

Distribution box specifications s12



Article Overview

The Alta Labs S12 is a 12-port SFP+ distribution switch supporting 1/2.5/5/10 Gbps per port with full Layer 2+ management and flexible installation options.

Key Specifications

- Ports: 12 SFP+ ports, supporting fiber or copper connections at 1, 2.5, 5, or 10 Gbps per port, suitable for high-capacity enterprise networks .
- Switching Capacity: 240 Gbps, ensuring high throughput for demanding applications .
- Management: Fully managed via Alta Labs Cloud for remote monitoring and configuration, or locally through Alta Control software. Supports firmware updates and real-time network visibility .
- Network Features: Advanced VLAN stacking, QoS prioritization, egress and ingress rate limiting, and 802.1X authentication for secure and efficient traffic management. IGMP snooping ensures smooth multicast streaming for video, VoIP, and surveillance .
- Installation Options: Includes rack-mount and wall-mount hardware, allowing flexible deployment in data centers, offices, or commercial sites. Bluetooth connectivity enables quick setup via the Alta Labs mobile app .
- Performance Optimization: Designed for large-scale deployments in enterprise, hospitality, education, and commercial environments, providing reliable high-bandwidth distribution and long-term stability .
- Use Cases: Ideal for backbone network distribution, high-speed site-to-site VPN connections (when paired with Alta Labs Route10 routers), and environments requiring scalable, high-performance networking

Article Content

Oct 17, 2025

TECHNICAL SPECIFICATION I.R.O. 63,100,160 & 315 KVA L.T. Distribution Box

1. SCOPE: This Specification covers the design, manufacture, testing at works and supply of Distribution Boxes made out of CRCA

Dec 18, 2025

Distribution Box

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

Apr 03, 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

Aug 23, 2025

Eaton XBoard Distribution Box

The Power of Eaton Eaton's power distribution systems are designed to be as compact and energy efficient as possible while easy

Sep 07, 2025

ABB Consumer Units & Distribution Boards

This document provides information on ABB's consumer units and distribution boards, including ordering details. It describes various

Nov 03, 2025

Alta Labs S12 | 12-Port SFP+ Distribution Switch | 1, 2.5

Featuring twelve SFP+ ports, each supporting speeds of 1/2.5/5/10 Gbps, the S12 delivers exceptional

May 16, 2026

Distribution Box Guide: Types, Components & Solutions

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

Feb 10, 2026

M12 Distribution Systems

Murrelektronik offers a versatile range of M12 distribution boxes designed to simplify wiring tasks in machines and automation

Sep 09, 2025

ABB I Sub distribution boards

Starting from compact boards for energy distribution applications up to floor standing energy supplying switchboards for huge sites of

May 18, 2026

Distribution box | PDF

This document provides specifications for various types of plastic distribution boxes, including their

Aug 12, 2025

Distribution box flyer

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

Apr 01, 2026

Passive distribution boxes provide a convenient and

M-Series - Distribution Unit Bulgin's passive distribution boxes feature industry standard M12 and M8 I/O connection ports. With a

Nov 04, 2025

Alta Labs S12 12-Port SFP+ 10 Gbps Distribution Switch

The Alta Labs S12 delivers enterprise-grade switching performance with 12 SFP+ ports capable of 1 Gbps to 10 Gbps connectivity

Sep 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

Jul 31, 2025

Alta Labs S12 12-Port SFP+ Distribution Switch

The Alta Labs S12 is a 12-port SFP+ distribution switch, designed for high-performance connectivity in enterprise, commercial, and

Jul 02, 2026

Alta Labs S12

The S12 12-Port Distribution Switch provides twelve SFP+ ports for high capacity fiber or copper connections of 1 Gbps, 2.5 Gbps, 5

Apr 03, 2026

Alta Labs S12 Datasheet

The S12 12-Port Distribution Switch provides twelve SFP+ ports for high-capacity fiber or copper connections of 1 Gbps, 2.5 Gbps, 5

Aug 19, 2025

Distribution Box Installation Specifications

Distribution Box Installation Specifications The document specifies the quantities and descriptions of distribution boxes, cables, and

Sep 15, 2025

Havells Distribution Board: Efficient Power Distribution for Electrical ...

Explore Havells Distribution Board, designed for efficient power distribution in residential, commercial, and industrial electrical

Sep 17, 2025

S-12 | Electrical box covers | Red Dot | Boxes & Commercial Fittings ...

Round Standard Lamp Holder Cover, 4-1/8 Inch Diameter, Hub Size 3/4 Inch, Silver, Aluminum, One Tapped Hole, Pack of 50. For

May 14, 2026

M12 Distribution Boxes | TTI, Inc.

Phoenix Contact M12 Distributor Boxes with Push-Pull Locking System product specifications, datasheets, buying information, and

Jan 29, 2026

Alta Labs | 12 SFP+, 10 Gbps per port, Managed Enterprise

Designed for ultimate flexibility, the S12 can be seamlessly integrated into any setup. The included versatile mounting hardware

Oct 18, 2025

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,

Jan 30, 2026

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

Dec 06, 2025

Distribution box | OBO

Protection rating IK code 16 products (16 Variants) 30 60 90 Item no. 2008840
Distribution box, 3 division units, with terminal strip,

Jan 11, 2026

Distribution Box – Astryd Power Pvt. Ltd.

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

Contact Us

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