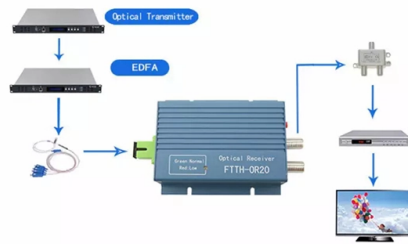


Meaning of Distribution Box Model Number



Overview

In a U.S.-style board, breaker positions are numbered left-to-right, along each row from top to bottom.

Key Takeaways

A distribution box model number identifies the specific type, configuration, and capacity of the box, including its rated current, number of circuits, and intended application. What a Model Number Represents

The model number of a distribution box serves as a unique identifier for the product and conveys key technical and functional information. It typically includes details such as:

- **Rated current and short-circuit capacity:** Indicates the maximum current the box and its protective devices can safely handle, helping ensure compatibility with the electrical load .
- **Number of outgoing circuits (ways):** Shows how many branch circuits the box can accommodate, including spare slots for future expansion .
- **Type of protective devices:** Specifies whether the box is designed for MCBs, RCDs, RCBOs, fuses, or other devices .
- **Application or environment:** Indicates whether the box is intended for residential, commercial, industrial, outdoor, or specialized uses like solar or machinery .

- **Compliance with standards:** Reflects adherence to regional or international standards such as IEC 61439, IEC 60898, UL/NEC, or BS 7671, ensuring safety and regulatory compliance .
- **Internal layout and features:** May include information about busbar type, neutral and earth bar arrangement, DIN rail space, cable entry points, and heat dissipation design .

Practical Use of the Model Number

Manufacturers and electricians use the model number to:

- Select the correct box for a specific installation based on load, protection, and space requirements .
- Identify replacement or spare parts and ensure compatibility with existing systems .
- Access manuals, installation guides, and technical support efficiently, as the model number links to detailed product specifications .
- Verify safety and compliance with local electrical codes and standards . In essence, the model number is more than just a label—it is a concise summary of the box's electrical capacity, configuration, and intended use, allowing safe and efficient selection, installation, and maintenance of electrical distribution systems.

Article Content

Distribution Box Guide: Types, Components & Solutions

What is a Distribution Box? A distribution box, or DB box, is a circuit breaker enclosure. It is a vital part and central

Distribution Box and Selection Guide: Internal Structure, Components ...

Learn how to choose a distribution box and understand its internal structure, including MCBs, busbars, neutral bars,

How to Read and Interpret Your Distribution Box Labels

Understand your distribution box labels to identify circuits, improve safety, and troubleshoot electrical

Distribution Boxes Technical Data

Two provided with box. One set provided with box. Dimensions are shown in mm (in.). (1) Replace x with 1 [1 m (3.28 ft)], 2 [2 m

What Is a Distribution Box? Types, Components & How

A distribution box, also called an electrical distribution box, distributes incoming power to

Distribution board

In a U.S.-style board, breaker positions are numbered left-to-right, along each row from top to bottom. This numbering system is

Circuit Numbering and Labeling for Electrical Equipment

Distribution bucket positions are assigned numbers from top to bottom based upon the smallest available bucket size. This method

Distribution Boxes

Check level prior to backfilling. Use "speed levelers" if necessary. Replace snap-on cover. Option: cover with board before backfilling.

TM 11-6110-201-50

Operator, Organizational, DS, GS, and Depot Maintenance Repair Parts and Special Tool Lists: Distribution Boxes J-1077/U and J

Distribution Box vs Distribution Board: Key Differences

Compare distribution box and distribution board terminology, components, way counts and project selection details

The Ultimate Guide to Distribution Box Types

Discover the key types of distribution boxes with NUOMAK's comprehensive guide. Learn about Main

What is an Electrical Distribution Box? A

At its core, an electrical distribution box (or distribution board) is a metal or plastic enclosure

Frequently Asked Model Number Questions | PartSelect

A series number is when a manufacturer makes changes to a model, meaning different parts might be

Distribution Boards

Distribution boards, often referred to as electrical panels or breaker boxes, serve as the nerve center of any electrical system. Here

