

Irish Home Electrical Distribution Box Specifications



Article Overview

Irish home electrical distribution boxes must comply with ESB Networks standards, using durable GRP/SMC materials, with dimensions 606mm (H) x 402mm (W) x 155mm (D), and include secure, weatherproof access.

Materials and Construction

Modern Irish meter boxes are typically constructed from Glass Reinforced Plastic (GRP) with a Sheet Moulding Compound (SMC) fire-retardant backboard, replacing older timber backboards for enhanced durability and fire safety . These materials are corrosion-resistant, UV-stable, and weatherproof, ensuring a minimum service life of 40+ years . The door and box comply with BS 8567:2012, and components like the key and locking mechanism are made from galvanised steel to ESB specifications .

Dimensions and Installation

The standard recessed meter box opening should be 606mm high, 402mm wide, and 155mm deep to comfortably house the cabinet . The box must be directly accessible from the main entrance driveway, typically on a wall facing the driveway or within 2 meters of a corner, and must not be obstructed by gates, porches, or security walls . Builders should install a hockey stick duct at the foundation stage to allow cable entry into the box .

Compliance and Standards...

Article Content

Nov 08, 2025

Electric Meter Box & Door ESB Specification (2023)

Electric Meter Box & Door ESB Specification (2023) ESB Networks have introduced a revised Specification for electric meter boxes

Jan 29, 2026

Distribution Box and Selection Guide: Internal Structure, Components ...

Learn how to choose a distribution box and understand its internal structure, including MCBs, busbars, neutral bars,

Mar 14, 2026

IS:10101 Bitesize Guide from Hager

Distribution boards and similar switchgear assemblies within domestic (household) premises, shall comply with I.S.

Feb 25, 2026

Electrical Installation Guide

Written by Schneider Electric's most talented electrical distribution experts, the Electrical Installation Guide is written for professionals

Apr 02, 2026

IS 10101 National Rules for Electrical Installation

Safe Electric have developed a series of short informative videos to help industry learn more about the changes in the

Jan 04, 2026

Meter Box Electrical Irish Standard Recessed

ESB Networks specify that every house must have a meter box to house the electricity meter. The builder / house owner must supply

Aug 02, 2025

Building standards

The design and construction of buildings is regulated under the Building Control Acts 1990 to 2014

Dec 01, 2025

YOUR METER CABINET

The meter cabinet must be directly accessible from the main entrance driveway. A position on the house wall facing the driveway, or

Jul 30, 2025

METER BOXES

For ESB O/H supply situation, see sketch on pages 12/13 of the National Code of Practice for Customer Interface, 3rd Edition 2002

Apr 25, 2026

METER BOXES

COMPLIANT WITH IRISH STANDARDS ESB Networks specify that every house must have a meter box to house the electricity

Mar 31, 2026

HOUSING SCHEMES: GUIDEBOOK FOR ESB NETWORKS

Safety standards for the installation of electrical equipment on housing schemes are covered in this guidebook; they must be

May 19, 2026

SPECIAL EDITION I.S.10101:2020 NEWSLETTER

The National Standards Authority of Ireland's Standards Technical Manager, Yvonne Wylde, said the new document is an essential

Jul 29, 2025

Electrical Meter Box Irish Standard Recessed

A standard recessed unit meter box that is constructed from grp which has an SMC backboard and is compliant with ESB national

Dec 19, 2025

Understanding Electrical Regulations in Ireland: A Guide by a ...

Navigate Ireland's electrical regulations with ease. Learn from a pro electrician how to stay compliant today!

May 18, 2026

Ireland New Wiring Rules

Ireland's new National Rules for Electrical Installations (previously referred to as the National Wiring Rules) have been published by

Dec 27, 2025

Distribution Boxes | National Electrical Wholesalers

Leading Irish Electrical Wholesaler since 1935. Expert in electrical equipment, lighting, wiring accessories, CCTV, fire alarms, and

Sep 13, 2025

Distribution Boxes | Fibox | ABS Electrical Enclosures | Demesne Electrical

Demesne Electrical are stockist of Distribution Boxes in Ireland. Full Range of Enclosures & Accessories Available. Easy Online

Oct 14, 2025

Requirements And Specifications For Installation Of Distribution Boxes ...

