

Myanmar Low-Voltage Distribution Box Specifications Table



Overview

L.T. Distribution Box Specification | PDF | Fuse (Electrical) 3) Specifications cover the construction, components, sizing, testing requirements and other.

Key Takeaways

Low-voltage distribution boxes in Myanmar are typically fabricated from 2 mm GI sheet steel, with IP-55 protection, copper bus bars, MCCB arrangements, and provisions for earthing and cable entry. Key Specifications

Parameter	Specification
Material	2 mm galvanized iron (GI) sheet steel with reinforced channels
Type	Outdoor/Indoor, wall-mounted or free-standing
Protection Level	IP-55 (dust and water protection)
Door & Locking	Slanting roof with 50 mm overhang; Godrej 3-position locking system; concealed hinges; galvanized manual lock provision
Earthing	Two solid earthing points on either side
Bus Bar Arrangement	Copper flat bars, 25x4 mm; one bus bar arrangement with 4-pole MCCB; outgoing feeder with 2 sets of 3-pole MCCBs
MCCB Standards	IS: 13947, magnetic trip release, manual reset; neutral unbalance protection included
Cable Entry	Heavy-duty brass double compression cable glands; detachable plates for fixing
Insulation & Safety	Metallic/heat-resistant insulating barriers between MCCBs; phase-colored insulation tubing (Red, Yellow, Blue, Black)
Dimensions	Illustrative; tolerances $\pm 10\%$; purchaser may specify
Type Testing Certificates	for IP-55 and MCCB compliance from CPRI or government-approved labs required
Additional Features	Provision for internal lighting; non-detachable nameplate; punching marks for identification
Operational Conditions	Voltage Rating: Low voltage 0.



4 kV; suitable for LT supply
 Frequency: 50 Hz, three-phase
 Ambient Conditions: Max temperature +40°C, min -25°C; relative humidity daily $\leq 95\%$, monthly $\leq 90\%$
 Installation: Tilt $\leq 3^\circ$, free from frequent severe vibration or corrosive/flammable gases
 Notes: Preference is given to boxes with insulators fixed on suitable arrangements for bus bars.

All MCC

Bs must be crimped with die-less crimping tools and meet approved clearances. Underground or hybrid boxes may include additional features like waterproofing, submersible operation, and integrated advertising panels for urban installations. These specifications ensure safety, durability, and compliance with Myanmar's electrical standards for commercial, residential, and industrial low-voltage distribution applications.

Article Content

L.T. Distribution Box Specification | PDF | Fuse (Electrical)

3) Specifications cover the construction, components, sizing, testing requirements and other technical parameters for boxes serving transformers from 16 to 100 KVA.

TECHNICAL SPECIFICATION FOR LT DISTRIBUTION BOX

General Technical Particulars for LT Distribution Boxes : - The L.T. Distribution Boxes should be of the dimensions as per the drawing & details in the table furnished.

TECHNICAL SPECIFICATION I.R.O. 63,100,160 & 315 KVA

Distribution Boxes shall have Isolator (Switch Disconnecter) on incoming circuit and Porcelain CUTOFF fuse base disconnecter on outgoing circuits with necessary interconnecting Bus Bars.

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Technical Specifications for Outdoor LT Distribution boxes with ...

They shall be suitable for operation on 433 Volts, 3 Phase, 4 Line, AC 50 cycles systems and required to be installed at the secondary terminals of distribution transformer centers.

[JKR Specification For Low Voltage | PDF | Relay](#)

Discuss the structural and safety measures necessary for busbars in low voltage electrical installations. Busbars must have expansion joints every 20 meters and at their ends to accommodate thermal

CKE.LS.01.01.(06).2016 Date Issued: April 1999 Revision: 3 ...

Distribution Boards shall be provided with top and bottom entry/exit with minimum ...
tch gears shall have voltage and frequency rating suitable for the power system to which they are connected. The current

DISTRIBUTION BOARDS CATALOG

Unique box wrapper profile developed using latest technologies and simulation software ensures the strongest resistance to high crushing forces. This profile helps in preventing the twisting of the box

Myanmar Underground Box Transformer-Dongfeng-covering various

The underground box transformer occupies a small area and can replace traditional distribution rooms in residential communities, reducing the construction of distribution rooms and providing significant

[L.T. Distribution Box Specification | PDF](#)

The document provides specifications for low voltage distribution boxes used with distribution transformers of various ratings. Key details include: 1) The boxes will be outdoor type made of glass

CKE.LS.01.01.(06).2016 Date Issued: April 1999 Revision: 3 ...

10.3 Boxes For Switches, Switched Socket Outlets Unswitched Socket Outlets And Distribution Boards (Enclosure For Electrical Accessories)

[Electrical Guidelines by HPBC | PDF](#)

Low Tension Receiving and Distribution System, Circuit Diagrams and Design Drawings shall be in accordance with Rules and Regulations adopted in Myanmar (Fig. IN-2) (R), Fig II-3) (R).

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DRAFT SPECIFICATION FOR L. T. DISTRIBUTION BOX OF

DRAFT SPECIFICATION FOR L. T. DISTRIBUTION BOX OF DISTRIBUTION TRANSFORMER (DTR) OF DIFFERENT RATINGS WITH INCOMING PORCELAIN REWIREABLE FUSE UNIT AND

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LOW VOLTAGE FINAL DISTRIBUTION BOARDS (DB) Technical data: Standard compliance to : MEW S1/IEC 60439-1 IEC 60529 BS 159/IEC IEC 60947 BS 88/IEC 60269 And other relevant standards. :

Low Voltage Distribution Board Technical Specification

Technical specification for low voltage distribution boards, covering design, manufacturing, testing, and commissioning requirements.

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

