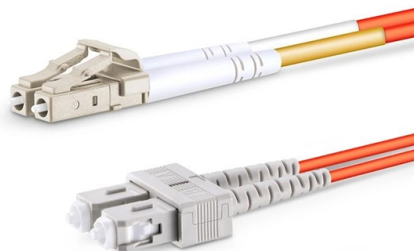


# Installation Process of Lighting Distribution Boxes in Chile



## Article Overview

The installation of lighting distribution boxes involves careful site preparation, secure mounting, proper wiring, safety compliance, and thorough pre-commissioning checks to ensure reliable operation.

### Site Preparation and Material Inspection

Before installation, all materials, including the distribution box, circuit breakers, and accessories, must be inspected for compliance with approved specifications and submittals. Any damaged or non-compliant materials should be removed from the site immediately. The installation area should be checked for proper dimensions, plastering level, and finished floor level to ensure alignment with project drawings and specifications. Safety induction and training must be provided to all personnel, and personal protective equipment (PPE) should be worn at all times.

### Mounting the Distribution Box

- **Positioning:** Choose a location that is accessible, away from water, flammable, or corrosive substances, and close to the main power supply for easy connection.
- **Fixing:** Place the distribution box on the installation surface, align expansion bolts, and tighten screws to ensure stability without inclination or looseness.
- **Protection:** Protect the enclosure from construction debris and plastering during ongoing site work.

### Wiring and Circuit Connections



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Installation process of distribution box

2. The wall mounted distribution box can be fixed on the wall with expansion bolts, but the dovetail bolts shall be embedded in the

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Continuity of the duct, screen or strip must be ensured at junction or distribution boxes. The link ensuring this continuity must be

Key Points Of Installation And Collocation Of Distribution Box In ...

If they are combined in the same distribution box, power and lighting lines should be set separately. 7. The wire inlets and outlets in

How to determine the size, installation method and wiring mode of ...

(1) Wiring method of distribution box 1) Generally, the incoming line of power distribution box adopts five wire system, that is, a, B

klik kli

Lighting Distribution System With the klik connector system luminaires can be plugged in, in seconds, with absolute safety, and

## Contact Us

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