In flammable and explosive environments, explosion-proof distribution boxes should be selected and explosion-proof

Dec 25, 2025

Guidelines for NBI End Users when laying Ducting to facilitate the ...

Introduction The purpose of this document is to provide homeowners, builders, and architects with information regarding the

Feb 19, 2026

Meter Box Electrical Irish Standard Recessed

Meter Box Electrical Irish Standard Recessed STOCK CODE: M617 ESB Networks specify that every house must have a meter box

Oct 31, 2025

NSAI publishes new National Rules for Electrical Installations

The National Standards Authority of Ireland's Standards Technical Manager, Yvonne Wylde, said the new document is

Feb 17, 2026

assets.gov.ie

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Feb 15, 2026

Final_product_book_12_curve

GSDB-3126 270x225x135 Electrical and Hydraulic Instruments, Cutouts, Controls and Switchgear 3.

Aug 14, 2025

Meter Boxes by Tricel. Gas & Electric. ESB and Bord

Complete range of electric, gas and commercial meter boxes used in Ireland and Northern Ireland. ESB

Mar 10, 2026

New Wiring Rules IS10101

The NSAI will publish the 5 th Edition National Rules for Electrical Installations, IS 10101:2020 (hereafter “the new standard”) on 6

May 15, 2026

I.S.10101 Wiring Regulations – A Bitesize Guide

In February 2021, the new standard of rules regarding electrical installation came into force to replace the old Wiring

Sep 01, 2025

Distribution boards components

Distribution boards (generally only one in residential premises) usually include the meter (s) and in some cases

Aug 10, 2025

Water Infrastructure Standard Details

These Standard Details shall be used in conjunction with current Irish Water Codes of Practice, which will take precedence over the

Dec 09, 2025

Amendments to National Rules for Electrical Installations: Overview of ...

Fundamentals of Electrical Services Design – Online Classroom (4200): Thursday, November 20, 2025; National

Feb 17, 2026

Electric Meter Box & Door ESB Specification (2023)

ESB Networks have introduced a revised Specification for electric meter boxes in Ireland. Taken in conjunction with the ESB

Aug 27, 2025

Overview of new "National Rules for Electrical Installations" – Irish ...

After more than 12 years in use, the National Rules for Electrical Installations ET101:2008 have been replaced with the

Jul 09, 2026

Guide to the Installation of Telecoms Infrastructure in ...

y Distribution Point to the connection point of the Housing Unit, in a multi-f the first occupants to access the services as soon as they

Feb 05, 2026

Water Infrastructure Standard Details

THE BOUNDARY BOX IS TO BE IN ACCORDANCE WITH THE IRISH WATER SPECIFICATION, INCORPORATING A G1.5

Oct 12, 2025

Home Safety

Distribution Boards dissipate heat and have been known to overheat, and this must be considered in their installation and location.

Nov 05, 2025

ESB Meter Box Specifications and Requirements

The document provides specifications and requirements for an ESB meter box used to house electricity meters in Ireland. It details

Jan 29, 2026

I.S.10101 Bitesize Guide

This section also requires that distribution boards within household premises comply with the I.S. EN 61439-3 standard for electrical

Nov 14, 2025

What's New in Ireland's National Rules for Electrical Installations?

Ireland's new Wiring Rules, also known as Irish Standard I.S. 10101:20xx, has now been issued for Public

Aug 26, 2025

Layout 1

New CER Licence A Major change has taken place in the electrical contracting industry. The CER announced in November 2015,

Nov 21, 2025

PRODUCT DATA SHEET MEDIUM ELECTRIC METER BOX

The Mitras Medium Electric Meter Box has been developed to meet the updated ESB Networks 2023 specification, delivering a

Contact Us

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This document is for informational purposes only. Specifications subject to change without notice.

