

Distribution box connection reserved in the distribution box



Article Overview

Reserved connections in a distribution box are unused or pre-allocated terminals intended for future expansion or additional circuits.

Purpose of Reserved Connections

In a distribution box (DB), reserved connections are slots or terminals that are not currently connected to any load but are left available for future use. These reserved points allow electricians to add new circuits, MCBs, or devices without modifying the existing wiring extensively, ensuring flexibility and scalability in the electrical system .

How Reserved Connections Are Managed

- **Physical Slots:** Many DBs have extra slots for MCBs or RCCBs that are not yet installed. These slots are often labeled as "spare" or "reserved" to indicate they are available for future circuits .
- **Neutral and Earth Links:** Reserved connections may also include extra terminals on the neutral and earth links. These allow new loads to be safely connected to the existing neutral and earth distribution without rewiring the entire panel .
- **Safety Considerations:** Even if a connection is reserved, it should remain properly insulated and covered to prevent accidental contact or short circuits. Reserved terminals should not be left exposed to live wires

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Contact Us

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

Website: <https://www.greatpremiersolutions.co.za>

Email: sales@greatpremiersolutions.co.za

Phone: +27 82 914 3675

Address: Unit 5, Silicon Heights, 22 Electron Avenue, Cape Town, 8001, South Africa

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