

Distribution Box 15 Circuits



Article Overview

A 15-circuit distribution box, such as the AT-15, safely distributes power to 15 separate circuits and is suitable for both indoor and outdoor applications.

Overview

A distribution box, also known as a DB box or electrical panel, is an enclosure that receives electrical power from a main supply and distributes it to multiple circuits, each protected by circuit breakers or fuses. It ensures safe and organized power management, preventing overloads, short circuits, and electrical hazards while allowing easy maintenance and monitoring of individual circuits .

AT-15 15-Circuit Distribution Box

The AT-15 is a compact, single-row distribution box designed to handle 15 circuits. Key features include:

- **IP65 Protection:** Fully waterproof and dustproof, suitable for indoor and outdoor installations .
- **Material:** Constructed from durable PC/ABS thermoplastic, capable of withstanding high temperatures (960 °C hot wire test) and providing impact resistance .
- **Design:** Bottom-opening layout for easier wiring and inspection, with optional anti-theft lock for security .
- **Applications:** Can be used as a standard distribution box or configured as a PV combiner box with fuses, surge protection devices (SPD), and breakers .

Components and Functionality

A typical 15-circuit distribution box includes:

Article Content

Distribution Box: Types and Functions | Axis-Electricals

A distribution box ensures that electrical supply is distributed in the building, also known as a distribution board, panel board, breaker

Distribution Boxes Types – The Complete Guide

The power distribution boxes deliver electricity from the main electrical main to other circuits. Several distribution boxes

Distribution Box

Organize and protect your electrical circuits with our durable Distribution Boxes. These enclosures serve as the central hub for your

AT-15 Waterproof Distribution Box | 15 Way IP65 Bottom Opening

AT-15 waterproof distribution box with 15 circuits, IP65 protection, and bottom opening design. Durable PC/ABS enclosure for

15-Inch-Tall Breaker Boxes at Lowes

Breaker boxes support everyday electrical systems by helping you organize circuits and manage power distribution efficiently.

Circuit Breaker Distribution Box Electrical, Outdoor ...

Circuit Breaker Distribution Box Electrical, Outdoor Waterproof 5 Hole Distribution Box Cover Transparent Project for 5 Ways Indoor

Electrical Distribution Box Design Guide

The document provides details for designing the electrical distribution box and circuits for a residence. It includes specifications for

Amazon : Power Distribution Box

Browse power distribution boxes with circuit breaker protection and multiple outlet configurations. Shop durable solutions for

Complete Guide For Distribution Boxes Types

Distribution boxes, also known as electrical distribution boards or panels, are pivotal components in electrical systems, ensuring the

Power Distribution Box

How many devices can be associated with the Power Distribution Box? Ferroamp's Power Distribution Box comes in 3 different

Distribution Box, Distribution Board for Power Distribution Systems ...

Distribution Box A distribution board (also known as panelboard, breaker panel, electric panel, DB board or DB box) is a component

Contact Us

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