

Commonly Used Socket Specifications in Distribution Boxes



Overview

Industrial plugs and sockets come in the following current ratings: 16A, 32A, 63A, and 125A. The voltage specifications include several series: 110V, 220V, and 380V, with 220V (blue) and 380V (red) being the two main types. They are available in 3-pin, 4-pin, and 5-pin configurations. The. Every German and European standard has to be approved by a series of institutions, including the "International Electrotechnical Commission (IEC)", the European committee for electrotechnical standards "Comité Européen de Normalisation Électrotechnique (CENELEC)", the "German Institute for. ABB's industrial plugs and sockets are a part of the comprehensive ABB program of high quality low voltages products for industries, buildings and OEM's. Long experience of developing. With an increasing investment in research and development (circa 5% of sales) and more than 3,700 active patents, the Legrand Group is focused on maintaining a high rate of new product launches that present innovative solutions to the market.



Article Content

Nov 29, 2025

Industrial plugs and sockets

All male and female plugs and sockets with a rated current of 63 A and all males and interlocked socket outlets with a rated current

Apr 15, 2026

Industrial and multiphase power plugs and sockets

Industrial and multiphase plugs and sockets provide a connection to the electrical mains rated at higher voltages and currents than

Dec 26, 2025

Guide to Sockets

This guide does not cover industrial sockets, which fall under a separate standard and, although referred to in the Wiring Code, are

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Industrial and multiphase power plugs and sockets

Industrial and multiphase power plugs and sockets IEC 60309-style plugs inserted into wall-mounted

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A SAFEhouse Guide to Sockets

This guide does not cover industrial sockets, which fall under a separate standard and, although referred to in the Wiring Code, are

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INDUSTRIAL PLUGS & SOCKETS

Using extra low voltage is a way how to protect from electrical shock. Extra low voltage is used where the risk is high: swimming

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INDUSTRIAL PLUGS, SOCKETS & ENCLOSURES

METAL ENCLOSURES Legrand's range of industrial enclosures has been designed to the highest specification, providing the user

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AC power plugs and sockets

AC power plugs and sockets connect devices to mains electricity to supply them with electrical power. A plug is the connector

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Understanding Sockets: Types, Features, and Applications

Find out what sockets are, what they do, and how they work. These versatile connectors can be used across industries

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Standard electrical wall mounting box specifications for the USA

I was wondering what the standard electrical wall mounting box used for sockets in america was. I was also wondering

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Distribution Box Guide: Types, Components & Solutions

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

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Sockets Guide

This guide explains the safety standards for plugs, sockets, extension cords, and adaptors in South Africa.

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The Different Types and Specifications of Industrial

Some of the common specifications are: Current rating: This is the maximum current that the

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Electrical Box Dimensions: Find the Right Size for Any

Learn standard electrical box dimensions for outlets, switches, and junction boxes.

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Summary of key points for construction and installation of distribution ...

The construction and installation points of distribution boxes and switch boxes are summarized as follows: 1. Select qualified

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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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European standards for plugs and sockets

This standard specifies safety requirements for devices that are used for power distribution in domestic or industrial areas and on

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Electrical Boxes

Electrical Boxes: Junction Box, Outlet Box, Single Gang, 2 Gang Electrical Boxes vary in size, material,

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Choosing Electrical Boxes

Because of their shallow depth, these boxes can also be installed back to back within a standard 2×4 wall. This allows you to keep

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IEC 60309 Panel Socket Specifications

This document provides specification sheets for various IEC309 panel sockets with different amperage ratings (16A, 32A, 63A, 125A)

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Industrial Plugs and Sockets: IEC 60309 Types, IP Ratings, Pin ...

The most common global system for industrial plugs and sockets is IEC 60309, often called CEE, CEEform, or pin and

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Complete Guide For Distribution Boxes Types

Distribution boxes, also known as electrical distribution boards or panels, are pivotal components in electrical systems, ensuring the

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Area distribution boxes with connectors

4.1 Characteristics of the materials The area distribution box associated with the copper or optical feedthrough sockets allows total

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Junction Box Sizes and Specifications: A Complete Guide

In this guide, I will elaborate on the standard sizes, specifications, sealed openings and wire capacity of junction boxes, and show

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Understanding Sockets & Accessories

Spline Sockets Compatible with spline fasteners as well as 4-, 6-, and 12-point fasteners. Their design offers higher strength in a

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Distribution Box Specifications And Models

3. Other common distribution boxes XL, GXL series: Low-voltage distribution cabinets,

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INDUSTRIAL PLUGS, SOCKETS & ENCLOSURES

The weatherproof seal and strength of Atlantic metal enclosures means they are suitable for use on a wide range of sites -

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Electrical Box Types & Sizes for Receptacles

Electrical Box Types & Sizes for Receptacles How to choose the proper type of electrical box when wiring electrical receptacles (wall

May 02, 2026

Types and Specifications of Industrial Plug Sockets (2026 Guide)

A simple guide to industrial plug sockets. Check the types, specifications, IP ratings (IP44/IP67), and amps (16A, 32A,

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5 Types of Electrical Boxes

Learn about the types of electrical boxes you can use for your home wiring project. From junction boxes to work

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Socket Size Basic Knowledge

How to measure socket drive sizes and socket wrench sizes? Tien-I Socket Set manufacturer provides the overall and

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What Is a Distribution Box? Types, Uses & How to Choose

A distribution box, also known as a power distribution box or electrical distribution box, is

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Final_product_book_12_curve

GSDB-4030 400x300x190 3 Phase Service Connection Distribution Box/ ABC Distribution Box 11.

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12 Types of Electrical Boxes and How to Choose

Learn about the many common types of wall and ceiling electrical boxes for switches, outlets, light fixtures, ceiling

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Selection Recommendations for Industrial Plugs,

The Anssin IPS series of industrial standard plugs, sockets, and distribution boxes feature

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NTC1-Industrial Plugs

The right two figures show a socket or connector with the PE conductor in the 6h and 9h positions respectively. This product clock

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Types of Electrical Sockets

One of the most common types of electrical sockets in the home are GFCI outlets (Ground Fault Circuit Interrupter).

Contact Us

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