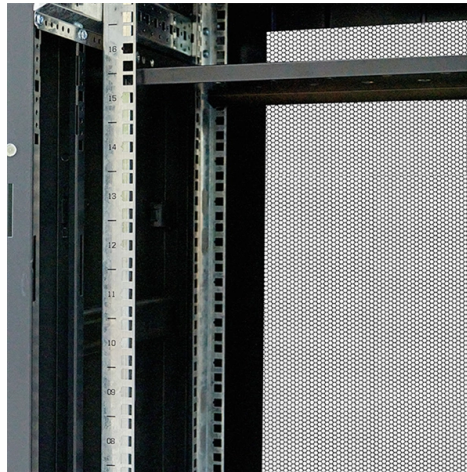


Prices and Specifications of Common Distribution Box Circuits



AI Overview

Distribution box prices vary by specifications such as amperage, number of circuits, material, and application, ranging from basic residential units to advanced commercial and industrial systems.

Overview of Pricing Factors

Distribution box costs depend on several key specifications:

- Voltage rating:** Single-phase (residential) vs. three-phase (commercial/industrial)
- Amperage capacity:** Common ratings include 63A, 100A, 125A, 250A
- Number of circuits:** Typically 4–24 ways for modular DIN rail systems
- Material and enclosure type:** Plastic, metal, IP-rated for indoor/outdoor use
- Safety and features:** MCB, MCCB, RCCB, RCD, smart monitoring, and energy management
- Customization:** OEM branding, busbar modifications, and cable entry options

Example Price Ranges by Specification

Specification	Typical Price Range (USD)
Notes	
Residential, single-phase, 4–8 circuits, plastic enclosure	\$30–\$80
Basic MCB protection, indoor use	
Residential, single-phase, 12–16 circuits, metal enclosure	\$80–\$150
Enhanced durability, optional RCCB	
Commercial, three-phase, 24 circuits, 125A, flush/surface mount	\$200–\$400
MCCB incomer, modular DIN rail, multiple incomer options	
Industrial, three-phase, 250A, 24–36 circuits, IP65 rated	\$500–\$1,200
Heavy-duty, weather-resistant, advanced monitoring	
Customized OEM distribution box	

Contact supplier Price depends on volume, busbar configuration, and branding

Manufacturer Catalog References

- BAHRA Load Centers:** Indoor residential and commercial units with optimized size, cable management, and MCB/MCCB protection. Prices vary by number of circuits and amperage.
- ABB Mini Center Compact:** Modular boards with flexible incomer options (Switch Disconnecter, MCCB, MCB, RCCB), suitable for residential and commercial applications. Over 200 combinations available.
- Hager Invicta DR Range:** DIN rail modular components, 6–2...

Article Content

Complete Guide For Distribution Boxes Types

Distribution boxes, also known as junction boxes, electrical boxes, or panelboards, are essential components in electrical distribution systems. They serve as protective enclosures for the

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Explore distribution box cost factors, safety features, and budget solutions. Learn how to select the right panel for your needs and budget.

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Distribution box 1-phase: Commonly used in residential applications, these are designed for lower power loads and typically feature fewer circuit breakers.

Distribution box 3-phase: Designed

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The primary purpose of a distribution box is to provide a safe and organized way to control electrical circuits. When an electrical fault occurs, such as an overload or short circuit, the protective

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Learn how to choose a distribution box and understand its internal structure, including MCBs, busbars, neutral bars, earth bars, RCDs, RCBOs, SPDs, enclosure ratings, and wiring layout.

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Mini Center Compact is a reliable range of distribution boards allowing maximum flexibility, offering wide choice of incomers: Switch Disconnecter, MCCB, MCB, RCCB, RCD or Direct Cable Connection.

A Complete Guide to Distribution Boards

These small fuse boxes are sometimes referred to as single door distribution boards, as the enclosures they are typically housed in are relatively

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A distribution box, also known as a power distribution box or electrical distribution box, is used to distribute electrical power safely to multiple

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This ultimate guide explains what a distribution box does, its internal components, common types, real-world applications, and how to select the right DB Box for your project.

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It includes detailed sections on products such as miniature circuit breakers, residual current devices, and various wiring devices, along with their specifications and pricing.

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Explore Distribution Boxes for Every Setting with Different Types ...

Distribution boxes act as the central hub, receiving the main electrical supply and dividing it into designated circuits for lighting, outlets, and appliances. They provide a safe and organized way

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At the heart of this system lies the humble distribution box - your building's nerve center for electricity. With building materials evolving rapidly and power demands increasing, choosing the

SELECT YOUR DISTRIBUTIONSYSTEM

With its XL3 enclosures, the DX3, DPX3, DPX, DMX3 ranges of circuit breakers and three types of distribution, Legrand offers powerful solutions adapted to every site.

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Distribution Box Specifications & IEC Protection Standards

Evaluate distribution box parameters, bus bar configurations, and overcurrent protection requirements for industrial compliance.

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Distribution Boards

Distribution boards, often referred to as electrical panels or breaker boxes, serve as the nerve center of any electrical system. Here we explore the crucial parts of a distribution board and gain insights into

Distribution Box Guide: Types, Components & Solutions

Understand distribution boxes (DB boxes) in 5 minutes. Learn about types, components, functions, and uses. Find the perfect DB box for your needs.

Contact Us

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