

Suspended electrical distribution box



Overview

Electrical Distribution Boxes for Power Distribution | WielandFrom decentralized energy, signal and data distribution to distribution boxes for smart build.

Key Takeaways

A suspended electrical distribution box is a ceiling-mounted unit designed to provide overhead power and data distribution, ideal for workshops, factories, and other industrial or commercial environments.

Overview

A suspended electrical distribution box is mounted from the ceiling to save floor space and provide convenient access to power and data outlets. These units are commonly used in workshops, factories, garages, and even commercial kitchens, where flexible and safe overhead power distribution is required. They can accommodate multiple socket types, including standard 13A UK sockets, CEE, SCHUKO®, USB outlets, and higher-capacity IEC 60309 sockets for industrial equipment.

Design and Features

Mounting Options: Suspended boxes can be installed using a fixed chain or a retractable system, allowing the unit to be lowered to the working position and retracted when not in use. **Socket Configurations:** Units typically support 1 or 2 gang sockets per face, with up to 8 sockets per unit. Custom configurations are available to meet specific power requirements.



Space-

Saving: By hanging from the ceiling, these boxes free up floor space and reduce clutter, improving safety and workflow in busy environments. **Durability:** Many suspended units are built with metalclad or molded housings, suitable for harsh industrial conditions, and can include ventilation for heat dissipation if high-power devices are installed.

Applications

Suspended distribution boxes are ideal for: **Industrial workshops:** Powering machinery and tools overhead. **Factories:** Providing flexible power distribution along assembly lines. **Garages and service areas:** Easy access to sockets without obstructing floor space.

Commercial kitchens: Supplying power to appliances while maintaining a clean workspace.

Advantages

Flexibility: Retractable systems allow adjustment of height for different tasks. **Safety:** Reduces trip hazards by keeping cables off the floor. **Customizable:** Can include a mix of power, data, and USB outlets to suit specific operational needs.

Efficient Installation: Units can be pre-configured with required sockets and cables, saving on-site installation time. Suspended electrical distribution boxes are a practical solution for environments where overhead, flexible, and safe power distribution is essential, combining convenience, space efficiency, and adaptability to various industrial and commercial applications.

Article Content

Electrical Distribution Boxes for Power Distribution | Wieland

From decentralized energy, signal and data distribution to distribution boxes for smart buildings, we offer the right solution. We mount any electronics in the manifolds! All options are open here, and the

Suspended Power Distribution Units

The Olson suspended units are a range of service products allowing overhead power distribution and compressed air. Ideal for use in workshops, factories, or

13A Suspended Power Distribution Units

Additional Sales Information: This product is available in different variations including different 1 and 2 gang sockets, USBs and Data outlets as well as our retractor

Hangmann Power Module|Honeywell Building Automation

Available in different configurations to meet different installation requirements. Hangmann Power Modules are a range of products that provide portable access

Compact PD and multi-PD distribution boxes

Stackable box with fixing lugs for screw and nail attachment. Coupling mounting plate with fixing ears, suitable for both screw and ejection mounting. Equipped with VD wire 2.5 mm².

Temporary Power Distribution Boxes for Electrical Installation

Temporary power distribution boxes for flexible electrical installation. Robust solutions for construction sites, events and temporary energy infrastructure.

ABB I Sub distribution boards

Depending on your specific application, our range of sub distribution boards includes solutions with mounting plates and DIN-rails with generous wiring space on both sides and behind the DIN rails.

Distribution boxes – For modular and decentralised

Downloads We provide you with information on our distribution boxes for download. Download our product catalogue for sensor-actuator cabling and circular

Hangmann Power Module|Honeywell Building Automation

Hangmann Power Modules are a range of products that provide portable access to power. Available in different configurations to meet different installation

Electrical Distribution Boxes for Power Distribution

The Wieland distribution boxes, in compliance to IEC 61439, together with our installation connector systems, in compliance to IEC 61535, as well as its system

Distribution box

The distribution box may only be put into operation once it has passed the test. Extension of existing systems - what you should pay particular attention to Expanding an existing distribution box is a

How To Install Electrical Box In Suspended Ceiling

Installing electrical boxes in a suspended ceiling is a great way to add character and functionality to any room. Whether you are completing a home renovation, or just looking for a quick

Distribution Box Guide: Types, Components & Solutions

Understand distribution boxes (DB boxes) in 5 minutes. Learn about types, components, functions, and uses. Find the perfect DB box for your needs.

Distribution Boxes Types – The Complete Guide

The power distribution boxes deliver electricity from the main electrical main to other circuits. Several distribution boxes are designed for specific use in offices or industries. Types of

WALTHER-WERKE: Suspension-type socket

Suspension-type socket combinations Correct and safe solutions for individual installation requirements CEE-type socket combinations are managed and

Temporary Power Distribution and Industrial Lighting

Get reliable temporary power distribution and construction lighting solutions for your worksite needs with our portable power boxes, panels, and LED work lights.

Distribution board

A distribution board (also known as panelboard, circuit breaker panel, breaker panel, circuit breaker, electric panel, fuse box or DB box) is a component of an electricity supply system that divides an

A Guide to Temporary Power Distribution Boxes | ATI Electrical

Temporary power distribution boxes are a popular method of providing electrical power to remote areas. Learn about the benefits of using these devices.

Contact Us

Continue your research online:

Website: <https://ensaa.es>

Technical inquiry: <https://ensaa.es/contact.html>

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

