

Leviton 25249-TFB

Leviton 25249-TFB 15 Amp 125 Volt Tamper-Resistant Duplex Receptacle Instruction Manual

Model: 25249-TFB

INTRODUCTION

This manual provides essential information for the safe and proper installation, operation, and maintenance of your Leviton 15 Amp, 125 Volt, Tamper-Resistant Duplex Receptacle (Model 25249-TFB). This commercial-grade, self-grounding receptacle features a straight blade design and a brass finish, engineered for demanding environments such as hotels, schools, hospitals, and commercial office buildings. It is designed to withstand rigorous use and offers enhanced safety features.

SAFETY INFORMATION

WARNING: To avoid fire, shock, or death, turn off power at the circuit breaker or fuse box and test that power is off before wiring. This device must be installed in accordance with all national and local electrical codes. If you are unsure about any part of these instructions, consult a qualified electrician.

Proposition 65 Warning: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.

- Do not use this device with aluminum wiring. Use only with copper or copper-clad wire.
- Ensure all connections are tight and secure to prevent overheating.
- This receptacle is tamper-resistant, designed to prevent insertion of foreign objects into the receptacle openings.
- Do not exceed the specified electrical ratings of 15 Amps and 125 Volts.

PRODUCT FEATURES

- **Tamper-Resistant Design:** Meets NEC 2020 article 406.12, providing enhanced safety by preventing the insertion of single objects into the receptacle openings.
- **Commercial Grade:** Built to withstand demanding environments, ensuring durability and long-term performance.
- **Self-Grounding:** Features an integral self-grounding clip for quick and easy installation into a properly

grounded metal box.

- **Durable Construction:** Thermoplastic receptacle face and body resist breakage.
- **Ready-To-Wire Unit:** All-in-one design facilitates quick and easy installation.



Image: Leviton 25249-TFB Tamper-Resistant Duplex Receptacle, Brass Finish. This image shows the front view of the receptacle with its brass faceplate and two tamper-resistant outlets.

SETUP AND INSTALLATION

Installation of electrical devices should only be performed by qualified personnel. Always ensure power is disconnected before beginning any work.

1. **Turn Off Power:** Locate the circuit breaker or fuse that supplies power to the outlet where the receptacle will be installed. Turn it off and verify that power is off using a voltage tester.
2. **Remove Old Receptacle (if applicable):** Carefully remove the existing wall plate and receptacle from the electrical box. Disconnect the wires, noting their connections (hot, neutral, ground).

3. **Prepare Wires:** Strip approximately 1/2 inch (12.7 mm) of insulation from the ends of the circuit wires. Ensure wires are straight.

4. **Connect Wires:**

- Connect the **hot (black)** wire to the brass-colored screw terminal.
- Connect the **neutral (white)** wire to the silver-colored screw terminal.
- Connect the **ground (green or bare copper)** wire to the green screw terminal. This receptacle is self-grounding, meaning it will ground itself to a properly grounded metal box via its mounting strap.

Ensure all wire connections are tight and secure.

5. **Mount Receptacle:** Carefully fold the wires into the electrical box, then insert the new receptacle and secure it with the mounting screws provided.

6. **Install Wall Plate:** Attach the decorative wall plate (sold separately) over the receptacle.

7. **Restore Power:** Turn the power back on at the circuit breaker or fuse box.

8. **Test:** Test the receptacle with a known working appliance or receptacle tester to ensure proper function.

