

Household Electrical Distribution Box Specifications and Models Table



Article Overview

This table summarizes popular household electrical distribution boxes, their capacities, number of circuits, mounting options, and key safety features.

Manufacturer / Model	Type	Amperage Rating	Number of Circuits	Mounting	Key Features	Notes
VIOX Electric DB Series	Single-phase	100-200A	4-24	Flush / Surface	Circuit breakers, fuses, bus bars, overload protection	Compact design for residential use, easy maintenance
BAHRA Load Center LC Series	Single-phase	100-250A	6-24	Flush / Surface	MCCB/MCB compatibility, weatherproof options, busbar chamber, cable management	Optimized size, modern design, indoor use, IEC standard breakers
Hager Invicta DR Range	Single-phase	125-250A	6-24 TP ways	Flush / Surface	DIN rail modular components, multiple incomer options, earth terminal up to 125A	Easy installation, modular, suitable for residential and light commercial
ABB Mini Center Compact	Single-phase	100-200A	4-24	Flush / Surface	Switch disconnect, MCCB, MCB, RCCB, RCD, direct cable connection, shrouded busbars	Flexible configuration, generous wiring space, modular DIN rail components

Key Considerations for Selection

Amperage Rating: Residential homes typically require 100-200A panels, while larger homes may need 250A. Always consider future expansion . **Number of Circuits:** Choose a distribution box with enough circuits to accommodate lighting, appliances, HVAC, and future additions. Standard residential panels range from 4 to 24 circuits . **Mounting Options:** Most household panels support flush or surface mounting, depending on wall space and aesthetics . **Safety Features:** Look for circuit breakers,...

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