

Distribution box surface-mounted double-layer



Article Overview

A surface-mounted double-layer distribution box is a modular enclosure designed for safe, organized electrical or low-voltage installations, offering flexibility, easy access, and protection in various environments.

Overview

A surface-mounted double-layer distribution box is an enclosure installed directly on walls or flat surfaces, providing two layers or compartments for organizing electrical circuits, fuses, or low-voltage connections. These boxes are commonly used in residential, commercial, and industrial settings to separate power distribution from control or multimedia connections, ensuring safety and accessibility .

Key Features

- **Modular Design:** Many boxes allow integration of DIN rail-mounted modules, with options for 12TE or more per rail, and horizontal or vertical expandability .
- **Material Options:** Typically made from polycarbonate (PC) or acrylonitrile butadiene styrene (ABS), providing durability and flame resistance .
- **Door Options:** Available with transparent or opaque doors, sometimes with hinges on both sides, allowing quick visual inspection of components without opening the box .
- **Protection Ratings:** Standard IP30 or IP40 for dry environments, with IP65 options for damp or wet rooms, achieved through injected rubber seals

Article Content

Apr 12, 2026

Surface mounted distribution box – Distribution box – Distribution ...

EDFKN-12/2 Distribution box, surface mount, white door, N/PE rail 2×12 (24) modul, IP40, (H×W×D=325×270×98mm) Net33.98684

Nov 17, 2025

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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Surface Mount & Zone Boxes

CommScope's UL-rated surface mount boxes offer versatile connectivity for copper and fiber. Easy installation, multiple outlets, and

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Surface mounted distribution box

EDFK-8/1 Distribution box, surface mount, smoke door, N/PE rail 1×8 modul, IP40, (H×W×D=200×184×95mm) Net12.40000 EUR

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Distribution Boxes, Switch Outlets and Accessories-Archiv

Distribution Boxes, Switch Outlets and Accessories Our products range includes simple flush-mounted switch boxes to surface

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Modular Surface Mounted Distribution Boxes

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

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Leviton Surface Mount Backbox, Dual Gang, 1.89", 42777-2EA, Black

Leviton QuickPort housings, such as wall plates, MOS housings and modular furniture faceplates, can be configured with a custom

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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

Sep 06, 2025

Distribution board

A distribution board (also known as panelboard, circuit breaker panel, breaker panel, circuit breaker, electric panel, fuse box or DB

Sep 22, 2025

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

EDFKIP65N122 Distribution box, surface mount, transparent door, N/PE rail 2×12 mod, H×W×D=420×323.5×139.5mm, IP65,1000

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Amazon : Power Distribution Box

Browse power distribution boxes with circuit breaker protection and multiple outlet configurations. Shop durable solutions for

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ABB | 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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Distribution Boxes

The Distribution Box Series, which offers aesthetic solutions with distinguished design and also provides safe insulation, is waiting to

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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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Standard Surface Mounted Distribution Boxes

Distribution Box 1& 2 Surface Mounted Halogen Free (White Cover) Distribution Box 2 Surface Mounted Halogen Free (White Cover)

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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 products online at Lowes .

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Clopal Distribution Box | 2 to 4 Ways | Surface Mounted | Circuit ...

Clopal brings you a premium quality Distribution Box designed for modern indoor electrical setups — ideal for homes, offices, and

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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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Surface Mount Junction Box for AV and Network Applications | Eaton

Complete multiple Cat5e/6/6a, USB, HDMI, DisplayPort and RCA in-wall connections with this TAA-approved surface

Jan 28, 2026

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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Double-Door Surface-Mount Distribution Enclosure Range

Double-Door Surface-Mount Distribution Enclosure Range These larger enclosures allow maximum space for ease of installation. Up

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Surface Thermoplastic Distribution Boxes: Classic Series | Solera

Solera's Classic Series boxes offer surface-mounted distribution solutions in multiple sizes, combining durability, reliability and safety.

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Surface Mount & Zone Boxes

A CommScope surface mount box provides a reliable solution for organizing and securing your network connections.

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Panasonic Modular Distribution Boxes

Visit our product page to view all Panasonic Modular Distribution Box models, available in standard and multimedia options, suitable

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Arelos Surface electrical Distribution Boxes | Solera

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

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Amazon .uk: Double Surface Box

Axiom Surface Mounted Back Box 25mm Wall Pattress Double 2 Gang Electrical Socket, White (5) 4.3 (210) 100+ bought in past

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Leviton Surface Mount Backbox, Dual Gang, 1.45 Inches, 42777

Surface Mount Back box, dual Gang, White, Box Depth Is 1.45 Inches. From the Manufacturer Leviton's extensive line of snap-in

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DB2 Datasheet & Manual | CHINT global

DB2 offers surface - and flush - mounted enclosures. Interior MCBs meet relevant IEC standards and 9mm

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Amazon : Surface Mount Electrical Outlet Box

Upgrade to surface mount electrical boxes for a sleek, modern look. Browse fire-retardant plastic designs with raceway compatibility

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Surface Mount Box 2-Gang -

Surface Mount Box 2-Gang Categories: > Mounts & Boxes These simple surface boxes provide mounting for a 2-gang wall plate

Jan 22, 2026

Distribution Box

Distribution Box Brand Name: JUNON Series: V20 Series Sizes: 5U, 7U, 9U Installation: Flush Mounted (In-Wall Installation)

Contact Us

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