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Leviton LB230-T



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MODEL: LB230-T

Product Overview

The Leviton LB230-T is a 30 Amp, 2-Pole Plug-on Standard Branch Circuit Breaker designed for use in 120/240 VAC electrical systems. This thermal-magnetic circuit breaker provides essential overcurrent protection for your electrical circuits, ensuring safety and reliability within your home or commercial setting.



Figure 1: Leviton LB230-T 30A 2-Pole Plug-On Standard Branch Circuit Breaker

Key Features

- **Easy Installation:** Leviton's innovative design allows the Load Center to be wired at rough-in without the need for circuit breakers to be present, simplifying the installation process.
- **Intuitive Status Indicators:** Color indicators integrated into the breaker handle provide immediate visual feedback on the operational status, allowing for quick at-a-glance checks.
- **Comfortable Operation:** Featuring rocker-style switches, these circuit breakers require less activation force compared to traditional designs, enhancing user comfort.



Line-side powered LEDs provide easy fault type identification.

Figure 2: Color indicators on the circuit breaker handle for operational status.



Sleek, modern design

Figure 3: Line-side powered LEDs for easy fault type identification.

Package Contents

Upon opening the package, please ensure all components are present and undamaged. The standard package for the Leviton LB230-T includes:

- One (1) Leviton LB230-T 30A 2-Pole Plug-On Standard Branch Circuit Breaker

Setup: Installation Guide

WARNING: Risk of electric shock. Installation should only be performed by a qualified electrician. Always turn off power at the main service panel before beginning any electrical work.

Pre-Installation Steps

1. Ensure the main power supply to the load center is completely disconnected and verified with a voltage tester.

2. Open the load center cover to access the busbar and wiring area.
3. Identify the appropriate slot for the 2-pole breaker.

Wiring the Load Center

The Leviton Load Center is designed for efficient wiring. Branch phase and neutral connections are made directly on the panel, allowing for neat wire landing at rough-in without the need for breakers to be in the way.

- Connect the load wires (hot and neutral) from your circuit directly to the designated terminals within the load center.
- Ensure all connections are secure and tightened to the manufacturer's specifications.



Color indicators in the handle show operational status at-a-glance.

Figure 4: Side view of the circuit breaker, showing connection points.

Breaker Installation

The plug-on design of the Leviton LB230-T breaker simplifies installation, making it up to 25% faster than traditional methods. No additional wiring is required for the breaker itself once the load center is wired.

1. Align the breaker with the busbar stabs in the load center.
2. Firmly push the breaker onto the busbar until it snaps securely into place.
3. Verify that the breaker is fully seated and stable.

Operating the Circuit Breaker

The Leviton LB230-T circuit breaker features a simple rocker-style switch for operation and clear color indicators for status.

- To turn the circuit **ON**, push the rocker switch to the "ON" position.
- To turn the circuit **OFF**, push the rocker switch to the "OFF" position.
- If the breaker trips due to an overload or short circuit, the switch will move to a central "TRIPPED" position, and the color indicator will change. To reset, first move the switch fully to the "OFF" position, then back to "ON".

The color indicators provide immediate visual status:

- **Green:** Indicates the breaker is in the "ON" position and the circuit is active.
- **Red:** Indicates the breaker has tripped due to a fault.

Maintenance

Leviton circuit breakers are designed for long-term reliability with minimal maintenance. However, periodic checks can help ensure continued safe operation.

- **Visual Inspection:** Annually inspect the circuit breaker for any signs of physical damage, discoloration, or loose connections.
- **Dust Removal:** Keep the load center interior clean and free of dust and debris. Use a dry, non-conductive brush or vacuum cleaner.
- **Testing:** While not typically required for standard thermal-magnetic breakers, if you have AFCI/GFCI breakers in your load center, test them monthly as per their specific instructions.
- **Professional Inspection:** Consider having a qualified electrician inspect your electrical system and load center every few years.

DO NOT attempt to open or repair the circuit breaker. Refer all repairs to qualified personnel.

Troubleshooting

This section provides solutions to common issues you might encounter with your circuit breaker.

Problem	Possible Cause	Solution
Breaker trips frequently.	Overloaded circuit, short circuit, or ground fault.	Unplug some devices from the circuit. If it continues, there may be a short or ground fault. Consult a qualified electrician.
Breaker will not reset.	Persistent fault (short circuit, ground fault) or internal breaker damage.	Ensure all appliances on the circuit are unplugged. If it still won't reset, the breaker or wiring may be damaged. Consult a qualified electrician.

Problem	Possible Cause	Solution
No power to circuit, but breaker is ON.	Loose connection, faulty wiring, or main breaker tripped.	Check main breaker. If main is ON, consult a qualified electrician to inspect wiring and connections.

Technical Specifications

Specification	Value
Model Number	LB230-T
Brand	Leviton
Current Rating	30 Amps
Voltage Rating	120/240 VAC
Number of Poles	2
Circuit Breaker Type	Standard, Thermal-Magnetic
Mounting Type	Plug-In Mount
Product Dimensions	3.1 x 2 x 3.9 inches
Weight	0.01 ounces
Manufacturer	Leviton

Warranty and Support

Leviton products are manufactured to the highest quality standards and are backed by a limited warranty. For specific warranty details, including duration and coverage, please refer to the warranty information provided with your product packaging or visit the official Leviton website.

For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact Leviton Customer Service:

Website: www.leviton.com
Contact Page: [Leviton Support](#)

Please have your product model number (LB230-T) and purchase date available when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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