

Multi-purpose socket in distribution box



Article Overview

A multi-functional socket in a distribution box integrates multiple socket outlets and circuit protection components in a single enclosure, providing flexible, safe, and organized electrical distribution.

Overview

A multi-functional socket distribution box is an enclosure designed to house various electrical components, including socket outlets, circuit breakers (MCBs), residual current devices (RCCBs/ELCBs), and terminal blocks, all in one unit . These boxes are widely used in industrial, commercial, and residential settings to centralize power distribution, simplify wiring, and enhance safety .

Key Features

- **Modular Design:** Many multi-functional socket boxes allow customization of socket types and combinations, including 13A, 16A, 32A, and higher voltage sockets, depending on the application .
- **Integrated Protection:** They often include MCBs, RCBOs, or ELCBs to protect circuits from overloads, short circuits, and earth faults .
- **Durable Enclosures:** Made from halogen-free plastics or metal, these boxes are designed for long-term durability and safety .
- **Optional Accessories:** Some models include fiber splice trays, ONU boxes, or multimedia modules for broadband, telephone, and audio/video connections .
- **Safety and Ergonomics:** Features like waterproof covers, self-locking ON buttons, and color-coded controls improve usability and safety

Article Content

Electraline

Electraline multisockets: a wide range of simple, safe and design products, designed to satisfy any use

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,

Socket box

The new socket box turns our LED system light into an all-in-one system. It enables you to install additional sockets in different

PVC Electrical Boxes: Engineering Specs & Sourcing Guide

Discover the 4 main types of electrical boxes, their applications, and how to select the right material (PVC vs. Metal),

Industrial Socket Box Solution – Safe & Reliable Power

Our industrial socket box provides a safe, efficient, and durable power distribution solution for various

Quality Power Sockets | Power Combination and Distribution Panel

Discover top-quality power sockets at Power-Pack. Explore a variety of power combination and distribution panels for reliable

Plug Socket Buying Guide | Types of Socket | Screwfix

If you're buying a replacement plug socket or updating all the sockets in a property, it's important to know your options to get the right

Socket outlets | Low Voltage Products | ABB

Socket outlets Optimum power supply Living without current today is impossible. However, it can also quickly become life

Multiple sockets

The perfect multiple socket for every use - you will find it at SCHWAIGER. Our selection includes flexible power strips, with rotating

Distribution Box Guide: Types, Components & Solutions

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

Industrial Combination Box & Power Distribution Unit

KRIPAL manufactures industrial combination boxes that integrate multiple IEC 60309 socket outlets of different current ratings into a

Electraline

ElectraDock - Power Unleashed, Space Saved. A compact, efficient and stylish multi-socket with Power

Socket Combination Box & Fuse Box

Equipped or empty socket combinations and fuse box solutions for factories, construction sites, and workshops. Built for safety and

Industrial Plug Socket Distribution Boards

Discover IP67 rated plug socket distribution boards with multi plug socket functionality. CE certified, waterproof & portable for

The Ultimate Guide to Distribution Box Types

Discover the key types of distribution boxes with NUOMAK's comprehensive guide. Learn about Main Distribution Boards (MDB),

Multi Socket PDU (MDU) | 1U Power Distribution Unit

Multi Socket PDU offers an efficient and reliable means to distribute AC power from a 16A single source to

Multi-Outlet Sockets & Adapters CEE/Schuko 16A IP44/IP67

These multi-outlet sockets are essential in construction sites, industrial workshops, event power distribution, and temporary power

Multiple things to know about Multisocket Outlets

When we talk about outlets for residential and similar use, we normally refer to those outlets that are permanently and

Electric Box Plug and Socket Distribution Box Industrial

Yueqing Beigang Industrial Socket Distribution Box is an electrical distribution device that adopts a plug-in

Multiple Outlet Sockets

Multiple Outlet Sockets. Customer focused design for all applications and environments. Known for ease of installation and service.

Wall mounted combination units

Our wall distributors include the proven AMAXX® and EverGUM combination units as well as metal distribution boxes and socket

Electrical outlets and service interfaces | Phoenix Contact

The sockets and interfaces can be used in harsh industrial environments. They are suitable for control

AMPMECH AMIX Series Multi-Socket Distribution Box

Ampmech produces high quality laser cut multi-socket distribution boxes with Rittal/IDE enclosures. Each

Junction Boxes | Electrical Terminal Boxes | RS

Junction Boxes Junction boxes are used for protecting, securing, and organising electrical connections in domestic and commercial

Distribution board

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

What Is a Distribution Box?

What to Look for When Choosing a Distribution Box If you're going to buy a distribution box, there are several things

Power Plug Sockets Outlet | Multi-Plug Sockets

Plug sockets are electrical outlets that provide a safe and convenient method of fixed power distribution and are essential to any

Socket Box Multipurpose Group Combine Outdoors

Certification:CE& IP66 Product advantages: 1. IP67 waterproof and dustproof 2. Corrosion resistance,

Multi Option Plug & Socket DB | Modular Distribution Boards

The Multi Option Plug and Socket Distribution Box is a versatile and reliable electrical solution designed to meet the varied power

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

2026 Combination socket distribution box

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

IP& S Modular Combination Boxes | Amphenol Tuchel

The Modular Combi series offers cost-effective CEE socket combinations, easy to install and customizable,

Multi Socket In Electrical Outlets & Receptacles

Discover top multi-socket outlets like the 3-in-1* Dual USB and 180 degrees Rotate Charger Socket. Power up your devices. Shop

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