

Maltese electrical distribution box protection



Article Overview

In Malta, electrical distribution boxes must include a main circuit breaker, overvoltage protection, residual current device, and proper earthing to comply with national safety regulations.

Regulatory Requirements

According to Maltese law, every property connected to the national electricity grid—whether single-phase or three-phase—must have:

- Double-pole main circuit breaker to isolate the installation safely
- Overvoltage protective device to prevent damage from voltage spikes
- Residual current device (RCD) to protect against electric shock
- Reliable earthing system to ensure safe fault current dissipation
- Periodic inspection by an authorised electrician or electrical engineer to maintain compliance and safety

Protective Devices

Electrical distribution boxes in Malta typically incorporate:

- Miniature Circuit Breakers (MCBs) for overcurrent protection
- Fuse-links (Type D, D0, C) for additional circuit protection
- Overvoltage protection devices (ETITEC or similar) to safeguard sensitive equipm...

Article Content

Aug 27, 2025

Consumer Units – BigMat Malta

Marlanvil Surface Distribution Box for 4 Modules IP65 The Marlanvil Surface Distribution Box is designed to accommodate up to 4

Nov 21, 2025

HOME | Darmanin Supplies Malta

Darmanin Supplies offers a comprehensive range of electrical products, including distribution boards,

Jul 31, 2025

Power Distribution & Circuit Protection

Power Distribution & Circuit Protection Power distribution encompasses the wide range of electrical equipment and components

Dec 13, 2025

Power Distribution & Domestic Consumer Unit – BigMat Malta

The Marlanvil Surface Distribution Box is designed to accommodate up to 4 modules in a waterproof and dustproof IP65 rated

Dec 10, 2025

Metal Boxes and Enclosures

Products Previous Next Metal Enclosures We carry metal enclosures of all sizes. If you would like more information on the products

Jun 01, 2026

Enemalta updates regulations on electrical installations

Enemalta updates regulations on electrical installations Ground-floor maisonettes to have easier access to rooftop

Feb 22, 2026

Distribution Board Testing and Servicing | Pat Testing Malta

We provide professional distribution board testing and servicing across Malta and Gozo for commercial, industrial, and residential

Jul 14, 2026

EKDB10 IP65 Waterproof Distribution Box | Industrial Electrical ...

EKDB10 Series IP65 waterproof distribution boxes offer premium protection for electrical systems in industrial,

Dec 31, 2025

Guide To Electrical Distribution Boards: Selection And Protection

Electrical distribution boards for commercial installations have gone through some changes in the past few years due to the higher

Oct 07, 2025

Network Code EMC Approved October 2013

Background In accordance with Legal Notice 511 of 2004 (LN 511/2004), Electricity Regulations 2004 (ER): Enemalta Corporation

Mar 30, 2026

Electrical Supplies in Malta & Gozo

Electrical Supplies in Malta and Gozo. Find Electrical Supplies in Malta and Gozo. Now you can sort Electrical Supplies

Aug 23, 2025

High-Level Review: Enemalta's Planning and Investment in the ...

1.1 Why this study? 1.1.1 Acknowledging the importance of a reliable and efficient electricity distribution network for Malta's economic

Nov 12, 2025

L.N. ____ of 2023 REGULATOR FOR ENERGY AND WATER

Electricity Connection and Supply Regulations, 2023 IN EXERCISE of the powers conferred by article 37 of the Regulator for Energy

Feb 04, 2026

Power Distribution Systems Malta | Production Power Equipment

Professional power distribution equipment for film production in Malta. Generators, distro boxes, cable systems, and electrical

Jan 08, 2026

Distribution Box Guide

What is a distribution box? A distribution box is a critical component in any electrical system, acting as a central hub

Nov 13, 2025

Electrical Installations (Amendment) Regulations

The primary purpose of the proposed amendments to the EIR is to update these regulations to reflect the changes in

May 24, 2026

Electrical Installations (Amendment) Regulations 2020

The anti-islanding protection in all cases shall automatically disconnect from the distribution system in the event of loss of supply

Dec 01, 2025

Distribution Board

A distribution board, also known as a panelboard or breaker panel, is an electrical panel that distributes

Jun 29, 2026

Electrical Installations(Amendment) Regulations 2024 comparative table

Electricity Connection and Supply Regulations, 2023 and the network code with respect to requirements posed on electrical

Aug 22, 2025

Home [ess .mt]

Discover a wide range of lighting products and electrical equipment at ESS, Malta's leading supplier. Shop top brands for sockets,

Dec 28, 2025

Power Distribution & Domestic Consumer Unit – BigMat Malta

Marlanvil Surface Distribution Box for 4 Modules IP65 The Marlanvil Surface Distribution Box is designed to accommodate up to 4

Sep 20, 2025

L.N. of 2024 REGULATOR FOR ENERGY AND WATER SERVICES

Electrical Installations (Amendment) Regulations, 2024 IN EXERCISE of the powers conferred by article 37 of the

Apr 05, 2026

Electrical Installations(Amendment) Regulations 2024 comparative table

Where an electrical installation contains connection point/meter and the customer's main distribution point; (c) All electrical

Feb 28, 2026

Protection for the Electrical Distribution System

The principles behind protection schemes, and The key protective devices —such as fuses, circuit breakers, relays,

Jan 01, 2026

Electrical & Plumbing

Electrical & Plumbing Engineering Tools Electrical & Plumbing MCE Limited has always been strong in the market as a reliable

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.greatpremiersolutions.co.za>

Email: sales@greatpremiersolutions.co.za

Phone: +27 82 914 3675

Address: Unit 5, Silicon Heights, 22 Electron Avenue, Cape Town, 8001, South Africa

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

