

Installation of Hole-less Double-Layer Distribution Box



AI Overview

Proper installation of a hole-less double-layer distribution box ensures safety, reliability, and compliance with electrical standards.

Site Selection and Preparation

Choose a dry, accessible location with good ventilation, away from water, corrosive substances, and flammable materials. The installation height is typically around 1.5 meters for easy access and maintenance. Ensure the ground or mounting surface is level and capable of supporting the box's weight. For outdoor installations, select a box with an appropriate IP rating (e.g., IP66 or higher) to protect against dust and water ingress.

Mounting the Box

Secure the distribution box using mechanical anchors or mounting brackets according to the manufacturer's specifications. For double-layer boxes, ensure both layers are properly aligned and supported. Use high-quality connectors for cable entry points to reduce failure risks and maintain ingress protection. If the box is modular, verify that inter-layer connections are tight and insulated.

Wiring and Internal Layout

- Wire Preparation: Strip insulation to the correct length and use the proper wire ga...

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Easy installations: Ready for wall mount or pole Adapter slots used – No screws and tools needed for installing adapters. esigned

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Installation process of distribution box

3. The distribution box shall be embedded in the installation, and the panel after installation shall be flat with the wall. 4. After the

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