

Norwegian Standard Distribution Box Configuration Table



Summary of Content

Norwegian distribution boxes are designed according to NEK 400 standards, with modular configurations for main and sub-distribution boards, ensuring safety, flexibility, and compliance with low-voltage regulations.

Overview of Standards

Distribution boxes in Norway must comply with NEK 400, which governs the design, construction, and safety of low-voltage electrical installations . NEK 400 is based on IEC 60364 and CENELEC HD 60364 standards, providing guidelines for installation, verification, and inspection. Compliance ensures that distribution boxes meet national safety requirements and are suitable for both residential and commercial applications .

Main and Sub-Distribution Boards

- **Main Distribution Board (MDB):** Handles incoming power from the utility and distributes it to all circuits in a building. MDBs in Norway are designed according to NEK 400 and EN 61439, with capacities up to 7100 A for industrial or critical infrastructure projects .
- **Sub-Distribution Board (SDB):** Receives power from the MDB and distributes it locally to specific areas or equipment. SDBs are modular and can be configured with multiple circuit breakers, residual current devices (RCDs), and busbars .

Typical Configuration Table Elements

A Norwegian standard distribution box configuration table generally includes:

Article Content

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This document provides specifications for various distribution boxes including dimensions, mounting sizes, and number of ways. It

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Product catalog

For an overview of Norwegian Standards and standards from The Norwegian Electrotechnical Committee (NEK), you can use our

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