

Indoor Distribution Box Surface Mounted Models and Specifications

Article Overview

Indoor surface-mounted distribution boxes are available in a wide range of module capacities, materials, and protection ratings, suitable for residential, commercial, and industrial applications.

Key Models and Specifications

1. Solera Arelos Surface-Mounted Distribution Boxes

- o Module Range: 2 to 56 modules
- o Material: Durable thermoplastic
- o Protection: IP40 (dust protection), IK08 (impact resistance)
- o Features: Optional smoked doors for aesthetic appeal, easy maintenance, and visible installation suitability
- o Applications: Ideal for residential and commercial indoor installations where accessibility and design are important

2. BTB Electric Metal and Plastic Distribution Boxes

- o Material: High-strength Q195 cold-rolled steel (metal) or durable plastic
- o Protection: IP30 for indoor use
- o Construction: Full metal construction with anti-corrosion treatment, reinforced structural integrity, and inner folding & crimping technology
- o Installation: Supports surface-mounted and flush-mounted methods
- o Compliance: IEC 60439-3 standard for low-voltage switchgear and controlgear assemblies

o Applications: Suitable for residential, commercial, and industrial indoor environments requiring high mechanical durability and reliable operational safety

3. Panasonic Modular Distribution Boxes

- o Module Options: 16 and 32 modules, expandable horizontally and vertically
- o Material: Flame-retardant materials for fire safety
- o Features: Transparent smoke or opaque white covers, 180° openable cover, adjustable logo and frame orientation
- o Installation: Compatible with both surface and flush mounting
- o Applications: Energy distribution, multimedia connections, and flexible modular setups in residential and commercial interiors

4. ABB Mini Center Compact Distribution Boards

- o Features: Wide choice of incomers (Switch Disconnecter, MCCB, MCB, RCCB, RCD), shrouded busbars and terminals, generous wiring space
- o Installation: Surface-mounted with easy-fit pan assembly and removable gland plates
- o Applications: Residential, commercial, and infrastructure projects requiring modular and customizable configurations

o Flexibility: Over 200 combinations available, compatible with ABB system pro M Compact protection devices and modular DIN rail components

5. MAKEL Surface Mount Distribution Boxes

- o Details: Offers a range of low-voltage surface-mounted distribution boxes suitable for indoor applications



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o Applications: Residential and commercial electrical installations with standard surface-mount requirements

Summary

Indoor surface-mounted distribution boxes vary in module capacity, material, protection rating, and design features. Thermoplastic boxes like Solera Arelos provide aesthetic options and impact resistance, while metal boxes from BTB Electric offer high durability and corrosion resistance. Modular solutions from Panasonic and ABB allow flexible expansion and integration with protection devices. Selection depends on the installation environment, required safety standards, and aesthetic preferences.

The fuse boxes of the DISBOX-T series have a protection class of IP40 and are therefore optimally suited for use in all types of

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

SINGLE HINGED DOOR Unique Features: o High heat distortion temperature (200°C) as per IS: 10192 o Fire retardant-Class FV; as

Discover Solera's Arelos surface-mounted distribution boxes, available from 2 to 56 modules, with smoked door options and durable

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

Modular Comfort in Your Living Spaces Home Products Distribution Boxes Panasonic Surface and Flush Mounted Distribution Boxes

This surface-mounted power distribution box is designed for electrical installations. It provides a safe and organized way to distribute

Distribution box wet room 1-row IP65 - surface-mounted small distributor for 4 modules / TE The Intratec 1-row moisture-proof

Engineered for versatility, it supports both flush and surface mounting options to suit various installation environments. The unit

Surface-mounted weatherproof distribution boxes - Solera Solera's weatherproof surface-mounted distribution

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boxes are specifically

EDFK-6/1 Distribution box, surface mount, smoke door, N/PE rail 1×6 modul, IP40, (H×W×D=200×148×95mm) Net9.73000 EUR

WHT ABS Surface Distribution Box with PC transparent door and DIN rail. IP65, CE & RoHS. Models from

Upgrade your indoor electrical setup with this elegant and compact 4-way distribution box, designed for

Explore All Models Visit our product page to view all Panasonic Modular Distribution Box models, available in standard and

The new compact distribution boards and wall-mounting cabinets. Smart ideas are needed in today's home installations.

Whether used in smart home projects, office buildings, retail stores, or photovoltaic power systems, the TSM surface-mounted

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