ChatGPT: Chat, Work, Create & Code with AI

Use ChatGPT to answer questions, write, create images, complete work, and code—all in one place. Get started for free or

Understanding Distribution Boxes: Your Guide to Power

What are Distribution Boxes and Their Importance? What are Distribution Boxes and Their

What Is an Electrical Distribution Box? A Complete Guide

An electrical distribution box is a centralized unit responsible for distributing electrical power across multiple circuits within various

Latest Videos | CNN

The brother of Trump aide Natalie Harp speaks to OutFront after Democrat Jon Ossoff publicly questioned her fierce loyalty to

Different Types of Distribution Boards & Their Uses Explained

Explore different types of electrical distribution boards and their uses. Learn how they manage power safely in homes and

Distribution Box vs Distribution Board: Key Differences

Compare distribution box and distribution board terminology, components, way counts and project selection details

How to Read a Breaker Box: A Beginner's Guide to Electrical Safety

Frequently Asked Questions What does the number on a breaker box mean? The number on a breaker box

A Complete Guide to Distribution Boards

Read this comprehensive buyer's guide on distribution boards, explaining what they are, their uses, types, how to

Distribution Box: Types and Functions | Axis-Electricals

The distribution box serves as the load centre and distributor of electrical power. A distribution box ensures that electrical supply is

Distribution Boxes Types - The Complete Guide

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

How to Read a Breaker Box: A Beginner's Guide to Electrical Safety

Frequently Asked Questions What does the number on a breaker box mean? The number on a breaker box

A Complete Guide to Distribution Boards

Read this comprehensive buyer's guide on distribution boards, explaining what they are, their uses, types, how to

Distribution Box: Types and Functions | Axis-Electricals

The distribution box serves as the load centre and distributor of electrical power. A distribution box ensures that electrical supply is

Distribution Boxes Types - The Complete Guide

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

What is a Distribution Box? - A Comprehensive Guide

This challenge led to the invention of the distribution box, a game-changer in electrical systems. So, what is a

DB BOX(Electrical Distribution Box): Everything You Need to Know

Learn everything you need to know about the Electrical Distribution Box (DB Box). Explore types, materials, installation

How to Identify Your System Make, Model, Size, Age

There are many different system types, we'll focus on the systems that make up 90% of what is commonly

Basic Composition Of Distribution Box System Diagram

The Distribution box system diagram mainly includes the following parts: Electrical parameter

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

Distribution Board vs Box: Which Do You Need?

A distribution board controls and protects multiple circuits, while a distribution box usually houses local wiring or

What is the Internal Structure of The Distribution Box

Learn about the internal structure of a distribution box, its components, functions, and key types. Understand its role

Ultimate Guide To Distribution Boxes Db Boxes Types Components ...

Introduction For procurement professionals, electrical contractors, and project managers, choosing the right Distribution Box (DB

Electrical Distribution Box: Complete Panel Types Guide 2025

Learn what an electrical distribution box is in simple terms. Complete guide to panel types, NEC 408 requirements,

Electrical Distribution Boxes -ZHENGKAI

A distribution boxes acts as the load center and main distributor of electrical power within a building. Also called a

The Ultimate Guide to Distribution Box Types

Discover the key types of distribution boxes with NUOMAK's comprehensive guide. Learn about Main

What is an Electrical Distribution Box? A

At its core, an electrical distribution box (or distribution board) is a metal or plastic enclosure

Frequently Asked Model Number Questions | PartSelect

A series number is when a manufacturer makes changes to a model, meaning different parts might be

Distribution Boards

Distribution boards, often referred to as electrical panels or breaker boxes, serve as the nerve center of any electrical system. Here

ChatGPT: Chat, Work, Create & Code with AI

Use ChatGPT to answer questions, write, create images, complete work, and code—all in one place. Get started for free or

Understanding Distribution Boxes: Your Guide to Power

What are Distribution Boxes and Their Importance? What are Distribution Boxes and Their

What Is an Electrical Distribution Box? A Complete Guide

An electrical distribution box is a centralized unit responsible for distributing electrical power across multiple circuits within various

