

Leviton C20-05410-000

Leviton Single Pole Heavy Duty On/Off Feed-Through Cord Switch User Manual

Model: C20-05410-000

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of the Leviton Single Pole Heavy Duty On/Off 3 Amp 125V Feed-Through Cord Switch. Please read this manual thoroughly before use to ensure safe and proper operation.

2. SAFETY INFORMATION

WARNING: Risk of Electric Shock. Installation should be performed by a qualified electrician or knowledgeable individual. Disconnect power at the circuit breaker or fuse before installing or servicing.

This product is designed for indoor use only. Do not expose to moisture or extreme temperatures. Observe all local and national electrical codes.

3. PRODUCT OVERVIEW

The Leviton C20-05410-000 is a single pole, heavy-duty, feed-through cord switch designed for residential applications. It allows for convenient on/off control of electrical devices connected via a cord.



Figure 3.1: Front view of the Leviton Feed-Through Cord Switch.

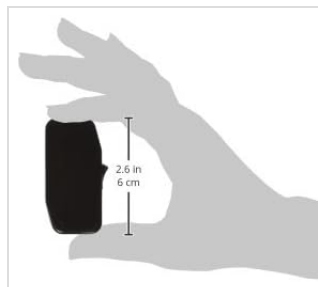


Figure 3.2: Approximate dimensions of the cord switch, showing its compact size for integration into cords.

Key Features:

- Single Pole, On/Off operation
- Heavy-duty construction
- Designed for 3 Amp, 125V applications
- Feed-through design for easy integration into existing cords
- Brown phenolic finish
- CSA certified and UL listed

4. SETUP AND INSTALLATION

This cord switch is designed to be installed on a 1/4 inch cord. Ensure the cord is unplugged from the power source before beginning installation.

Installation Steps:

1. **Disconnect Power:** Unplug the cord from the electrical outlet.
2. **Prepare Cord:** Carefully cut the cord at the desired location for the switch. Separate the two conductors of the

cord for a short distance (approximately 1 inch).

3. **Strip Wires:** Strip about 1/2 inch of insulation from the end of one of the cut conductors.
4. **Open Switch Housing:** Open the two halves of the switch housing.
5. **Connect Wire:** Connect the stripped end of one conductor to the switch terminal. Ensure a secure connection.
6. **Route Cord:** Route the un-cut conductor through the designated channel in the switch housing.
7. **Close Housing:** Carefully close the two halves of the switch housing, ensuring the cord is properly seated and no wires are pinched. Secure the housing with any provided screws.
8. **Test:** Plug the cord back into the electrical outlet and test the switch functionality.

CAUTION: Do not overtighten screws. Ensure all connections are firm to prevent arcing and overheating.

5. OPERATING INSTRUCTIONS

The Leviton Feed-Through Cord Switch operates as a simple on/off control for your electrical device.

Basic Operation:

- To turn the connected device **ON**, press the switch to the 'ON' position.
- To turn the connected device **OFF**, press the switch to the 'OFF' position.

Ensure the connected device's power requirements do not exceed the switch's rating of 3 Amps at 125 Volts (375 Watts).

6. MAINTENANCE

The Leviton Feed-Through Cord Switch requires minimal maintenance.

Cleaning:

To clean the exterior of the switch, wipe with a soft, dry cloth. Do not use abrasive cleaners, solvents, or excessive moisture, as this may damage the finish or internal components.

Inspection:

Periodically inspect the switch and the cord for any signs of damage, such as cracks, fraying, or discoloration. If any damage is observed, discontinue use immediately and replace the switch.

7. TROUBLESHOOTING

If you experience issues with your Leviton Feed-Through Cord Switch, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not turn on.	• Cord not plugged in. • Loose wire connection inside switch. • Faulty switch. • Overloaded circuit/blown fuse.	• Ensure cord is securely plugged into a live outlet. • Disconnect power and re-check wire connections inside the switch. • Replace the switch if it is faulty. • Check circuit breaker or fuse. Reduce load if necessary.

Problem	Possible Cause	Solution
Switch feels hot.	- Overloaded circuit. - Loose connection.	- Immediately disconnect power. Ensure connected device does not exceed 3 Amps/375 Watts. - Disconnect power and check all wire connections.

If the problem persists after attempting these solutions, contact Leviton customer support or consult a qualified electrician.

8. SPECIFICATIONS

Attribute	Value
Model Number	C20-05410-000
Part Number	C25-05410-000
Operation Mode	On/Off, Toggle
Current Rating	3 Amps
Operating Voltage	125 Volts
Wattage	375 Watts
Contact Type	Normally Open
Terminal Type	SPST
Color	Brown
Material	Phenolic (Housing), Brass (Contact)
Dimensions (L x W x H)	19.75 x 4.25 x 7.25 inches (Product Dimensions)
Item Weight	0.48 ounces
Certifications	CSA Certified, UL Listed
Operating Temperature	-40 to 120 Degrees Celsius

9. WARRANTY AND SUPPORT

Warranty Information:

This product comes with a manufacturer's warranty. For specific details regarding the warranty period and coverage, please refer to the warranty documentation included with your purchase or visit the official Leviton website. The warranty typically covers defects in materials and workmanship under normal use.

Customer Support:

For technical assistance, troubleshooting, or warranty claims, please contact Leviton customer support:

- Website:** www.leviton.com
- Phone:** Refer to the Leviton website for regional contact numbers.

When contacting support, please have your product model number (C20-05410-000) and purchase information ready.

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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

Anonymous

Email

you@example.com

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