

Standard dimensions of stainless steel distribution boxes

Article Overview

Stainless steel distribution boxes typically come in multiple standard heights, widths, and depths, with sizes tailored to amperage and installation requirements.

Standard Dimensions

ABB stainless steel enclosures offer a range of standard sizes:

- Heights: 2 standard options (exact values vary by series)
 - Widths: 6 options, ranging from 400 mm to 1250 mm depending on amperage
 - Up to 2500A (3P) → 400 mm
 - Up to 4000A (3P) → 600 mm
 - Up to 4000A (4P) → 800 mm
 - Up to 6300A (4P) → 1000/1250 mm
-
- Depths: 5 standard options to accommodate different internal components and air circuit breakers . BARTEC stainless steel distribution boxes provide:
 - Heights: starting from 120 mm, with multiple increments
 - Widths and depths: 25 standard sizes, with additional customer-specific variants available
 - Material: 1.4301 (V2 A) or 1.4404 (V4 A) stainless steel
 - Configurations: empty housings or with door/cover, with or without flange plates .

Material and Protection

- Material: AISI 304 stainless steel is commonly used, offering high corrosion resistance and suitability for indoor and outdoor installations .
- Protection Ratings: IP66 (IEC EN 60529) and NEMA 4X, with mechanical impact resistance IK10 for opaque doors and IK09 for glass doors .
- Mounting Options: Floor-standing or wall-mounted, with internal mounting plates and DIN rail kits available for modular assembly .

Summary

Standard stainless steel distribution boxes are modular and versatile, with heights, widths, and depths selected based on amperage and installation needs. They are designed to meet industrial standards for corrosion resistance, mechanical protecti...

Article Content

Feb 02, 2026

NEC Reference Metallic Boxes

NEC® Reference Article 314 of the National Electrical Code® covers the installation and use of boxes. The article includes table

Oct 24, 2025

Why Stainless Steel Double-Door Distribution Boxes

Looking for a durable, corrosion-resistant electrical enclosure for harsh environments?

Sep 05, 2025

Distribution Boards & Consumer Units

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

Aug 04, 2025

Control and distribution boxes made of stainless steel Series 8150

R. STAHL Series 8150 control and distribution boxes are made of brush-finished stainless steel (1.4301, AISI 304 or 1.4404, AISI

Nov 07, 2025

Weatherproof Stainless Steel Distribution Box IP-Rated

Stainless steel distribution box for safe electrical distribution. IP-rated, lockable, corrosion-resistant and suitable for industrial

Apr 17, 2026

Stainless steel enclosures/distribution boxes/cabinets

From a housing height of 120 mm, the housings can be supplied with or without flange plates. In addition to 25 standard sizes,

Apr 02, 2026

Standard Electrical Enclosure Sizes: Chart, Dimensions & Selection ...

Electrical enclosure sizes are not universal, but most manufacturers follow common size families. This guide explains

Nov 20, 2025

Rittal JB and WM Specification Guide

Includes all standard TS8 types and sizes with common accessories—sidewalls, plinths and mounting panels.

Jan 19, 2026

ESI Junction & Terminal boxes

BARTEC stainless steel housings and distribution boxes are designed and approved for Zone 1 and 2 as

Aug 13, 2025

Characteristics of Stainless Steel Distribution Boxes

The stainless steel distribution box has five key features: Firstly, it has excellent corrosion resistance. Elements such as chromium

Sep 09, 2025

Stainless Steel Wall-mounted Distribution Box

The Wall-mounted Distribution Box is a robust solution crafted from high-quality stainless steel, providing excellent protection for

May 18, 2026

Crouse-Hinds series STB Stainless Steel or Sheet Steel ...

Available in 13 sizes with standard finishes of painted or 316L stainless steel, together with the high IP rating, make these enclosures

Mar 16, 2026

Stainless Steel Distribution Box: A Perfect Combination Of Excellent ...

Today, we will explore the superior corrosion resistance and high strength of stainless steel distribution boxes and understand how

Oct 29, 2025

Standard enclosures

Stainless steel – ASR/ADR/SRE range IP66 (single door), IP55 (double door) ingress protection / IK10 impact resistance 316L

Apr 03, 2026

190423_ESS_201175_VARNOST_EN_JS

BARTEC stainless steel housings and distribution boxes are designed and approved for Zone 1 and 2 as well as Zone 21 and 22.

Aug 21, 2025

ESI Enclosure

From a housing height of 120 mm, the housings can be supplied with or without flange plates. In addition to 25 standard sizes,

Feb 02, 2026

Stainless Steel Distribution Box Structure And Industry

In terms of structural performance specifications, the stainless steel hmi enclosure enclosure meets high

Oct 07, 2025

METAL DISTRIBUTION BOXES FOR SURFACE MOUNTING DELTA

The metal distribution boxes have wide range of application for mounting in buildings under construction or new communal objects,

Sep 28, 2025

ESI Junction & Terminal boxes

From a housing height of 120 mm, the housings can be supplied with or without flange plates. In addition to 25 standard sizes,

Feb 25, 2026

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

Distribution Boxes shall have Isolator (Switch Disconnecter) on incoming circuit and Porcelain CUTOFF fuse base disconnecter on

May 13, 2026

Data Sheet: Indoor Distribution Boxes Family

Steel Distribution Boxes Wall box designs with capacities from 100 - 1340 pairs A range of lightweight steel distribution boxes for

Sep 03, 2025

Stainless Steel Electrical Distribution Boxes,Stainless Steel Wall ...

Looking For High Quality Waterproof Power Distribution Boxes? As A Professional Indoor Stainless Steel Distribution Box

Apr 16, 2026

Stainless Steel Enclosures | Stainless Steel Electrical Boxes

Shop high-quality stainless steel enclosures for NEMA rated electrical applications. Shop a variety of stainless steel boxes and buy

Apr 05, 2026

GB-distribution box and enclosures

The GB-terminal box, both distribution box and empty enclosure, is manufactured of high impact resistance, glass-fibre reinforced

Nov 27, 2025

TECHNICAL CATALOGUE Stainless steel enclosures for automation

Now, the range is enhanced with the new AISI 304 stainless steel structures, to guarantee all sectors requiring them high standards

Nov 01, 2025

Merlin Gerin Stainless Steel Distribution Box 500×600×200mm ...

Its compact size (500×600×200mm) makes it easy to install in tight spaces, while its stainless steel construction ensures resistance

Oct 11, 2025

Stainless Steel Distribution Boxes: Low-voltage Power Distribution

Effective power distribution relies on strategic component layout and robust physical protection. A stainless steel enclosure provides

Jul 20, 2026

Standard Electrical Enclosure Sizes: Chart, Dimensions

Electrical enclosure sizes are not universal, but most manufacturers follow common size

Oct 19, 2025

Distribution box catalogue | PDF

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

Apr 03, 2026

DISTRIBUTION BOX

VIOX: Leading manufacturer of premium distribution boards and electrical panels. Custom solutions for

Contact Us

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

Website: <https://www.iiss.co.za>

Email: sales@iiss.co.za

Phone: +27 63 174 2895

Address: Unit 8, Innovation Park, 15 Rivonia Road, Sandton, Johannesburg,
2196, South Africa

This document is for informational purposes only. Specifications subject to
change without notice.