[Latest Videos | CNN](#)

The brother of Trump aide Natalie Harp speaks to OutFront after Democrat Jon Ossoff publicly questioned her fierce loyalty to

[Different Types of Distribution Boards & Their Uses Explained](#)

Explore different types of electrical distribution boards and their uses. Learn how they manage power safely in homes and

[Distribution Box vs Distribution Board: Key Differences](#)

Compare distribution box and distribution board terminology, components, way counts and project selection details

[How to Read a Breaker Box: A Beginner's Guide to Electrical Safety](#)

Frequently Asked Questions What does the number on a breaker box mean? The number on a breaker box

[A Complete Guide to Distribution Boards](#)

Read this comprehensive buyer's guide on distribution boards, explaining what they are, their uses, types, how to

[Distribution Box: Types and Functions | Axis-Electricals](#)

The distribution box serves as the load centre and distributor of electrical power. A distribution box ensures that electrical supply is

[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 Guide: Types, Components & Solutions](#)

What is a Distribution Box? A distribution box, or DB box, is a circuit breaker enclosure. It is a vital part and central

[Distribution Box and Selection Guide: Internal Structure, Components ...](#)

Learn how to choose a distribution box and understand its internal structure, including MCBs, busbars, neutral bars,

[How to Read and Interpret Your Distribution Box Labels](#)

Understand your distribution box labels to identify circuits, improve safety, and troubleshoot electrical

Distribution Boxes Technical Data

Two provided with box. One set provided with box. Dimensions are shown in mm (in.). (1) Replace x with 1 [1 m (3.28 ft)], 2 [2 m

What Is a Distribution Box? Types, Components & How

A distribution box, also called an electrical distribution box, distributes incoming power to

Distribution board

In a U.S.-style board, breaker positions are numbered left-to-right, along each row from top to bottom. This numbering system is

Circuit Numbering and Labeling for Electrical Equipment

Distribution bucket positions are assigned numbers from top to bottom based upon the smallest available bucket size. This method

Distribution Boxes

Check level prior to backfilling. Use "speed levelers" if necessary. Replace snap-on cover. Option: cover with board before backfilling.

TM 11-6110-201-50

Operator, Organizational, DS, GS, and Depot Maintenance Repair Parts and Special Tool Lists: Distribution Boxes J-1077/U and J

Distribution Box vs Distribution Board: Key Differences

Compare distribution box and distribution board terminology, components, way counts and project selection details

Distribution Box Guide: Types, Components & Solutions

What is a Distribution Box? A distribution box, or DB box, is a circuit breaker enclosure. It is a vital part and central

Distribution Box and Selection Guide: Internal Structure, Components ...

Learn how to choose a distribution box and understand its internal structure, including MCBs, busbars, neutral bars,

How to Read and Interpret Your Distribution Box Labels

Understand your distribution box labels to identify circuits, improve safety, and troubleshoot electrical

Distribution Boxes Technical Data

Two provided with box. One set provided with box. Dimensions are shown in mm (in.). (1) Replace x with 1 [1 m (3.28 ft)], 2 [2 m

What Is a Distribution Box? Types, Components & How

A distribution box, also called an electrical distribution box, distributes incoming power to

Distribution board

In a U.S.-style board, breaker positions are numbered left-to-right, along each row from top to bottom. This numbering system is

Circuit Numbering and Labeling for Electrical Equipment

Distribution bucket positions are assigned numbers from top to bottom based upon the smallest available bucket size. This method

Distribution Boxes

Check level prior to backfilling. Use "speed levelers" if necessary. Replace snap-on cover. Option: cover with board before backfilling.

TM 11-6110-201-50

Operator, Organizational, DS, GS, and Depot Maintenance Repair Parts and Special Tool Lists: Distribution Boxes J-1077/U and J

Distribution Box vs Distribution Board: Key Differences

Compare distribution box and distribution board terminology, components, way counts and project selection details

Contact Us

Continue your research online:

Website: <https://alfa-pro.co.za>

Technical inquiry: <https://alfa-pro.co.za/contact.html>

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

