

Distribution box with feet



Overview

It also comes compete with the only seal on the market of distribution boxes that accepts 2", 3", 4" and corrugated pipe.

Key Takeaways

A distribution box with feet is a freestanding electrical enclosure designed for safe power distribution, often waterproof and suitable for indoor or outdoor use.

A distribution box, also known as a panel board or electrical distribution box, is a central hub for distributing electrical power from a main supply to multiple circuits in residential, commercial, or industrial settings. When equipped with feet, the box can be placed directly on the floor, providing stability and easier installation in areas where wall mounting is impractical . These boxes often include protective devices such as circuit breakers and fuses to prevent overloads, short circuits, and fire hazards .

Key Features

- **Mounting and Placement:** Feet allow the box to be freestanding, ideal for industrial floors, outdoor installations, or temporary setups where wall mounting is not feasible .
- **Waterproofing:** Many models offer IP65–IP68 protection, making them resistant to dust, rain, and UV exposure, suitable for harsh outdoor environments .
- **Material Options:** Commonly made from ABS or polycarbonate plastics, providing lightweight strength and durability for field installations .
- **Internal Configuration:** Equipped with DIN rails, these boxes can house standard circuit breakers, RCDs, switches, transformers, and other electrical components .

- **Sizes and Customization:** Available in various sizes, from compact units for small circuits to larger enclosures for industrial applications. Custom designs and bulk orders are often available .

Applications

- **Industrial Plants:** Freestanding boxes with feet are ideal for machinery areas where wall space is limited.
- **Outdoor Installations:** Waterproof models protect electrical connections for lighting, pumps, and solar systems.
- **Commercial Buildings:** Used as secondary panels or backup power distribution points.
- **Temporary or Modular Setups:** Construction sites or events benefit from portable, floor-mounted distribution boxes.

Additional Considerations

When selecting a distribution box with feet, consider:

- **IP Rating:** Ensure the enclosure meets the required protection level for indoor or outdoor use.
- **Load Capacity:** Match the box size and internal components to the expected electrical load.
- **Accessibility:** Freestanding boxes with feet allow easier access for maintenance and troubleshooting compared to wall-mounted units.
- **Compliance:** Verify conformity with local electrical codes and standards for safety and performance . Distribution boxes with feet provide a versatile, safe, and durable solution for electrical distribution where wall mounting is not practical, combining stability, protection, and flexibility for a wide range of applications .

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What Is a Distribution Box?

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

