

# What does AT mean in the electrical distribution box

## Overview

It is often expressed in Amperes (A). A higher (AF) rating indicates a larger and more robust circuit breaker, capable of handling higher current loads without tripping. The labels might look confusing at first. You can learn what they mean with some help. This also helps keep your family safe. I'm using a 200A breaker in an outdoor enclosure to act as the service disconnecting means (2020 NEC), and running the load side to a MLO panel in the mech. I am under the impression that they work better if they. This accessory structure is considered to be at grade level In the National Electrical Code (NEC), certain requirements depend on whether a structure is considered to be "at grade" or at ground level. It's sometimes done this way because it can be cheaper to buy a panel with a main CB as opposed to a main lug only due to availability. Each panel is designed with a maximum limit of breakers or branch circuits that can be added. When performing a home inspection, we note when panels are.



## Article Content

Aug 12, 2025

My Main Electrical Panel Is At Capacity: What Does That Mean?

As we have discussed, a panel at capacity does not necessarily mean there are going to be issues. However, there are cases when the household is in fact drawing more energy than the ...

Sep 01, 2025

Inside Your Home's Electrical Service Panel

To solve the mystery behind these mini-outages, look at your home's main electrical service panel or breaker box—the distribution center for all the electricity you consume.

Jul 11, 2025

What does AT and AF of MCCB mean? | Forum for Electronics

Hi all, In some schem. of electrical circuit. what are the maening of AT and AF? (AT: Ampere Temperture; AF: Ampere Fuse). Thanh in advance.

Jul 10, 2025

Understanding AF and AT in MCCBs | PDF

The "Frame" size listed on engineering documents for molded case circuit breakers refers to the physical size of the breaker, while the "Trip" size refers to the current ...

Feb 13, 2026

How to Read and Interpret Your Distribution Box Labels

Understand your distribution box labels to identify circuits, improve safety, and troubleshoot electrical issues in your home with confidence.

Oct 18, 2025

AT Electrical Abbreviation Meaning | Acronym24

Discover the meanings of AT in Electrical. Explore various definitions and abbreviations related to AT in the Electrical context.

Jan 15, 2026

Demystifying (AF) and (AT) Ratings in Circuit Breakers: Ensuring ...

It is often expressed in Amperes (A). A higher (AF) rating indicates a larger and more robust circuit breaker, capable of handling higher current loads without tripping. (AT) - Trip Unit...

Mar 03, 2026

SPD at service disconnect vs loadcenter | Information by Electrical ...

Simplest thing might be to use a meter/main that also has loadcenter and subfeed lugs. Then you can either install a breaker just for the SPD or if you have say the AC or something like that ...

Dec 20, 2025

Interpreting "At Grade Level" in Electrical Inspections

In construction and inspection practice, "at grade level" is generally understood to refer to a structure that is accessed directly from the surrounding finished ground surface, with little or no ...

Jun 24, 2026

Main breaker outside and inside at service panel and meter?

When you have a main disconnect at the meter the downstream panel is not a "service" panel. Note the four wire feed to the interior panel. I doubt that blue jacketed conductor belongs on ...

Dec 01, 2025

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The "Frame" size listed on engineering documents for molded case circuit breakers refers to the physical size of the breaker, while the "Trip" size refers to the current rating at which the breaker is set to trip. ...

## Contact Us

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