

Complete Guide to Indoor Distribution Box Sizes and Specifications



AI Overview

Indoor distribution boxes are available in various sizes and capacities, typically made of steel with lockable doors, supporting 100 to 1340-pair modules, and conforming to IP20 protection standards. General Specifications Indoor distribution boxes are designed for indoor use and serve as connection and branching points for telecommunication or electrical systems. They are typically made of lightweight mild steel and finished in grey (RAL 7032 or RAL 7035). The boxes feature removable and lockable doors with 180-degree access, which can be hinged on either side depending on installation requirements. They are rated IP20 according to DIN 450050, providing protection against solid objects larger than 12 mm but not against water ingress. Capacities and Module Support Distribution boxes are grouped into sub-categories based on capacity:

- 510 Box: Supports 340-pair modules
- 520 Box: Supports 680-pair modules
- 530 Box: Supports 1020-pair modules
- 540 Box: Supports 1340-pair modules

These boxes are compatible with LSA-PLUS® series 2 10-pair modules and include stainless steel backmount frames to support 100-, 200-, or 400-pair modules. Jumper rings are provided for organized cable management, and some configurations allow for overvoltage protection upgrades. Dimensions and Mounting Indoor distribution boxes come in a range of length, width, and height dimensions depending on the model and number of ways (1-way to 36-ways). Standard boxes are designed for wall mounting, though mounting hardware is typically not included. The boxes are engineered to accommodate document wallets and other accessories for installation and maintenance. Additional Features Lockable doors for security Removable doors for easier installation 180-degree access for maintenance Compatibility with a wide range of LSA-PLUS® accessories Earth protec...

Article Content

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SINGLE HINGED DOOR Unique Features: • High heat distortion temperature (200°C) as per IS: 10192 • Fire retardant-Class FVø as per IS:11731 Part II or Vø as per UL94 • Non-fusing • Shock-proof & rust

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