

Article Overview

Distribution boxes, also known as DB boxes or breaker boxes, come in various types including Main Distribution Boards, Sub Distribution Boards, Meter Panels, and specialized control or lighting boxes.

Common Types of Distribution Boxes

- o Main Distribution Board (MDB) - Acts as the central hub for distributing electricity to various sections in residential, commercial, or industrial units, often including bus bars, MCCBs, and support equipment .
- o Sub Distribution Board (SDB) - Receives power from the MDB and distributes it to specific areas like garages, parking lots, or individual floors .
- o Meter Panel - Houses electrical meters to monitor power consumption in homes or factories, often including primary switches, fuses, and RCDs .
- o Panel Fuse Bank - Contains multiple fuses for circuit protection, commonly used in industrial or commercial setups .
- o Unitized Panel - Combines multiple distribution functions in a single enclosure for compact installations .
- o Transfer Switch Box - Allows switching between main power and backup generators safely .
- o Consumer Unit - Typically used in residential settings to manage and protect circuits for individual apartments or houses .
- o Enclosed Switchgear - Provides high-capacity power distribution with protective devices for industrial applications .
- o Lighting Distribution Box - Dedicated to managing lighting circuits with appropriate protection .
- o Power Distribution Box - Supports sockets, equipment, and heavy machinery, often in commercial or industrial environments .
- o Control Distribution Box - Integrates control components such as relays, contactors, and timers for automation or process control .
- o Pole Mounted Distribution Box - Designed for outdoor use, including street lighting and utility applications .

Additional Classifications

- o By Mounting: Wall-mounted, floor-standing, or flush-mounted depending on space and accessibility requirements .
- o By Material: Metal (for industrial strength) or plastic (lightweight and corrosion-resistant) enclosures .
- o By Phase: Single-phase (residential or small commercial) or three-phase (industrial or large commercial) systems .
- o Indoor vs Outdoor: Indoor boxes are for protected environments, while outdoor boxes are weatherproof with higher IP ratings . These types ensure safe, organized, and efficient distribution of electrical power across different applications, from homes to large industrial facilities .

Names of Distribution Boxes

Discover 10 types of distribution boards, from Main Distribution Boards to Fuse Boxes. Learn

Understand distribution boxes (DB boxes) in 5 minutes. Learn about types, components, functions, and uses. Find

A commonly used distribution box contains doorbells, earth leakage devices, timers, or contact breakers. However, the

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Discover everything you need to know about electrical distribution box! Learn about types,

Explore the differences among electrical enclosures, distribution boxes, and distribution boards. Understand their

The correct choice and installation of distribution boxes are crucial for electrical safety, efficiency, and reliability. This guide provides

Discover the essentials of a Power Distribution Box--how it works, key types, benefits, and

This ultimate guide explains what a distribution box does, its internal components, common types, real

Learn everything about the db box: types, components, safety, selection, installation, and

A distribution box, also called a distribution board, DB box, breaker box, consumer unit, load centre, or panelboard

A distribution box is a device that, as the name suggests, is designed to distribute electrical power. It takes the

Learn about the internal structure of a distribution box, its components, functions, and key

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

A distribution box, also known as a distribution board, is a central hub in an electrical

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

Web: <https://bssoda.pl>

Names of Distribution Boxes

