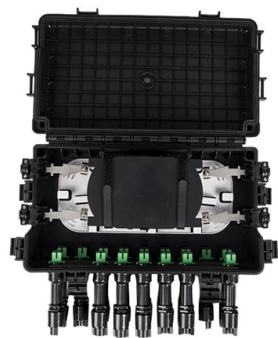


Estonian Power Distribution Box Configuration Table



Article Overview

Estonian power distribution boxes are typically modular low-voltage systems designed according to IEC 61439, with configurations tailored for industrial, commercial, and residential applications.

Overview

Power distribution boxes in Estonia are built to distribute and protect electrical energy at various levels, from main distribution to sub-distribution and final circuits. They are modular, allowing flexible assembly of components such as circuit breakers, residual current devices (RCDs), busbars, and automation modules. Common manufacturers include ABB, Rittal, Hensel, and Logstrup, all offering systems compliant with IEC 61439 and often certified with UL, CSA, TÜV, or DNV GL for safety and reliability .

Typical Configuration Table Components

A standard configuration table for an Estonian low-voltage distribution box may include the following elements:

Component	Description	Typical Ratings
Main Circuit Breaker	Protects the entire distribution board	16–400 A, 3-phase, 400V AC
Busbars	Conductors distributing power to outgoing circuits	Copper or aluminum, sized for total load
Outgoing Circuit Breakers	Protect individual circuits	6–63 A, single or three-phase
Residual Current Devices (RCDs)	Protect against earth leakage	30 mA for personnel, 100–300 mA for e...

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