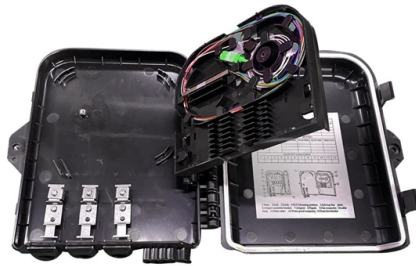


What is the ideal size for a four-way power distribution box



AI Overview

A four-way distribution box typically accommodates up to four circuit breakers, supports surface or flush mounting, and is designed for indoor or outdoor use with IP44-IP65 protection.

General Specifications

- **Electrical Capacity:** Most four-way boxes are rated for 32 amps and can house up to 4 circuit breakers for splitting power safely across multiple circuits .
- **Voltage:** Common models, such as the Faithfull TLDB4L, operate at 110V with four output sockets, suitable for powering multiple tools or lighting setups .
- **Material:** Boxes are constructed from metal or high-quality plastic, providing durability for indoor or outdoor environments .
- **Protection Rating:** Outdoor models often have IP44 or higher, making them resistant to dust and water ingress, while indoor boxes may have lower IP ratings but are ventilated to prevent overheating .

Physical Dimensions and Mounting

- **Mounting Types:**
 - **Surface Mounting:** Hung on the wall surface for easy access.
 - **Flush Mounting:** Installed inside walls for a cleaner, integrated look .
- **Adjustability:** Some boxes allow horizontal rotation adjustment of $\pm 10^\circ$ to ensure...

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For more information, pricing, or custom solutions, please contact us:

Website: <https://ntmmgroup.co.za>

Email: sales@ntmmgroup.co.za

Phone: +27 82 471 2596

Address: Unit 7, Optic Park, 24 High-Tech Lane, Century City, Cape Town, 7441, South Africa

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