

Southern European Circuit Distribution Box Model



AI Overview

A typical Southern European circuit distribution box is a 26-module, 100A, 230–250V, 50Hz enclosure with DIN rail compatibility and IP30 protection.

Key Specifications

- Module Capacity:** 26 modules, typically arranged on two 35mm DIN rails, allowing installation of multiple circuit breakers such as RCCB, RCBO, or overload breakers.
- Voltage and Current Rating:** Designed for 230–250V AC systems, 50Hz frequency, with a 100A main isolator switch.
- Construction:** Steel body with an ivory finish, suitable for both flush and surface mounting.
- Protection Rating:** IP30, providing protection against solid objects larger than 2.5mm but not against water.
- Busbars:** Includes phase, neutral, and grounding busbars for safe and organized wiring.
- Standards Compliance:** Conforms to IEC/EN 60493-3 and CE marking, ensuring compatibility with European electrical regulations.
- Knockouts:** Entry knockouts on all sides and back for flexible cable routing.

Applications These distribution boxes are suitable for residential, commercial, and light industrial installations in Southern Europe. They support decentralized electrical installation, enabling flexible placement close to loads and integration with smart building systems. They are ideal for energy distribution, signal and data distribution, and building automation projects.

CAD and 3D Models For design and planning purposes, CAD models of distribution boxes are available in formats such as SOLIDWORKS, Inventor, CATIA, AutoCAD, STEP, STL, and IGES. These models allow engineers to integrate the distribution box into building layouts and electrical schematics efficiently.

Summary A Southern European circuit distribution box typically features 26 modules, 100A rating, 230–250V, 50Hz, DIN rail compatibility, IP30 protection, and compliance with IEC/EN standards. It is suitable for both flush and surface mounting and can accommodate a variety of circuit breakers...

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Electric Distribution Box

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

EUROPEAN, INTERNATIONAL CIRCUIT BREAKER

EUROPEAN, INTERNATIONAL CIRCUIT BREAKER PANEL ENCLOSURE, 26 MODULE, 100 AMPERE, 230-250 VOLT, 50HZ RATED, FLUSH MOUNT.

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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

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