

Lighting Distribution Box Models and Specifications



AI Overview

Lighting distribution boxes are electrical panels designed to safely distribute power to lighting circuits, available in various models and specifications for residential, commercial, and industrial applications.

Key Specifications

Voltage and Frequency: Most lighting distribution boxes operate at low voltage, typically 220–380V AC, with standard frequencies of 50Hz or 60Hz depending on the region and application.

Current Rating: Boxes are rated for specific current capacities, commonly ranging from 16A to 63A for single-phase systems, and higher for three-phase industrial setups.

Protection Features: They include circuit breakers, fuses, and residual current devices (RCDs) to prevent overloads, short circuits, and electric shocks.

Material and Enclosure: Distribution boxes can be made of plastic or metal, with protection levels (IP ratings) suitable for indoor or outdoor use. Plastic boxes are common for residential lighting, while metal enclosures are preferred in industrial environments.

Mounting Type: Options include flush-mounted (inside walls) and surface-mounted (on wall surfaces) installations.

Common Models

Low-Voltage Fixed Switchgear:

- GGD Series:** High breaking capacity, stable performance, used in substations and power plants.
- GDH and PGL Series:** Provide stable power supply for various applications, including lighting.

Low-Voltage Withdrawable Switchgear:

- GCK Series:** Suitable for motor control and lighting equipment, rated around 660V.
- GCS Series:** Used in high-consumption areas like power plants and high-rise buildings, rated 400V.
- MNS Series:** Compact and versatile, ideal for small power plants, industrial facilities, and hotels.

Consumer Control Units:

- C6 Series Single-Phase Distribution Board:** Includes cover, frame, base box, guide rail, neutral and earth copper bars, suitable for residential and light commercial lighting.

Smart and Dece...

Article Content

Understanding XM Low Voltage Lighting Distribution Box: Your

Discover the essential guide to XM Low Voltage Lighting Distribution Boxes, designed for homeowners and electricians seeking optimal lighting solutions. This comprehensive article delves

High-Quality Electrical Lighting Distribution Boxes Explained

Electrical lighting distribution boxes play a crucial role in managing and distributing power for various lighting systems. These versatile components are essential for ensuring safe and efficient operation

Lighting Distribution Box Market Research Report 2034

The Lighting Distribution Box market was valued at \$18.7 billion in 2025 and is projected to reach \$28.4 billion by 2034, growing at 4.8% CAGR.

Easy Install 48V 20kWh 400Ah Home Backup Lighting Distribution Box

Easy Install 48V 20kWh 400Ah Home Backup Lighting Distribution Box for Solar Power Storage Key Specifications/ Special Features: Safe & reliable performance with Lithium Iron Phosphate (LFP)cell 2.

Distribution Box

Plastic Electrical Box, also known as a consumer control unit or electricity control unit. It is a device that is a type of distribution board that helps in protecting

flex7 Lighting Distribution Boxes

At the very core of its design our Lighting Distribution Box fulfils the requirements of BS 5733. It's a longstanding, onerous British Standard written to ensure devices

Lighting Distribution Panel

Lighting Distribution Panel Lighting Panel (LP) sub-distribution boards offer the right low voltage (LV) solution for large buildings by dividing the electrical power feed

General Lighting Distribution Boxes | CONLUXS

CONLUXS General Lighting Distribution Boxes —MW Series, C-Bus, WEFP Electrical Fire Monitoring, NSX NA, IP30.

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

1. SCOPE: This Specification covers the design, manufacture, testing at works and supply of Distribution Boxes made out of CRCA MS for controlling the L.T. feeders from the L.T. side of Distribution

6 Way klik Lighting Distribution Unit • KLDS6 | Hager

Rated 230-240 V, 50-60 Hz, with 4 kV impulse withstand and IP20. One 17.8 mm module for DIN rail. B-curve suits general lighting and socket circuits. Ideal for

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. approved clearances and technical

XXM Series Lighting Distribution Box

The XXM series lighting and power control distribution boxes are available in three variants: universal type, outdoor type, and transparent window type. They can be

Distribution Box and Selection Guide: Internal Structure,

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

Lighting box

These products deliver dual-standard compliance for ultimate safety, flexible customization for diverse scenarios, efficient heat dissipation, and intelligent monitoring capabilities in select models.

Main Lighting Distribution Board (LDB)

DOHO is a leading lighting distribution board and other safety equipment for industrial, commercial, and residential applications. We are an experienced

LIGHTING DISTRIBUTION BOARD

Optimize your operational needs with customizable Lighting distribution board solutions from Accu-Panels. Built to last, our LDB products deliver top-of-the-line

Distribution Box Specs

It performs well in wet locations with the water-proof rating of IP66. With the maximum carrying capacity of 6000W, it can be applied to high mast lighting system combined with outdoor lighting fixtures such

Delixi Electric-Lighting Distribution Box (Light)

Do you know the product name or model? Delixi Electric always works closely with its partners and provides efficient professional support.

Distribution Boxes

Get the best quality distribution boxes & other lighting with TradeSparky - UK electrical wholesaler for domestic and industrial supply. Shop online today

WebProcure

WebProcure offers best-in-class functionality, reaching end-to-end from requester to procurement buyer to merchant, and all the way back! Designed specifically for the public sector.

LIGHTING DISTRIBUTION UNITS

The Olson range of Lighting Distribution Units are designed & manufactured in the UK. Constructed from Zintec steel and powder coated in white RAL9010.

Outdoor Cut Outs and Distribution Boxes

Suitable for both pole and wall mounting, our solutions include ABC distribution boxes, pole-mounted cut outs, outdoor service units, and street lighting cut outs.

Contact Us

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

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