored as a convention to Identify phases, (red black and blue for 120/240 VAC and neutral and ground wires. In the US NEC, only green an...

Article Content

Portable Power Distribution Units & Boxes| LEX Products

These temporary power distribution boxes feature 1, 3 or 4 adjustable circuit breakers, with a range of amperage and voltage ratings. The Load Master® Series portable power distribution racks are

Portable Power Distribution boards for temporary

Single and three phase power distro for events, broadcast, marinas, sporting, off the shelf or made to order.

Leviton Power Distribution Box

Leviton Power Distribution Boxes deliver portable power when and where you need it. Built to withstand the heavy abuse in typical construction sites, entertainment venues, or anywhere requiring remote

Portable Electrical Box | Labhya Tech Systems

Designed for use with industrial plugs, sockets, and MCBs, this customizable box ensures seamless compatibility with your specific requirements. With its durable construction and easy mobility, it''s

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Heavy Duty Temporary Power Distribution Box IP67

Our Portable Distribution Board: Industrial Plugs, Industrial Sockets and Industrial Connectors adopt “preventing incorrectly insertion” design and have the

Portable Power Distribution

Designed for durability in tough environments, these transportable distribution units make it easy to control and deliver power where you need it most — from

Power Distribution Boards | 16A 32A 63A 125A | Single

Made in Austria and the UK, these heavy duty power distribution units are suitable for all industrial machinery, engineering, welding, event, marquee, catering,

Lex Products Portable Electrical Power Distribution Boxes

A full range of power distribution systems from 20 Amps to 400 Amps. These products are durable, safe, long lasting and deliver power where and when it is

Portable Distribution Box 220V, 3 Way Portable Distribution Box With ...

Portable Distribution Boxes, also known as power distribution boxes, provide a safe way to distribute power to power tools and other equipment that requires power on a job site or other location where

Mobile Distribution Boxes | DISTRO-DIRECT

mobile distribution boxes Users in over 68 countries worldwide appreciate the ruggedness, dependability, design and lifespan of our power distribution boxes.

12 Way 3 Phase Portable Power Distribution Box

Product Overview: 12-Way Portable Power Distribution Box The SX 12-Way Portable Power Distribution Box is designed for efficient 3-phase power

Portable Distribution Box 220V, 3 Way Portable Distribution ...

Portable Distribution Box 220V, 3 Way Portable Distribution Box With Safety Mark Approved ELCB. Industrial 3 Ways Distribution Box. 1.5M 3 Core 2.5 Neoprene Thick Cable. 3 x 16A220v-250v IP44

What is a Container? | Docker

A container is a standard unit of software that packages up code and all its dependencies so the application runs quickly and reliably from one computing environment to another. A Docker container

Portable electrical distribution box

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Types of Portable Electrical Distribution Boxes A portable electrical distribution box is a critical component in temporary or mobile power setups, enabling safe and efficient power distribution to

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Order high-quality portable distribution boxes Accessories Best Prices Huge Variety from Vikiwat. Purchase Today, Enquire About Shipping Options

32A 400V Portable Distribution Board

32A 400V portable Garo Power Distribution Box with 32A, 16A & 13A outlets Description: The Garo range is part of our new budget Titan Power range. This

Power Qubes | Power Temp Systems

Power Qubes 50amp to 400 amp power distribution boxes available in rubber or powder-coated aluminum enclosures. These portable power distribution boxes are designed as NEMA Type 3R

Portable Power Distribution Systems

The Walther power distribution system is also available fused, with RCD''s GFCI breakers or practically any type of overload protection that meets your

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