

Height of the bottom of the distribution box from the ground



Overview

The bottom edge of the distribution box is usually between 1.8 meters above the ground, which is convenient for operation and inspection. Avoid installing in a humid and corrosive environment to prevent equipment damage. Select a well-ventilated and dry place to avoid poor heat dissipation causing equipment. Distribution boxes shall be made of non-combustible materials; open distribution boards may be installed in production places and offices with low electric shock risk; enclosed cabinets shall be installed in processing workshops, foundries, forging, heat treatment, boiler rooms, woodworking houses. The distribution box is also called the power distribution unit, which can safely distribute power to other devices in the circuit. It usually contains an input terminal and multiple output terminals, and multiple devices can be connected to the distro rather than directly connected to the power. Household distribution boxes can be installed on the ground or on the wall. According to the "Code for Acceptance of Construction Quality of Building Electrical Engineering" GB50303-2002, the vertical distance between the bottom surface of the fixed stainless steel enclosure ip67 and the ground should be greater than 1.



Article Content

How to Improve the Installation Quality of Distribution Boxes

According to standards, the height from the bottom edge of a distribution box to the floor is generally 1.5m, and for distribution boards, it should not be less than 1.8m.

Power dsitribution box installation standard | Anssin

When installed, its bottom is generally 1.5 m from the ground; during the exposed installation, the bottom is 1.2 m from the ground, and from the bottom of the watt hour meter plate to ...

What is the installation height of distribution box?

The height of the bottom of the box should not be less than 1.0m from the ground, and measures should be taken to prevent climbing. All the distribution boxes should be good protected ...

Installation requirements for distribution boxes

The bottom of the board (box) installed on the ground should be 5-10 mm higher than the ground; the center height of the operating handle is generally 1.2-1.5 m; there are no obstacles in the ...

Requirements And Specifications For Installation Of Distribution Boxes ...

The bottom edge of the distribution box is usually between 1.5 meters and 1.8 meters above the ground, which is convenient for operation and inspection. The fixing method should be firm ...

Electrical Box Heights | Information by Electrical Professionals for ...

Are these the proper heights for electrical boxes? If someone is wiring a new house from scratch, would these be the proper heights off the floor for...

NEC Requirements for Panelboards and Load Centers

A panelboard with a height of 5 feet, 6 inches is mounted 18 inches above the floor. This brings the total height of the top of the panelboard to 7 feet (84 inches) from the floor.

§2584.7. Portable Distribution and Termination Boxes.

Where installed outdoors, the box shall be of weatherproof construction and mounted so that the bottom of the enclosure is not less than 6 in. (152 mm) above the ground;

Installation Height And Location Selection Requirements For Ground ...

The bottom surface of the mobile stainless steel irrigation controller enclosure should be more than 0.6 meters and less than 1.5 meters above the ground.

Matters needing attention in the installation of distribution box!

The bottom of the floor mounted cabinet (box) should be 50 ~ 100 mm higher than the ground; The center height of the operating handle is generally 1.2-1.5m; There are no obstacles within the range ...

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