

# Distance between the distribution box and the construction machinery



## Overview

Distribution box and switch box should not exceed 30 meters. However, we will advise on issues such as electrical safety clearances and the location of towers and cables. We also work with developers to minimise the impact of any National Regulations (ESQCR) 2002. A site power distribution board is usually an electrical distribution box equipped with various sockets to provide power for. Low-voltage distribution lines refer to the circuits that, through a distribution transformer, step down the high voltage of 10 kV to the 380/220 V level—i.e., the low-voltage lines running from the substation to the end-use equipment. Low-voltage distribution lines should be considered during the. Before beginning equipment operations, the employer must: Identify the work zone by either: Demarcating boundaries (such as with flags, or a device such as a range limit device or range control warning device) and prohibiting the operator from operating the equipment past those boundaries, or. The power distribution system at the construction site shall be distributed in different levels.



## Article Content

May 23, 2026

Power line safety (up to 350 kV)--equipment operations.

Determine the line's voltage and the minimum approach distance permitted under Table A (see § 1926.1408).

May 06, 2026

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

The wire inlets and outlets in the distribution box and switch box shall be set at the lower bottom of the box. It is strictly prohibited to set them at the top, side, back or door of the box.

Oct 21, 2025

Requirements for distribution box at construction site

1□ The manufacture and installation of distribution box and switch box shall meet the following requirements: 1. The distribution box shall be made of iron plate or other fire-proof insulating

Sep 14, 2025

Kinds Of Safe Distance For Electric Power Construction

Safe distance of construction machinery operation The normal operation range of construction machinery such as crane, aerial vehicle and forklift, and the safety distance between

Feb 20, 2026

Detailed introduction of safety requirements for distribution box

Safety control requirements for distribution box: 1. The low-voltage power supply system at the construction site shall be equipped with a general distribution box, a distribution box and a

Feb 14, 2026

Low-Voltage Distribution Lines and Power Distribution

Guidelines for safe low-voltage power distribution on construction sites: wiring methods, clearance rules, and mobile/fixed distribution boards.

Jan 02, 2026

Avoiding danger from overhead power lines

For example, consider whether someone may need to stand on top of a machine or scaffold platform and lift a long item above their head, or if the combined height of a load on a low lorry breaches the

May 15, 2026

#### Low-Voltage Distribution Lines and Power Distribution

The distance between two poles is approximately 30–40 meters within factory yards and can reach 40–50 meters in open areas. The spacing between conductors is

Nov 28, 2025

#### Installation requirements for distribution boxes

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

Feb 10, 2026

How many distance from ground when install distribution box ...

The horizontal distance between switchbox and fixed electrical equipment should not exceed 3m. Generally, distribution boxes can be divided into three levels of secondary protection,

Jul 08, 2025

#### Technical Guidance Note 287

Impressed voltage the high-voltage equipment. These impressed voltages are caused by inductive or capacitive coupling between the high-voltage equipment and nearby conducting materials and can

Feb 12, 2026

#### MEP Spacing Rules | Homemicro .uk

Spatially coordinating plant and equipment, together with main vertical and horizontal distribution routes, including correct installation invert levels, should be

Feb 17, 2026

#### High-Voltage Electrical Safety

This is the minimum distance from overhead energized high-voltage lines that non-qualified workers and their materials, equipment, and machinery

Jan 19, 2026

#### Understanding Septic Tank to Distribution Box Distance

The distribution box serves as a crucial junction point, directing effluent from the septic tank to various drain field lines. Understanding the appropriate distance between these two

May 28, 2026

#### Requirements And Specifications For Installation Of

In flammable and explosive environments, explosion-proof distribution boxes should be selected and explosion-proof treatment should be carried out.

Mar 27, 2026

#### Cable Distribution Box Layout: 10 Industrial Strategies

Optimize your cable distribution box layout for safety and efficiency. Learn industrial best practices using Chuanli's IEC-standard outdoor and custom boxes.

May 23, 2026

#### Ensuring Safety Near Construction Equipment: Top

Discover crucial guidelines for ensuring safety around construction equipment in this informative article. From wearing proper Personal Protective Equipment (PPE) to

Apr 22, 2026

#### How to Install a Cable Distribution Box Safely and

In modern electrical systems, cable distribution boxes (also known as electrical distribution boxes or distribution boxes) play a crucial role as the key

Nov 24, 2025

#### Kinds Of Safe Distance For Electric Power Construction

The vertical distance between the temporary warehouse and the power line conductor shall not be less than the provisions in Table 9 under the maximum calculated sag of the conductor.

Nov 01, 2025

#### Cautions and Requirements for Installation of

8. After installation, the residue in the distribution box should be cleaned up. When the distribution box is installed and constructed, some safety operation items

Dec 08, 2025

Site distribution box: "specific location, need specific you"

The power distribution system of the construction site is classified into three levels, and the main distribution board (or distribution room) is set. The switch box is set

Mar 04, 2026

#### Electrical Safety Standards for LV/MV/HV (Part-1)

Electrical safety standards for LV/MV/HV includes water safely clearance on electrical fires, minimum approach distance for authorized and ordinary

Apr 03, 2026

#### How to determine the size, installation method and

The distance between distribution box and switch box shall not exceed 30m. The horizontal distance between the switch box and the fixed electrical equipment

Jul 03, 2025

#### General guide for working in the vicinity of overhead and underground ...

Where as a result of the work being done, the distance between the overhead electric line and the ground may decrease. For example, when constructing a road or levee bank beneath overhead

Nov 29, 2025

#### Optimal Distance Between Distribution Box and Septic Tank

The distance between the distribution box and the septic tank is not merely a matter of convenience; it has significant implications for the system's efficiency and longevity. If the distribution

Mar 09, 2026

#### Power supply on the construction site

One of the most important factors is the length of the cable, which varies depending on the distance between the power source and the equipment to be powered. In addition, it is important to consider

Jun 26, 2026

#### How many distance from ground when install distribution box ...

The total distribution box and switch box should be equipped with leakage protector, and the distance between distribution box and switch box, switch box and electrical equipment should

## Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.elagage-lorrain.fr>

Email: [sales@elagage-lorrain.fr](mailto:sales@elagage-lorrain.fr)

Phone: +33 6 47 82 19 35

Address: 15 Rue de la République, 69002 Lyon, France

This document is for informational purposes only. Specifications subject to change without notice.

