

What are the specifications for an AL distribution box

Article Overview

The HWB60-AL Series AL Distribution Box is a compact, waterproof power distribution module designed for flexible circuit protection and customization in small vehicles and industrial applications.

Key Electrical and Functional Specifications

- **Fuse and Relay Compatibility:** Accepts MINI® fuses, MINI® circuit breakers, MCASE™ fuses (adapter required, sold separately), ISO 280-style relays including 4-pin single-throw and 5-pin double-throw relays, allowing flexible circuit design and protection .
- **Direct Wiring:** Supports direct wire-to-component connections for customized circuitry.
- **Terminal Assurance:** Features Terminal Position Assurance (TPA) locks to secure wires and prevent accidental disconnection .
- **Relay Retention:** Includes a relay retention grid to keep relays securely in place.

Physical and Environmental Features

- **Construction:** Thermoplastic cover with gasket ensures dust-tight and waterproof protection.
- **Environmental Ratings:** IP68 and IP69K certified, providing resistance to dust, water immersion, and high-pressure washdowns .
- **Ventilation:** Equipped with a Gore vent to equalize pressure and prevent condens...

Article Content

Oct 19, 2025

The Ultimate Guide to Distribution Box Types

Discover the key types of distribution boxes with NUOMAK's comprehensive guide. Learn about Main Distribution Boards (MDB),

Jun 07, 2026

Distribution Box Guide: Types, Components & Solutions

Understand distribution boxes (DB boxes) in 5 minutes. Learn about types, components, functions, and uses. Find

May 11, 2026

Distribution Boxes Technical Data

Two provided with box. One set provided with box. Dimensions are shown in mm (in.). (1) Replace x with 1 [1 m (3.28 ft)], 2 [2 m

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Distribution Box – Astryd Power Pvt. Ltd.

This specification covers the design, manufacture, testing at works, and supply of Distribution Boxes made

Jan 04, 2026

Power distribution block

For smaller vehicles, this unit is an ideal solution as a main vehicle module. It features durable construction, and IP67 Rating and a

Jun 01, 2026

Requirements And Specifications For Installation Of Distribution Boxes ...

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

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A Complete Guide to LV Distribution Board | CHINT global

LV distribution boards, part of the electrical distribution system, securely distribute low-voltage power to facility circuits.

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Distribution boards components

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

Feb 28, 2026

The Technical Specifications for Fiber Distribution Boxes

The fiber distribution box, a crucial component in optical fiber networks, serves a dual purpose of managing and

Aug 20, 2025

HWB60-AL SERIES

Description and relay box? The HWB60-AL Series Hard-Wired Waterproof Power Distribution Box with AssureLatch™ is a great

Sep 18, 2025

PDM71004ZXM | HWB60_AL Series Hard-Wired PDMs | Littelfuse

The HWB60-AL series uses Delphi Metri-Pack 280 tanged terminals, cable seals, and cavity plugs (not included). The thermoplastic

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Understanding Distribution Boxes: Your Guide to Power

What are Distribution Boxes and Their Importance? What are Distribution Boxes and Their

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Distribution Box Electric Meter Box Aluminium Panel Distribution Box

We are Aluminium Panel Distribution Box manufacture and supplier, provide Distribution Box Electric Meter Box Aluminium Panel

Jun 30, 2026

RECOMMENDED SPECIFICATIONS OF JUNCTION BOX AND

Because typically many junction boxes are required on offshore structures and units, it is recommended that the requirements and

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A Complete Guide to Distribution Boards

Read this comprehensive buyer's guide on distribution boards, explaining what they are, their uses, types, how to

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Distribution Boards

Distribution boards, often referred to as electrical panels or breaker boxes, serve as the nerve center of any electrical system. Here

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General Purpose Enclosure Specifications Technical Data

General Purpose Enclosures Specifications ... General Purpose Enclosures Specifications ... In applications where there are shock

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Technical Specifications for Outdoor LT Distribution boxes with ...

Scope: The scope of this specification covers Weather / Vermin proof LT distribution boxes (LTD) with controllers, MCCB, MCB, Bus

Mar 23, 2026

SELECT YOUR DISTRIBUTIONSYSTEM

Distribution is an essential function for the electrical panels, as well as for control and circuit protection. As well as purely technical

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Distribution Box Specifications And Models

There are many specifications and models of Distribution box. The following are some

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Distribution Boards & Consumer Units

Distribution boards, together with modular ABB system pro M Compact protection devices and Modular Din Rail Components, can be

Jul 28, 2025

Distribution box catalogue | PDF

This document provides specifications for various distribution boxes including dimensions, mounting sizes, and number of ways. It

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Distribution | Legrand E-catalog International

Aluminium Copper Distribution box - 300 mm² - 540 A max. Residential and small commercial panels | Distribution | !

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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,

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Electrical Control Panels & Distribution Boxes: Sizes, Types, and ...

Introduction Electrical control panels and distribution boxes are the backbone of modern electrical systems. From

Aug 16, 2025

DISTRIBUTION BOX

Technical Specification for Distribution Box (DB)- Accessory for LT AB Cables 1. SCOPE 1.1 This Distribution Box (DB) should be

Mar 27, 2026

TECHNICAL SPECIFICATION FOR LT DISTRIBUTION BOX

TECHNICAL SPECIFICATION FOR LT DISTRIBUTION BOX VOL-II(TS) E12-IX- LT DB
Page-2 of 9 L.T. DISTRIBUTION BOX FOR

Mar 02, 2026

Distribution Box Specifications & IEC Protection Standards

Evaluate distribution box parameters, bus bar configurations, and overcurrent protection requirements for industrial

Nov 14, 2025

Size determination, installation method and wiring mode of distribution ...

The distribution box is the central hub of the home circuit and the general control of our daily power consumption. It is an

Jan 03, 2026

Technical Requirements for Distribution Box in Electrical Industry

16. The distribution box system drawings are shown in the attached drawings. The above is the technical requirements of distribution

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How to Install a Cable Distribution Box Safely and Correctly?

In modern electrical systems, cable distribution boxes (also known as electrical distribution boxes or distribution

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What Is a Distribution Box?

What to Look for When Choosing a Distribution Box If you're going to buy a distribution box, there are several things

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Distribution Box

Metal Distribution Box Features Continuously welded seams Foam-in-place seamless gasket 120-degree opening heavy-duty

Sep 14, 2025

Outdoor Electrical Distribution Box Specifications: NEC

Complete specification guide for outdoor electrical distribution boxes covering NEC Article

Jul 28, 2025

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

Contact Us

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