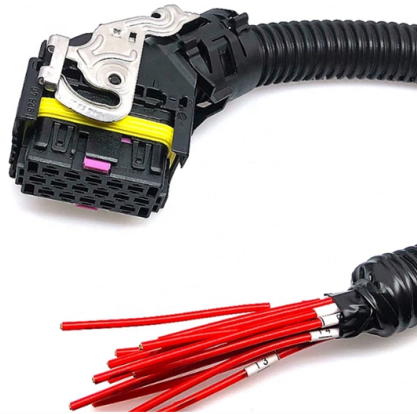


# What needs to be checked daily for the distribution box



## Article Overview

Yes, distribution boxes should be checked daily to ensure safe and reliable operation and to promptly identify any abnormalities.

### Importance of Daily Checks

Daily inspections of distribution boxes are crucial for maintaining the normal operation of electrical systems. Routine checks help detect loose connections, overheating, dust accumulation, moisture, or signs of rodent damage, which can prevent potential hazards such as short circuits or equipment failure . Regular monitoring also allows maintenance personnel to record operational data, track trends, and plan preventive maintenance effectively .

### Key Daily Inspection Tasks

- **Visual Inspection:** Examine the exterior and interior for burn marks, discoloration, cracks, dents, rust, or damaged seals . Check that doors, locks, and ventilation are functioning properly .
- **Component Check:** Inspect circuit breakers, terminals, fuses, relays, and indicator lights for proper operation and signs of wear or overheating .
- **Cleaning:** Remove dust and debris from the box, busbars, and electrical components using a dry brush or vacuum. Ensure the box is dry before closing .
- **Mechanical Checks:** Verify that bolted connections are tight and that support structures and alignment are intact .
- **Safety Measures:** Always wear insulating gloves, boots, and protective gear. Avoid...

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