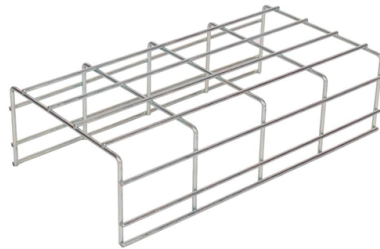


## Elevator distribution box not grounded



### Overview

Metal boxes and receptacles are grounded by the pigtail method or with a grounding clip. Plastic boxes do not need ground wires, but receptacles do.

### Key Takeaways

28 (Box Materials): Metal boxes (like your cabinet) must be reliably grounded and bonded, period. 26 (Clearance Requirements): Ensures workers can safely access equipment doors without obstructions—no cramming wires around hinges! NEC 314. It involves connecting electrical equipment and components to the earth to ensure any fault currents are safely dissipated. This article will explore some common problems of distribution boxes in depth, in order to provide reference. A key concept to understand is “isolated ground. Conduit is not recommended for grounding to earth since can be changed outside the elevator machine room on its way to a proper earth ground. Grounding of the units: Attach a ground wire from one of. Effective Ground-Fault Current Path: An intentionally constructed, permanent, low-impedance electrically conductive path designed and intended to carry current under ground-fault conditions from the point of a ground fault on a wiring system to the electrical supply source and that facilitates the.



## Article Content

### How & Why to Ground Wiring

Metal boxes and receptacles are grounded by the pigtail method or with a grounding clip. Plastic boxes do not need ground wires, but receptacles do. Fixtures are grounded by connecting a

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

