

Sockets and Distribution Boxes



Article Overview

Distribution boxes safely distribute electrical power to multiple sockets, protecting devices and users while enabling flexible power management in residential, commercial, and industrial settings.

What is a Distribution Box?

A distribution box (DB Box) is a central unit that distributes electrical power from a main supply to multiple downstream circuits. It houses protective devices such as circuit breakers or fuses, ensuring both equipment protection and user safety. Distribution boxes are essential in modern electrical systems, from homes to industrial plants, and can be designed for single-phase or three-phase power depending on the load requirements ().

Types of Distribution Boxes

- Surface Mounted DB Boxes: Installed directly on walls, ideal for retrofits and industrial environments ().
- Flush Mounted DB Boxes: Embedded into walls for a clean appearance, commonly used in residential and commercial buildings ().
- Pole Mounted DB Boxes: Designed for outdoor applications like street lighting ().
- Lighting Distribution Boxes: Dedicated to lighting circuits with protective devices ().
- Power Distribution Boxes: Support sockets, equipment, and heavy machinery ().
- Control Distribution Boxes: Integrate control components such as relays, contactors, and timers ()....

Article Content

AC power plugs and sockets

AC power plugs and sockets connect devices to mains electricity to supply them with electrical power. A plug is the connector

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

Portable Socket Distribution Box IP67 Industrial Socket Box Plastic ...

Portable Socket Distribution Box IP67 Industrial Socket Box Plastic Waterproof Junction Box Product overview Compliant with

Socket distributor: Spelsberg

Socket distribution boards The socket distribution boards and housings are available in exactly the model you need: empty, pre-wired

Junction box

A similar, usually wall mounted, container used mainly to accommodate switches, sockets and the associated connecting wiring is

Distribution board

A distribution board (also known as panelboard, circuit breaker panel, breaker panel, circuit breaker, electric panel, fuse box or DB

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Legrand's range of industrial enclosures has been designed to the highest specification, providing the user with much more than just

Distribution Zone

PowerBox Rubber Power Distribution Boxes & Splitters IEC 61439-1 & 2 CE & UKCA PowerBOX Rubber Power Distribution boxes

Summary of key points for construction and installation of distribution ...

The construction and installation points of distribution boxes and switch boxes are summarized as follows: 1. Select qualified

Pre-wired: Spelsberg

Pre-wired socket distribution boards Alternatively to the empty housings there are the Spelsberg socket distribution boards with

Industrial Socket Box, Industrial Socket Distribution Box

Industrial socket box: designed for industrial electrical systems, durable and capable of providing centralized and stable power, built

2026 Combination socket distribution box

China Combination socket distribution box, Industrial Socket Combination Power Box, IP67 IP44 European Power Panel Distribution

Electrical Distribution Box

Electrical Distribution Box We are a leading Wholesaler of power distribution plugs and sockets box from New Delhi, India.

Contact Us

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