

380 and 220 distribution boxes

Article Overview

Distribution boxes rated for 220V and 380V are versatile electrical enclosures designed for safe power distribution in residential, commercial, and industrial settings.

Overview

Distribution boxes, also known as DBs or electrical panels, are used to distribute electrical power safely from a main supply to various circuits. Boxes rated for 220V are typically used for single-phase systems, while 380V boxes are designed for three-phase systems, common in industrial and commercial applications . Many modern boxes support both voltages, allowing flexible deployment in mixed environments .

Key Features

- **Protection Mechanisms:** Most distribution boxes include overload, short-circuit, and leakage protection, often integrated with miniature circuit breakers (MCBs) or molded case circuit breakers (MCCBs) for enhanced safety .
- **Modular Design:** Boxes can accommodate modular components on DIN rails, enabling easy installation, maintenance, and expansion. Current ratings typically range from 6A to 250A, depending on the model .
- **Material and Durability:** Boxes are made from metal or high-quality ABS plastic, often with IP44 to IP66 ratings for dust and water resistance, suitable for indoor and outdoor use .
- **Installation Options:** Surface-mounted or flush-mounted designs are common, with adjustable guide rails and protective panels to enhance safety and convenience

Article Content

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Industrial 380/220V Power Distribution Box Waterproof

Industrial 380/220V Power Distribution Box Waterproof 3 Pole 16A 32A 63A Socket Connector IP67 Rated

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SEAFRONT Industrial Waterproof Power Distribution Box Power

[Industrial Grade Socket Box] Equipped with 4pcs two sockets (220 to 250V 16A) and 2pcs five sockets (380 to 415V 16A, 32A),

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Distribution Boards

The Distribution Boards are powered by proven quality, ensuring dependable circuit protection against both overload and short

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The low-voltage distribution box supports surface-mounted/flush-mounted installation, offering high safety performance. It integrates

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[Industrial Grade Socket Housing] Equipped with 4 dual-core outlets (220-250V 16A) and 2 five-core outlets (380-415V 16A, 32A),

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Waterproof Socket Box Compact Distribution Box Multi Sockets

Waterproof Socket Box Compact Distribution Box Multi Sockets AC Power Junction Box 220-380V 240-415V IP65 Waterproof Grade

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Support complex electrical setups with rugged 380v 220v socket boxes engineered for dependable performance, lasting connections,

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18 Way 220v DB MCB Distribution Box, MCB DB Box

Futina FTAMG series 18 model mcb box, with plastic panel and iron box, and the

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380V Three Phase Industrial Steel Distribution Cabinet

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Power Distributor 28 Way 400amp Power Distro Box

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Low Voltage Control Panel Box Electrical 220V/380V

Low Voltage Control Panel Box Electrical 220V/380V Electrical Control Panel Board Distribution Cabinets,

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Power Distribution Box Electrical Box 2 Core 220-250V

About this item [Industrial Grade Socket Box] Equipped with 4pcs two core

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380 V to 220 V Distribution Wiring Diagram

This video explains the distribution wiring diagram for 1 phase 220 Volt from 3 phases 380

Jan 26, 2026

Power Distribution Panel, 380Y/220V AC 3PH, 800A MB Panel, (1)

Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for

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