

# Dimensions of an 8-way surface-mounted electrical box



## Overview

These are the standard-sized boxes used for mounting single electrical devices such as light switches or outlets in US homes. Their approximate dimensions are 4 inches tall by 2 inches wide, with depths commonly ranging from 1-1/2" to 3-1/2". This guide explains typical wall-mount and floor-standing dimensions, how to read catalog sizes, and how to choose the right enclosure size for your layout. Want to view stock information?

Don't have an account?

Within electrical installations regulated by NEC and UL standards, the terminology surrounding junction boxes extends well beyond simple measurements of length and width. Choosing the proper enclosure requires fluency in the language of gangs, physical footprint, and—most importantly—internal. E = Distance between end of panel and interior mounting studs. E = Distance between end of panel and interior. The VBM810SM is an IP20-rated 8-10 Way Surface Mount distribution board, with a compact 1-row height, it can accommodate up to 10 individual 18mm modules, providing an efficient and reliable electrical distribution solution for your space. Crafted from high-quality, powder-coated iron, the durable.

## Article Content

### 3 Phase Meter Boxes

**LARGE 3 PHASE SURFACE MOUNTED ELECTRIC METER BOX** The Surface Mounted 3 Phase Electric Meter Box is supplied with hinges, timber backboard,

### Electrical Box Size & Dimensions Guide | Chart, Depth & Volume

Complete guide to electrical box sizes and dimensions. Includes size charts, depth comparison, volume calculation and industrial metal electrical box selection tips.

### Surface Mounted Electrical Distribution Box 8-10 Ways,

A premium 8-10 way surface-mounted electrical distribution box for indoor use. Its fire-retardant, shock-resistant design ensures safe and organized power

### Standard Electrical Enclosure Sizes: Chart, Dimensions & Selection ...

Electrical enclosure sizes are not universal, but most manufacturers follow common size families. This guide explains typical wall-mount and floor-standing dimensions, how to read catalog

### Electric Meter Box - Surface Mounted Housing

Our large surface mounted electrical meter box is fully UK approved. This box can be used with single phase domestic electricity meters. This meter box comes

### Tricel Large 3 Phase Surface Mounted Electric Meter Box

Surface Mounted 3 Phase Electric Meter Box supplied with hinges, lock and key. Dimensions Height: 797mm Width: 567mm Depth: 185mm Specifications Large

### Chint surface-mounted distribution box PZ30/8-way

The Chint surface-mounted distribution box PZ30/8-way, with its flexible loop design and safety protection performance, is suitable for multiple scenarios. The specific application scenarios and

### 2026 NEC Electrical Junction Box Sizes Guide:

Always consult the manufacturer's specifications for exact dimensions and, crucially, calculate the required box volume based on the

### Ultimate Guide to Electrical Junction Box Dimensions

Explore NEC-based standards, box dimensions, material guidelines, and installation precision in this complete electrical junction box selection and

### Electrical Box Dimensions: Find the Right Size for Any

Learn standard electrical box dimensions for outlets, switches, and junction boxes. Compare sizes, depths, volume, and clearance for safe

#### A1 LED 8 Module Surface Wall Mounted Electrical

Premium 8-Module Wall-Mounted Electrical Switchboard – Durable, Stylish, and Ready to Install Upgrade your home or office with this 8-Module Surface Wall

#### 8 Way Unpopulated DB Box Surface Mount PVC

Our 8 Way Unpopulated DB Box is a surface mount distribution box designed to provide a secure and organized solution for electrical connections. This box is made of durable PVC material, ensuring

#### NHP Loadcentre Weatherproof 8 Way DIN-T Surface

Dimensions Width in number of modular spacings 8 Height 250 mm Width 232 mm Depth 155 mm

#### Amazon : Surface Mount Electrical Box: Tools & Home Improvement

1-24 of over 2,000 results for "surface mount electrical box" Results Check each product page for other buying options.

#### CoverSA

Clear detailed description of each size and easy to select with the ordering codes. Box with four studs and adjustable nuts for easy fit / easy remove of pan assembly. Generous wiring space. Easy fit of

#### Electrical Box Dimensions: Find the Right Size for Any

This guide explains standard electrical box dimensions by type, compares common sizes, and helps you select the right box for residential,

#### 8-10 Way Surface Mount DB Board | MajorTech

The VBM810SM is an IP20-rated 8-10 Way Surface Mount distribution board, with a compact 1-row height, it can accommodate up to 10 individual 18mm modules,

#### Socket Outlets – Fitting Surface Mounted Box

When fitting a socket outlet or power point, a backing box or pattress is fixed in place to house the socket and the wiring connections behind. Back boxes for

#### Timloc Surface Mounted Electrical Meter Box 30012

Surface mounted electric meter boxes by Timloc are designed to house UK standard domestic electric meters, including prepay and smart. Overall

#### Electrical Enclosure Box Sizes and Selection Tips

Explore standard electrical enclosure box sizes, learn how IP ratings and materials affect design, and calculate the right dimensions for your project.

#### Dimensions for Standard NEMA Type 1 Enclosures

12.8 325 73 1854 22.5 572 48 1219 22.9 582 16.96 431 12.8 325 91 2311 40.5 1029  
66 1676 28.9 734 16.96 431 12.8 325 H = Box height for surface mount panel A =  
Circuit breaker mounting space (x2)

#### Wylex NHTN08L 8-Way 125A Surface 3P+N Distribution Board

Buy Wylex NHTN08L 8-Way 125A Surface 3P+N Distribution Board from Falcon Electrical UK a leading electrical wholesaler

#### IP41 & IP65 DISTRIBUTION BOARDS FLUSH & SURFACE MOUNTING

IP65 Weatherproof 4 way surface distribution board fitted with a DTS-16C20A time switch. Switching contact: 1 changeover switch, Contact Rating: Resistive Load: 20A 250VAC, Inductive Load: 4A

#### Major types of electrical boxes Technical specifications

Technical specifications There are 10 major types of electrical boxes used in Canada. All these types of boxes serve specific purposes and are offered with various features / characteristics.

#### Mitras 3-Phase Surface Mounted Electric Meter Box

Specifically designed to house a 3-phase meter installation, the large surface-mounted electric meter box is manufactured to ESI Standard 12-3 for external

## Contact Us

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