

Leviton 2723

Leviton 30 Amp, 250 Volt 3-phase, NEMA L15-30R Locking Connector Instruction Manual

Model: 2723
Brand: Leviton

INTRODUCTION

This manual provides detailed instructions for the safe and proper installation and use of the Leviton 30 Amp, 250 Volt 3-phase, NEMA L15-30R Locking Connector. This industrial-grade, grounding connector is designed for superior performance and long-lasting reliability. Please read all instructions carefully before beginning any work.

SAFETY INFORMATION

WARNING: Shock Hazard. To avoid risk of serious injury or death, turn power off at the circuit breaker before wiring any electrical device. Always ensure the power source is disconnected and verified before handling electrical components.

SETUP AND WIRING INSTRUCTIONS

Follow these steps to properly wire your Leviton NEMA L15-30R Locking Connector. A visual guide is provided in the video below.

Official Leviton video demonstrating the wiring process for Black & White plugs and connectors.

1. Disassembly

1. Using a Phillips head screwdriver, loosen the quick screws on the faceplate.
2. Carefully remove the faceplate from the body housing.

2. Cable Preparation

1. Feed the cable through the strain relief and then through the body housing.
2. Strip the cord jacket to approximately 1.5 inches, referring to the diagram on the instruction sheet for precise measurements.
3. Cut the green (ground) wire to be approximately 1 inch long using wire strippers.

4. Strip all remaining wires (typically black, red, orange, white) approximately 5/8 of an inch.

3. Wiring Connections

1. Loosen all terminal screws on the faceplate. The green ground screw is located in the center.
2. Insert the green (ground) wire into the wire well of the green ground terminal and tighten the terminal screw securely.
3. Insert the white (neutral) wire into the wire well of the silver terminal and tighten the terminal screw securely.
4. Insert the remaining three wires (typically black, red, orange for 3-phase) into the wire wells of the brass terminals and tighten the terminal screws securely.

4. Reassembly

1. Align the channel guide on the body housing with the faceplate and slide the faceplate into the body housing.
2. Using a Phillips head screwdriver, tighten the quick screws on the faceplate to secure it to the body housing.
3. Tighten both strain relief screws on the cable to ensure a secure connection and prevent cable pull-out.

Accommodating Larger Wires

If your wire is larger than the groove on the strain relief, a section of the strain relief can be removed to accommodate larger wire gauges.



OPERATING INSTRUCTIONS

Once properly wired, the Leviton locking connector provides a secure and reliable electrical connection. To connect, align the male plug with the female receptacle according to the NEMA L15-30R configuration and twist to lock. To disconnect, twist in the opposite direction and pull apart. Always ensure connections are fully seated and locked before applying power.

MAINTENANCE

Regular inspection of the connector is recommended to ensure continued safe operation. Check for any signs of wear, damage, or discoloration on the housing, pins, or cable. Ensure all screws remain tight. Clean the exterior with a dry, lint-free cloth. Do not use abrasive cleaners or solvents.

TROUBLESHOOTING

If you experience issues with your Leviton connector, consider the following:

- **No Power:** Verify that the circuit breaker is ON and that the power source is active. Check all wire connections within the connector for tightness.
- **Loose Connection:** Ensure the connector is fully inserted and twisted to the locked position in the receptacle. Re-check the strain relief screws on the cable.
- **Overheating:** Discontinue use immediately. This could indicate a loose connection or an overloaded circuit. Consult a qualified electrician.

SPECIFICATIONS

Specification	Detail
Brand	Leviton
Model Number	2723
Amperage	30 Amps
Voltage	250 Volts (AC)
NEMA Configuration	L15-30R
Number Of Poles	3
Number Of Wires	4
Product Grade	Industrial Grade
Grounding	Yes
Color	Black-White
Material	Nylon
Item Weight	6.7 ounces

Product Dimensions	4 x 4 x 4 inches
Country of Origin	China
UPC	078477808450

WARRANTY INFORMATION

The Leviton 30 Amp, 250 Volt 3-phase, NEMA L15-30R Locking Connector is backed by an industry-exclusive limited lifetime warranty. For detailed terms and conditions, please refer to the warranty documentation included with your product or visit the official Leviton website.

CUSTOMER SUPPORT

For further assistance, technical support, or to explore other Leviton products, please visit the official Leviton Store: [Visit the Leviton Store on Amazon](#)

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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.

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