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 SpecificationsParameterSpecificationMaterial2 mm galvanized iron (GI) sheet steel with reinforced channelsTypeOutdoor/Indoor, wall-mounted or free-standingProtection LevelIP-55 (dust and water protection)Door & LockingSlanting roof with 50 mm overhang; Godrej 3-position locking system; concealed hinges; galvanized manual lock provisionEarthingTwo solid earthing points on either sideBus Bar ArrangementCopper flat bars, 25x4 mm; one bus bar arrangement with 4-pole MCCB; outgoing feeder with 2 sets of 3-pole MCCBsMCCB StandardsIS: 13947, magnetic trip release, manual reset; neutral unbalance protection includedCable EntryHeavy-duty brass double compression cable glands; detachable plates for fixingInsulation & SafetyMetallic/heat-resistant insulating barriers between MCCBs; phase-colored insulation tubing (Red, Yellow, Blue, Black)DimensionsIllustrative; tolerances ±10%; purchaser may specifyType TestingCertificates for IP-55 and MCCB compliance from CPRI or government-approved labs requiredAdditional FeaturesProvision for internal lighting; non-detachable nameplate; punching marks for identificationOperational ConditionsVoltage Rating: Low voltage 0.

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4 kV; suitable for LT supplyFrequency: 50 Hz, three-phaseAmbient Conditions: Max temperature +40°C, min -25°C; relative humidity daily ≤95%, monthly ≤90%Installation: Tilt ≤3°, free from frequent severe vibration or corrosive/flammable gasesNotesPreference 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 Disconnector) on incoming circuit and Porcelain CUTOUT fuse base disconnector on outgoing circuits with necessary interconnecting Bus Bars.

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Technical Specifications for Outdoor LT Distribution boxes with ...

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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 minim ... tchgears shall have voltage and frequency rating suitable for the power system to which they a e 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

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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 ig. IN-2) (R), Fig II-3) (R).

Medium And Low Voltage Panel In Myanmar

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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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PowerPoint Presentation

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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Technical inquiry: https://cjcconsultants.co.za/contact.html

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

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