

Specifications and Models of Distribution Box Clamps



Article Overview

Distribution box clamps are designed to secure cables to enclosures, with models varying by cable size, current rating, mounting style, and environmental protection.

Types and Models

1. Cable Clamps

- Designed for copper or aluminum cables, often tinned for corrosion resistance and mechanical strength .

- Connection capacity: Typically ranges from 35 to 300 mm² .

- Mounting options: Single or double bracket models for secure attachment to distribution boxes .

- Standards compliance: IEC 61439-1 and DIN 46206 for electrical safety and performance .

2. Cage Terminals

- Used for direct connection to rigid conductors without additional terminals .

- Current ratings: 160 to 630 A.

- Poles: Available in 3- and 4-pole configurations.

- Material: Tin-plated aluminum for durability and conductivity .

3. Electrical Box Clamps (for building cables)

- Suitable for NM-B (Romex) cables in dry locations .

- Features: Screw-down clamps for superior pull-out resistance, strain relief, and IP68/IP69K protection against water and high-pressure jets .

- Components: Rubber bushings and O-rings for sealing and tension relief .

4. Terminals

Article Content

Aug 01, 2025

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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Terminal Clamps for Distribution Box | nVent DATA-SOLUTIONS

Terminal Clamps for Distribution Box. nVent products shall be installed and used only as indicated in nVent's product instruction

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Clamps | McMaster-Carr

Choose from our selection of hold-down clamps, pipe, tubing, hose, and fittings, C-clamps, and more. Same and Next Day Delivery.

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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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Distribution Box

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

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Choose from our selection of electrical box clamps in a wide range of styles and sizes. Same and Next Day Delivery.

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TECHNICAL SPECIFICATION FOR LT DISTRIBUTION BOX

This specification covers design, manufacture, assembly, testing at manufacturer's works, supply and delivery at site of all terminal

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19" Distribution Box | nVent SCHROFF

Distribution box is used to house PDUs which safely distribute electricity from power source to devices in a circuit.

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Distribution box flyer

BCH Distribution Boxes BCH offers wide range of compact, aesthetically appealing & elegant distribution boxes with unique user

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Major types of electrical boxes Technical specifications

Technical specifications There are 10 major types of electrical boxes used in Canada. All these types of boxes serve specific

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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

Nov 12, 2025

Cable clamps and cage terminals

SOCOMEK power cable clamps ensure the connection of copper or aluminium cables onto power terminals or busbars. These

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Requirements And Specifications For Installation Of Distribution Boxes ...

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

May 05, 2026

Distribution Boards & Consumer Units

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

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Terminal Clamps for Distribution Box | nVent SCHROFF

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TECHNICAL SERVICES DEPARTMENT BULLETIN

Correct specification, procurement, installation, and inspection of listed fittings (connectors) or box clamps not only depend on clear

Sep 06, 2025

Terminal Clamps for Distribution Box

CERTIFICATIONS FEATURES Terminal Clamps for Distribution Box SPECIFICATIONS ...
WARNING nVent products shall be

Jun 09, 2026

STAUFF Clamps | STAUFF

Discover STAUFF clamps for secure fastening of pipes, hoses and cables. Quality according to DIN 3015 – durable, modular and

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Arlington | Online Catalog

Arlington Product Catalog Browse our wide assortment of electrical fittings and connectors, audio/video, security, and home theater

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Cable Clamps Selection Guide: Types, Features, Applications

Cable clamps are accessories for wire and cable. They are used to bundle, clip, clamp, label, guide, and protect wires and cables.

Nov 17, 2025

Power distribution blocks (PDB) for DIN rails

Phase distribution blocks (PDB) and sub-distribution blocks for potential distribution
Clamping blocks and power distribution blocks

Aug 20, 2025

Electrical Distribution Box Diagrams

This document provides a list of components in an electrical distribution box with their names and associated wiring diagrams. It

Oct 15, 2025

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

Jan 23, 2026

PCC Pole Clamp Technical Specifications

This document provides technical specifications for the manufacturing, testing, and supply of various types of clamps and insulators

Apr 14, 2026

DISTRIBUTION CONNECTORS

For distribution and light transmission construction with AAC, AAAC and ACSR conductors. The vertical spring-loaded keeper

Oct 21, 2025

Hardware & Distribution - LT HT Clamps, SMC Box, Metal Castings

Buy LT/HT Clamps, SMC Distribution Boxes, WBSEDCL RDSS LT Boxes, Brass & Aluminium Metal Castings from JK Allied

Contact Us

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