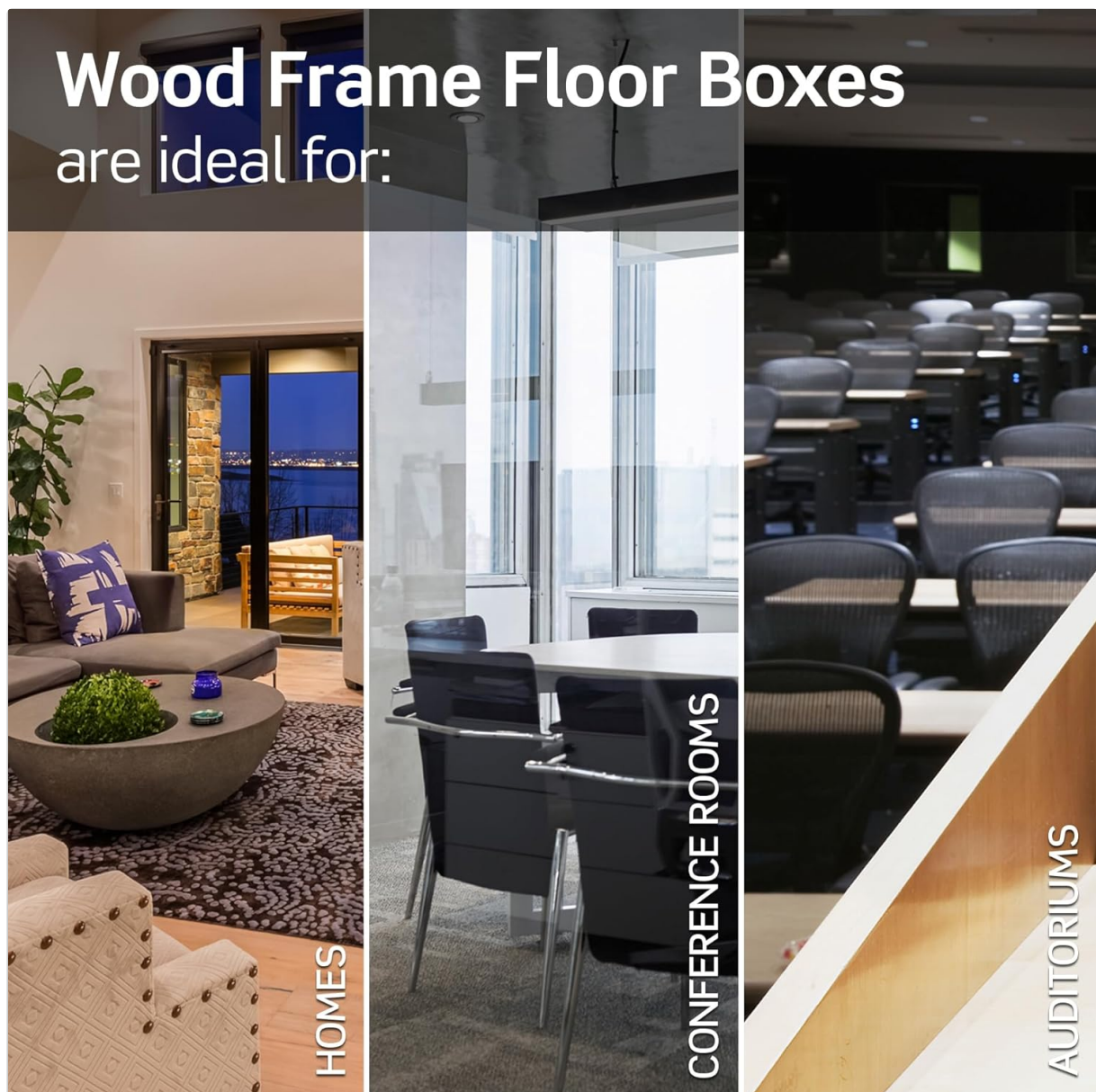


Image: Back view of the Leviton 25249-TFB receptacle, showing the screw terminals for wiring connections (hot, neutral, ground).

The Leviton 25249-TFB Tamper-Resistant Duplex Receptacle operates like a standard electrical outlet, with added safety features.

- **Plugging In:** Insert the plug of your appliance or device firmly into one of the two receptacle openings. The tamper-resistant shutters may require slightly more force to open than a traditional receptacle. Ensure both prongs are inserted simultaneously and evenly.
- **Unplugging:** Grasp the plug and pull it straight out from the receptacle. Do not pull by the cord.
- **Load Capacity:** Do not overload the receptacle. The total current drawn by all connected devices should not exceed 15 Amps.

MAINTENANCE

The Leviton 25249-TFB receptacle requires minimal maintenance.

- **Cleaning:** To clean the receptacle face, ensure power is off at the circuit breaker. Use a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically inspect the receptacle for any signs of damage, such as cracks, discoloration, or loose connections. If any damage is observed, turn off power and have the receptacle inspected and replaced by a qualified electrician.
- **Environmental Considerations:** While durable, avoid exposing the receptacle to excessive moisture or extreme temperatures beyond its operational specifications.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power at the receptacle.	Circuit breaker tripped or fuse blown. Loose wiring connection.	Check and reset the circuit breaker or replace the fuse. If problem persists, turn off power and check wiring connections. Consult an electrician if necessary.
Plug does not insert easily.	Tamper-resistant shutters are engaged.	Ensure both prongs of the plug are aligned and inserted simultaneously and firmly. Do not force the plug.
Receptacle feels warm.	Overloaded circuit. Loose wiring connection.	Unplug some devices to reduce load. Turn off power and check wiring connections. If warmth persists, consult an electrician immediately.

SPECIFICATIONS

- **Model:** 25249-TFB
- **Amperage:** 15 Amps
- **Voltage:** 125 Volts
- **Configuration:** 5-15R
- **Number of Poles:** 2
- **Number of Wires:** 3
- **Grounding:** Self-Grounding
- **Material:** Nylon (body), Brass (finish)
- **Color:** Brass Finish
- **Standards & Certifications:** UL 498, CSA C22.2, NOM 057 Approved
- **Total Power Outlets:** 2

WARRANTY AND SUPPORT

Warranty: This Leviton product is backed by a 10-Year Limited Warranty. For detailed warranty terms and conditions, please refer to the official Leviton website or contact customer support.

Customer Support: For technical assistance, troubleshooting, or warranty claims, please visit the official Leviton website or contact their customer service department. Contact information can typically be found on the product packaging or the Leviton website.