

Surface-mounted control distribution box



Article Overview

A surface-mounted control distribution box is an electrical enclosure designed to house and protect modular components, fuses, switches, and control devices, offering flexible installation and protection against dust, moisture, and mechanical impact.

Overview

Surface-mounted distribution boxes are installed directly on walls or surfaces rather than being recessed. They are widely used in residential, commercial, and industrial applications to organize and protect electrical circuits and control systems . These boxes can accommodate a range of modules, typically from 2 to 90 modules, depending on the size and configuration .

Materials and Construction

- Plastic (ABS or PC/ABS blends): Flame-retardant, corrosion-resistant, anti-static, and lightweight, suitable for indoor and outdoor use .
- Galvanized steel: Provides mechanical strength, corrosion resistance, and durability, often coated with polyester powder for extra protection .
- Doors can be transparent or opaque, with options for smoked or colored finishes, allowing visual inspection of internal components without opening the box .
- Hinges may be on one or both sides, and lockable doors enhance safety .

Protection Ratings...

Article Content

Dec 17, 2025

Configure surface-mounted distribution box now

In this way, you can design a tailor-made surface-mounted distribution box for every area of application

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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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Electrical Distribution Boxes for Power Distribution

Electrical distribution boxes for modular power distribution and installation. Flexible distribution solutions for

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SURFACE-MOUNTED DISTRIBUTION BOX DISBOX-DA

The surface-mounted distribution boxes of the DISBOX-DA series are produced in 6 different sizes. For the three smaller sizes (2-5

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Surface Mounted Distribution Box

Surface Mounted Distribution Box is suitable for distribution control of modern buildings, such as large

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Surface Mount IP65 Outdoor Dustproof Electrical Distribution Control ...

Surface Mount IP65 Outdoor Dustproof Electrical Distribution Control Panel Board, Find Details and Price about Cabinet Enclosure

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External Distribution Boxes, 150 x 150 x 80 mm, Steel Control Box ...

Do you have a problem with unsightly protruding cables or controls exposed to accidental mechanical damage? The Stalflex metal

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Surface mounted distribution box

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

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Surface Mounted Metal Distribution Boards | Solera

Steelbox surface-mounted metal distribution boards ensure safety and reliability for electrical applications. Models from 72 to 198

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Surface-mounting enclosures | Gewiss

Wall-mounted junction casings System of enclosures for wall-mount systems and applications in industrial, commercial and

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Junction Box, 15 Sizes Selection Box, Waterproof IP65 Junction Box,

Easy to install --- Surface mounted underground control box for control cabinets. The installation plate of the product is dismountable,

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DISBOX-F surface mounted distribution box damp room | Boxexperts

The fuse boxes of the DISBOX-F series have an IP65 protection rating and are therefore ideally suited for use in damp rooms. The

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Surface-mounted electrical power panels | boxes

Surface-mounted electrical panels are specifically designed for wall installation, providing a convenient and practical solution for

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Global Surface Mounted Distribution Box Market Size, Share, Growth ...

Outlook By Size and Forecast The surface mounted distribution box market is positioned at a pivotal juncture, with its

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Surface-mount Electrical Boxes at Lowes

Find Surface-mount electrical boxes at Lowe's today. Shop electrical boxes and a variety of electrical

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SURFACE-MOUNTED DISTRIBUTION BOX DISBOX-DA

In our fuse and distribution boxes of all series, we provide clear labelling of all module mounting positions and also of the associated

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Ex Local Control Stations & Distribution Boxes · Atex

Control devices and control units are assembled clearly in control stations. Every control stations is

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ABB I Sub distribution boards

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

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Surface Distribution Sealed Boxes | Solera

Surface-mounted weatherproof distribution boxes – Solera Solera's weatherproof surface-mounted distribution boxes are specifically

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Electrical Control Box Sizes & Layout: Practical Guide

The suggested dimensions and internal structural layout of electrical control boxes are essential for ideal performance and safety.

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Surface-Mounted Control Cabinet, Fuse Box, Distribution Box

Switch box, outdoor distribution box for lighting, routers, cameras, solar panels, irrigation and power supply etc. Surface-mounted

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Surface mounted distribution box, IP 65 – Distribution box ...

EDFKIP65N81 Distribution box, surface mount, transparent door, N/PE rail 1×8 mod, H×W×D=209×215×98mm, IP65, 1000 VAC,

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Modular distribution cabinet | box | 90 modules

Modular distribution cabinet – a high-quality electrical distribution box designed for the installation of

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Surface Mount Enclosures

Browse surface mount enclosures built for neat, reliable electrical installations. Explore sizes, styles, and options to suit your project.

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Surface Breaker Boxes at Lowes

Shop Breaker Boxes at Lowe's Breaker boxes are central components of electrical systems and help distribute power and manage

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Surface Distribution Sealed Boxes | Solera

Thanks to their compact dimensions and durable materials, these distribution boxes are suitable for both new projects and upgrades.

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Ex Local Control Stations & Distribution Boxes · Atex Delvalle

Atex control stations, explosion protected control units and distribution boxes made stainless steel maritime grade AISI 316L or AISI

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Surface Mount Electrical Boxes & Wall Mount

Surface mount boxes are available in a wide variety of sizes and styles for wall mount electrical or

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Electrical Control Panels & Distribution Boxes: Sizes, Types, and ...

Learn about control panels, breaker boxes, junction boxes, and custom enclosures. Explore standard panel sizes,

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SURFACE-MOUNTED MULTIMEDIA DISTRIBUTOR DISBOX-XA

SURFACE-MOUNTED MULTIMEDIA DISTRIBUTION BOX WITH CONVINCING DETAILS The communication distributors of the

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Panasonic Modular Distribution Boxes

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

Contact Us

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

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