

What does AL mean in the electrical distribution box



AL Overview

"AL" commonly refers to a lighting distribution box or an alarm/trip indicator contact in electrical systems.

Lighting Distribution Box In many electrical schematics and labeling conventions, AL stands for a lighting distribution box, which is a panel or enclosure that distributes electrical power specifically to lighting circuits within a building or facility. This type of box helps organize and protect the wiring for multiple lighting circuits, ensuring safe and efficient power distribution to lights and related devices.

Circuit Breaker Indicator Contact In the context of circuit breakers, particularly with devices like the Easypact EZC series, AL can also denote an alarm or trip indicator contact. This contact provides remote status information, signaling that the circuit breaker has tripped due to an overload, short-circuit, or earth-leakage fault. The AL contact returns to a de-energized state once the breaker is reset, allowing for monitoring and integration with control or alarm systems.

Summary

- AL as a distribution box: Organizes and distributes power to lighting circuits.
- AL as an indicator contact: Signals a tripped breaker or alarm condition for remote monitoring.

Understanding the context—whether referring to a physical distribution panel or a circuit breaker contact—is essential for correctly interpreting "AL" in electrical diagrams or on equipment labels.

Article Content

What is an AX and AL contact of easypact EZC?

AX and AL contact is an indicator contact of easypact EZC 100-250AF. Indication contacts Provide remote circuit breaker status information. They can be used for indications, electrical locking,

CCB-AL | Electrical box covers | Red Dot | Boxes & Commercial

Catalog No. : CCB-AL Description: UPC: Single Gang Weatherproof Receptacle Cover, Material Aluminum, Blank, Device Mount For more info visit: [electrification .abb](#) Specifications

What does AL stand for?

We've got 157 definitions for AL » What does AL stand for? What does AL mean? This page is about the various possible meanings of the acronym, abbreviation, shorthand or slang term: AL.

What does AL mean?

Using AL as an acronym offers efficiency and brevity, saving time and space in communication while conveying professionalism and expertise within specific industries.

AL Electricity Abbreviation Meaning

Electricity AL abbreviation meaning defined here. What does AL stand for in Electricity? Get the most popular AL abbreviation related to Electricity.

Panelboards

Choices to quickly change feeder breakers in electrical distribution equipment have evolved over the years. While using drawout switchgear with power air circuit breakers remains a highly reliable

What is an AX and AL contact of easypact EZC?

Alarm switch (trip indication) - AL indicates that the circuit breaker has tripped due to: - an overload - a short-circuit - operation of a voltage release. - ALV indicates that the circuit breaker has tripped due

Electronics related

On +AL terminal a wire labeled 24+ is installed and on -AL terminal sits a wire of unknown origin. The potential replacements for this power supply have in addition to AC input and

AL/CU rated receptacles | Information by Electrical Professionals for ...

I have a question, if a receptacle is rated AL/CU how come the code states that u can only attach AL wire to a receptacle rated CO/ALR, doesnt AL/CU mean aluminum or copper?:-?

Practically Speaking: AL-CU Versus CO/ALR Markings

The 2026 NEC restricts direct termination of aluminum conductors on receptacles not marked "CO/ALR" or "AL-CU". Receptacles rated 30A and higher must be properly marked to be

Complete Guide to Electrical Symbols and Abbreviations

What are electrical symbols, and what do they mean? Where are they placed on a floor plan, and what are the regulations for placing them? Here's everything you need to know.

HWB60_AL Series Hard-Wired PDMs | Littelfuse

The HWB60-AL Series Hard-Wired Waterproof Power Distribution Box with AssureLatch™ is a great choice for protecting accessory circuits and overflow

Anyone know what the CU and AL mean? : r/electricians

Welcome to /r/Electricians Reddit's International Electrical Worker Community aka The Great Reddit Council of Electricians Talk shop, show off pictures of your work, and ask code related questions.

What Does AL Stand For? All AL Meanings Explained

What does AL abbreviation stand for? Explore the list of 1.4k best AL meaning forms based on popularity. Most common AL abbreviation full forms updated in

AL Construction Abbreviation Meaning

Construction AL abbreviation meaning defined here. What does AL stand for in Construction? Get the most popular AL abbreviation related to Construction.

AL Electrical Abbreviation Meaning

AL in Electrical commonly refers to Aluminum, a lightweight metal known for its excellent conductivity and resistance to corrosion. It's mostly used in Materials and Chemistry contexts.

The meaning of AL, AW, HAL and other symbols in electrical design ...

If you can't even recognize the most basic electrical symbols, how can you expect to understand electrical diagrams? So the first step is to understand and familiarize yourself with

Understanding AL-CU and CU Wire Only: Expert Answers to Your Electrical ...

Twist wires firmly before inserting into the connector, then tighten securely. Avoid mixing wire types without AL-CU rated connectors to prevent overheating or connection failure. Regular inspection

FAQs on COALR or CU-AL Electrical Outlets / Switches as a "Repair"

Electrical Receptacles and switches marked COALR, CO/ALR, AL-CU or CU-AL or CU-Only (photo above right) have not been recommended by the US CPSC for aluminum wiring repairs.

What does AL mean on a fuse? – Squarerootnola

What does fuse amp rating mean? An amp or an ampere rating is the current rating for a specific fuse. The current rating of a fuse identifies the allowable current that the fuse can carry

Electrical Abbreviations

The list of electrical abbreviations used in a set of construction drawings varies from office to office. Be sure to check the front section of the drawing set for the abbreviations used within that

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