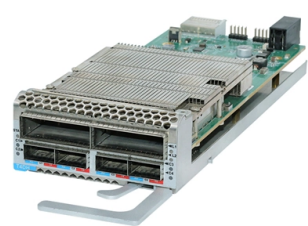


Distribution Box Wiring Harness Specifications and Dimensions Table



Article Overview

Distribution boxes feature standardized wiring harnesses with pre-wired M8, M12, or M16 connectors, IP67 protection, and cable lengths ranging from 1 m to 10 m, with detailed dimensions varying by model and port configuration.

General Specifications

- Connector Types: M8, M12, M16 push-pull or threaded connectors, compatible with industrial automation systems (Amphenol LTW) .
- Port Configurations: 4, 6, or 8 ports for single or dual pre-wired cables; some models support up to 36-way distribution boxes .
- Cable Lengths: Standard lengths include 1 m, 2 m, 3 m, 4 m, 5 m, and 10 m; custom lengths available on request .
- Material: UL-compliant materials, robust IP67-rated enclosures, oil-resistant, vibration-resistant, and suitable for harsh industrial environments .
- Indicators: LED indicators for power and function are available on some models .
- Mounting: Wall or floor mounting with front access; enclosures may be made of cold-rolled steel, stainless steel, or die-cast materials for chemical resistance .

Dimensions Table (Representative Examples)

Model / Type	Ports	Length (mm)	Width (mm)	Height (mm)	Notes
TS1-12	12	300	80	150	50-120Standard industrial distribution box
TF1-24	24	200	500	100	20080-150Modular design, multiple ways
LS1-36	36	300	700	150	250100-200High-capacity distribution Amphenol LTW4, 6, 8Cu...

Article Content

Jun 24, 2026

02_Distribution_boards2005

The wall-mounting distribution board offers the possibility of cable entry on the top, at the bottom and from the back. All wall

Sep 28, 2025

Data-Sheet-Template-EN

Technical Bulletin PowerBox – Wiring Harness Design Recommendations ABSTRACT
The PowerBox is an intelligent control and

Jan 23, 2026

Distribution box catalogue | PDF

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

Jun 30, 2026

Distribution Boxes Technical Data

DC Micro Style Distribution Boxes Four-pin, One Signal per Port Cable Connector
Distribution Box Eight-port DC Micro Distribution

Aug 09, 2025

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

Jun 21, 2026

Electrical wire size & Diameter Tables

Electrical wire sizes & gauges: Tables of Electrical Service Entry Cable Sizes, Electrical Circuit Wire Diameters, Circuit Ampacity,

Dec 25, 2025

Use Walton DB box of correct size and thickness | Walton Blog

Of course, the electrical box's dimensions have yet to be determined. Consider the real installation, look at the actual wiring

Nov 08, 2025

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

Feb 26, 2026

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,

Sep 12, 2025

IPC-D-620A

IPC-D-620 is supplemented by Appendices A-C and a handbook (IPC-HDBK-620), which provide the engineering rationale and

Jun 17, 2026

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

Jul 06, 2026

Distribution Boards

Flush mount Choice of 12-way and 20-way, to accommodate • 13 Mm width products
12-Way available in steel or plastic

Jan 02, 2026

Cable Specifications and Dimensions for Complete Distribution Boxes

The document specifies the quantities and descriptions of distribution boxes, cables, and an online UPS system. It includes 6 items

Oct 05, 2025

MNS® Low Voltage Distribution Board and Power Cabinet

Features ABB distribution board and power Cabinet conform to GB7251.3-2006.
Product includes distribution board, lighting control

Mar 02, 2026

Distribution Box Terminal Cable Wiring Harness

Distribution Box Terminal Cable Wiring Harness is designed for high-performance power distribution, providing reliable, secure

Aug 28, 2025

Electrical distribution box wiring technical specifications

Below we will list several technical specifications for electrical distribution box wiring.
1□The wire should be connected

Mar 07, 2026

Electrical Distribution Box Design Guide

The document provides details for designing the electrical distribution box and circuits for a residence. It includes specifications for

Jan 08, 2026

Distribution Box

Distribution Box Space and cost saving solution Amphenol LTW's distribution boxes facilitate efficient cable management, easy

Nov 22, 2025

wire harness drawing standards | hooha harness

Wire harness drawing standards are guidelines and specifications that define how wire harness drawings should be created and

Nov 22, 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

Jul 24, 2026

Distribution Boxes

Distribution boxes are a great way to increase flexibility and cut costs. They lower your labor costs by reducing installation and

Mar 14, 2026

Distribution Box

Our distribution boxes are perfect for industrial environments, catering to automation, robotics, and processing facilities. They provide

Jul 29, 2025

Requirements And Specifications For Installation Of Distribution Boxes ...

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

Jul 03, 2026

Distribution Boxes Technical Data

Wiring diagram shows both PNP and NPN wiring. Actual units use PNP status indicator, NPN status indicator, or neither. Dimensions

Sep 15, 2025

Distribution boards components

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

Jun 29, 2026

The Ultimate Guide to Wiring Harness Design: Everything You Need

Find comprehensive wiring harness design guidelines in PDF format. Learn how to properly design and build wiring harnesses for

Dec 14, 2025

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

Mar 26, 2026

Electrical distribution box wiring technical specifications

G. When the wire cross-section can not choose the corresponding casing, you can use nylon ties to fix the casing on

Feb 20, 2026

Technical Specifications for Distribution Boxes and Switch Boxes

This document sets forth technical, installation and safety specifications for distribution boxes, switch boxes and cabinets. It

Mar 06, 2026

TECHNICAL SPECIFICATIONS FOR A. C. DISTRIBUTION BOARD

SCOPE: This specification covers the design, manufacturing, testing at works and supply of Indoor type A.C. Distribution Boards for

Mar 23, 2026

Requirements and Acceptance for Cable and Wire Harness Assemblies

1.1 Scope This standard prescribes practices and requirements for the manufacture of cable, wire and harness assemblies. This

Feb 11, 2026

Final_product_book_12_curve

RANGE & SPECIFICATIONS: Sr. No. Product Code Inside Dimensions (mm] H x W x D
Typical Applications

Contact Us

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

Website: <https://khanimamboguesthouse.co.za>

Email: sales@khanimamboguesthouse.co.za

Phone: +27 64 852 1973

Address: Unit 7, Greenway Business Park, 8 Innovation Drive, Centurion, 0157,
South Africa

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