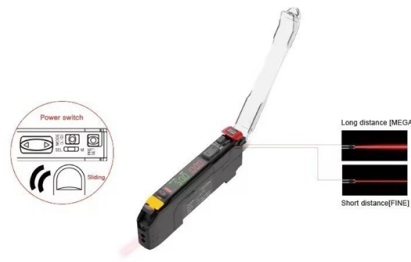


Installation Location of Outdoor Distribution Box



Article Overview

Install an outdoor distribution box in a dry, ventilated, and easily accessible location, at least 3 feet above the ground, away from water, heat, and corrosive environments, with proper protective enclosures.

Location and Environmental Considerations

- Dry and ventilated area: Choose a location that avoids moisture, water splashes, and high humidity to prevent insulation aging and short circuits .
- Away from heat sources: Keep the box away from direct sunlight, hot equipment, or other high-temperature sources to prevent overheating of internal components .
- Safe from physical damage: Avoid areas with heavy foot traffic, vehicles, or potential impact hazards to reduce the risk of accidents .
- Corrosion protection: If the environment is corrosive or exposed to rain, select a box with a high IP or NEMA rating (e.g., IP66 or NEMA 4) and consider additional waterproofing measures like rain covers .

Height and Accessibility

- Recommended height: Mount the box at least 3 feet (0.9 meters) above the ground to protect it from water, dirt, and minor flooding .
- Maintenance access: Ensure the box is easily reachable for inspection, maintenance, and emergency operations. Wall-mounted boxes are typically installed between 4.5 to 5.5 feet (1.4 to 1.7 meters) for convenient access .

Article Content

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9) The wood brick and iron parts needed for the installation of the distribution board need to be buried in advance, and the exposed

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