

Suspended electrical distribution box



Overview

ZLP630/ZLP800 Suspended Platform Electric Control Box This control box features overload protection, emergency stop, Suspended Electrical Box | MSC Industri.

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

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