

Chilean Lighting Distribution Box Dimensions



AI Overview

Typical lighting distribution boxes in Chile range from compact 1-way units to larger 36-way units, with dimensions varying by model and mounting type.

Standard Dimensions and Types

Residential and small commercial boxes often follow the YCX6 or C6 series specifications:

- Material: Plastic cover with metal box or fully plastic for indoor use .
- Mounting: Flush-mounted (inside wall) or surface-mounted (on wall surface), .
- Voltage and Current Ratings: Nominal voltage up to 380V AC, total input load up to 125A, with short-circuit protection devices rated up to 63A . Dimensions vary depending on the number of ways (circuits) and model:
- Small units (1–6 ways): Approx. 200–300 mm height, 150–250 mm width, 80–120 mm depth .
- Medium units (8–12 ways): Approx. 300–400 mm height, 250–350 mm width, 100–150 mm depth .
- Large units (up to 36 ways): Can reach 600–800 mm height, 400–600 mm width, 150–200 mm depth . Cable entry and exit: Holes are designed to accommodate cables up to $3 \times 25 + 54.6 \text{ mm}^2$ for outgoing circuits and $3 \times 35 + 54.6 \text{ mm}^2$ for incoming circuits, with PVC or rubber grommets for protection . Additional Features:
- Doors open at least 120° with spring lock systems .
- Internal bus bars and neutral/earth copper bars are included for proper distributio...

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