

New Zealand Low-Voltage Distribution Box Selection Standards



Overview

From 12 November 2025 until 13 November 2026, electrical workers can choose to use: AS/NZS 3000:2007 including amendment 1 and 2. The Government has amended the Electricity (Safety) Regulations 2010 (ESR) which came into effect on 13 November 2025. Read more information about the amendments. IEC 61439 and its Australian/New Zealand counterpart AS/NZS 61439 are the foundational standards for low voltage switchgear and controlgear assemblies, essential for ensuring electrical safety and efficiency in various industrial and commercial applications. These standards set clear guidelines for. The Electricity Authority expects distribution companies to make changes to give effect to the updated voltage limits On Friday 13 June 2025, the Government announced changes to the Electrical (Safety) Regulations 2010 (Regulations). It should not be used as a substitute for legislation or legal advice.



Article Content

Mar 01, 2026

An overview of the transmission and distribution network of New Zealand

Distribution networks transport power to consumers through a network of overhead wires and underground cables (generically referred to as lines). In total, there are over 150,000 km of

Nov 20, 2025

Electrical Installations: Wiring Rules | Building It Right | HIA

Section 1: deals with what the standard covers and the terms used in the standard, where this standard is referenced, other standards reference within

Jul 04, 2025

NZ Electrical Code for Low Voltage Testing

NZEC 11 1993 New Zealand Electrical Code of Practice for Inspection and Testing of Low Voltage Installations for Certification Purposes.pdf - Free download as

Oct 23, 2025

13 June 2025 OPEN LETTER TO DISTRIBUTORS

The new limits are expected to come into effect in Q3 of this year. This letter sets out the Electricity Authority Te Mana Hiko's expectation that distribution companies will revise and update their

Oct 28, 2025

Understanding the Electrical Wiring Standards for New

nderstand the crucial electrical wiring standards for New Zealand homes, including key regulations and best practices for safety and efficiency. Learn about the

Dec 28, 2025

Standards New Zealand

IEC 61439-3:2024 defines the specific requirements for distribution boards intended to be operated by ordinary persons (abbreviated DBO throughout this document, see 3.1.101) as follows:

Nov 26, 2025

30649 Select, install, and commission basic extra-low voltage ...

Outcomes and performance criteria Outcome 1 Select and install cable support systems and cables for basic extra-low voltage and low voltage customer premises systems.

Jul 02, 2025

New LV Service Connections

New LV Service Connections – Standard Requirements/Options Northpower's core technical requirements for low voltage service connections are outlined below, with further detail provided

Sep 18, 2025

AS/NZS 3000:2018 Wiring Rules

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-001, Wiring Rules, to supersede AS/NZS 3000:2007, Electrical installations (known as the Australian/

Dec 16, 2025

13 June 2025 OPEN LETTER TO DISTRIBUTORS

Consumer-owned distributed energy resources can bring important benefits to the electricity system and all New Zealanders, and we want to maximise the contribution they make to the system, while

Sep 13, 2025

Electrical Wiring Rules updated :: Standards New Zealand

Although an update to this standard was done less than a year ago, it has been modified by amendment to take into account errors, omissions, or improvements that were identified by user

Dec 28, 2025

AS/NZS 61439 and IEC 61439: Scope, Testing, Definitions and Guide

IEC 61439 and its Australian/New Zealand counterpart AS/NZS 61439 are the foundational standards for low voltage switchgear and controlgear assemblies, essential for ensuring

Dec 14, 2025

The context | Ministry of Business, Innovation & Employment

The relevant standards for appliances and fittings in New Zealand are either shared standards with Australia or standards from the European-based International Electrotechnical Commission (IEC).

Jun 17, 2026

Introducing AS/NZS 61439, the latest standard in the

AS/NZS 61439 is the new series of standards made up of 8 parts covering Low-voltage Switchgear & Controlgear assemblies, superseding the

Dec 13, 2025

Low and extra low voltage electrical installations

Electrical installations at low and extra low voltages need to be designed and installed in a way that ensures they will be safe to use. There are

Apr 04, 2026

Low Voltage Electrical Distribution Products

Discover our full range of safe and reliable solutions for low voltage electrical distribution products, including circuit breakers, switches and enclosures.

Jun 19, 2026

New Zealand Electrical Code of Practice for Live Line Work

The New Zealand Electrical Code of Practice for Live Line Work 2003 (NZECP 46:2003) was issued by the Manager, Standards and Safety, Ministry of Consumer Affairs, acting under delegated authority

Dec 29, 2025

NEW ZEALAND ELECTRICAL CODE OF PRACTICE

Pursuant to section 38 of the Electricity Act 1992, I hereby approve the New Zealand Electrical Code of Practice for Homeowner/Occupier's Electrical Wiring Work in Domestic Installations 2004 (NZECP

Mar 20, 2026

Introducing AS/NZS 61439, the latest standard in the

AS/NZS 61439 was first introduced in 2016 and over the past six years, industry experts have continued to work through and adapted the

May 15, 2026

Installation Connection Standard

Contract Supply Capacities up to 100 kVA are levied in standard steps as shown in the previous table. Capacities over 100 kVA relate to standard distribution transformer sizes, i.e. 100, 200, 300 500, 750,

Sep 18, 2025

New Zealand Telecommunications Forum

This Guideline supports the recommendations of the Australia and New Zealand Standard for generic cabling for homes (AS/NZS 11801.1:2019). It also sets out the functional specifications for the

Dec 08, 2025

Network Connection Standard

Low voltage distribution on a private property that supplies multiple Customers on the property (e.g., a unit title development) will generally not be owned by Aurora Energy, but Aurora Energy may take

Nov 14, 2025

Electricity Reticulation Underground Design Standard

The purpose of this standard is to define standard requirements for the design and construction of underground distribution systems installed within the Northpower Service area.

Jul 04, 2025

INDUSTRIAL

ETEL LIMITED ETEL Limited is New Zealand's largest transformer manufacturing company, specialising in the design and manufacture of distribution transformers.

Jul 03, 2025

NEW ZEALAND ELECTRICAL CODE OF PRACTICE

The damp location diagrams for baths, showers and other fixed water containers are taken from the Joint Australian/New Zealand Wiring Rules Standard AS/NZS 3000:2000, with permission from

Mar 21, 2026

Amendments to the Electricity Safety Regulations

While recent appliances are likely to have been designed for 230 Volts $\pm 10\%$, in line with international standards, older appliances in New Zealand are more likely to have been designed to match

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