

# Dimensions of a Secondary Distribution Box in an Office



## Article Overview

Secondary Distribution Boxes (SDBs) for office use typically range from 300 mm to 600 mm in height, 200 mm to 400 mm in width, and 100 mm to 250 mm in depth, depending on the number of circuits and modular configuration.

### Typical Dimensions and Configurations

Secondary Distribution Boxes are designed to receive power from the main distribution board and distribute it to branch circuits within an office. Common wall-mounted SDBs for commercial offices usually have dimensions approximately:

- Height: 300–600 mm
- Width: 200–400 mm
- Depth: 100–250 mm These dimensions vary based on the number of ways (slots for circuit breakers) and whether the box is modular or pre-wired . Floor-standing SDBs may be larger to accommodate higher amperage or more circuits.

### Construction and Features

- Material: Typically powder-coated steel or sheet metal for durability and fire resistance .
- Mounting: Wall-mounted or floor-standing, with DIN rails for circuit breakers and generous wiring space behind the rails .
- Protection: IP44 to IP55 ratings are common for dust and water protection in offic...

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