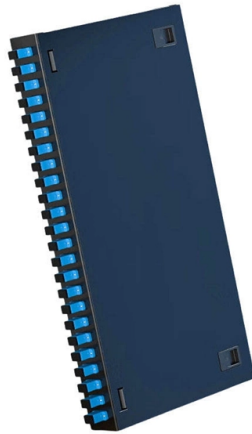


Renovation of old-style distribution boxes

Find the right solution



Article Overview

Upgrading old distribution boxes to modern RCBO or retrofit solutions ensures safety, compliance, and capacity for modern electrical demands.

Assessing the Existing Distribution Box

Before any renovation, perform a thorough inspection: turn off the power, check the condition of fuses, wiring, and grounding, and test insulation integrity using multimeters or probes. Identify overloaded circuits and missing safety features such as earth leakage protection, which are common in older fuse boxes or wooden-cased meter cupboards .

Replacement vs. Upgrade

- **Full Replacement:** Installing a modern RCBO distribution board provides individual overcurrent and earth leakage protection for each circuit, significantly improving safety and fault isolation. This is especially recommended if the old board lacks RCD protection or cannot handle modern loads like EV chargers, induction hobs, or heat pumps .
- **Retrofit/Direct Replacement:** For switchgear or motor control centers, direct replacement units or retrofitted OEM components can extend the life of existing structures while upgrading internal components. This minimizes downtime and avoids extensive rewiring

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Choosing Electrical Boxes

There is a huge selection of electrical boxes, varying by size, shape, mounting device, and composition.

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Distribution Board Upgrades

Distribution Board Upgrades Delivering the Complete Domestic Electrical Service Solution If you have an old distribution board, it's

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Electrical Panel Repairs & Upgrades

A distribution board or distribution panel is the key component of all electrical supply installations. The

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Distribution box

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How to Replace an Old Fuse Box with a Modern RCBO Distribution

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