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Leviton 25W07 Wetguard Connector Instruction Manual

Model: 25W07 | Brand: Leviton



1. INTRODUCTION

The Leviton 25W07 Wetguard Connector is an industrial-grade, non-grounding, locking blade connector designed for demanding environments. As part of Leviton's Wetguard product line, it is engineered to provide robust watertight and dust-tight protection, meeting stringent IP67 and NEMA ratings. This manual provides essential information for the safe and effective use of your Leviton 25W07 connector.



Image: Leviton 25W07 15 Amp, 125 Volt/10A-250V, Locking Blade, Non-Grounding, Wetguard Connector in Yellow.

2. KEY FEATURES

- **Santoprene Husk:** Resistant to oil, acids, alkalis, and many industrial solvents, ensuring durability in harsh conditions.
- **NEMA Configuration:** Configuration number and rating are molded directly onto the device face for easy identification.
- **Innovative Strain Relief System:** Features a compression nut that provides a watertight seal and prevents cord slippage, enhancing safety and reliability.
- **Heavy-Duty Contacts:** Equipped with one-piece nickel-plated brass contacts for maximum conductivity and corrosion resistance.
- **Robust Body Construction:** Rubber body molded to a bondable nylon substrate to maximize sealing capability.

3. SETUP AND INSTALLATION

Proper installation is crucial for the safe and effective operation of your Wetguard connector. Ensure all local and national electrical codes are followed. It is recommended that installation be performed by a qualified electrician.

Wiring Instructions:

1. Ensure power is disconnected at the source before beginning any wiring.
2. Disassemble the connector by unscrewing the housing.
3. Strip the outer jacket of the cable to the appropriate length, exposing the individual conductors.
4. Strip the insulation from each conductor, ensuring proper wire length for terminal connection.
5. Insert the conductors into the deep wire wells of the wiring module. The clear housing allows for visual inspection of proper insertion.

- 6. Secure each conductor under its respective terminal screw. Ensure all connections are tight and secure.
- 7. Reassemble the connector housing, ensuring the patented compression nut and strain relief system are properly engaged to form a watertight seal.
- 8. Verify the integrity of the watertight seal and electrical connection before restoring power.

Installation Overview Video:

Your browser does not support the video tag.

Video: An overview of Leviton Wetguard wiring devices, demonstrating features and installation aspects. This video highlights the robust design and ease of wiring for various Wetguard products, including plugs and connectors. (Note: While the video title mentions 27W47, the content is broadly applicable to the Wetguard line's features and installation principles.)

4. OPERATING INSTRUCTIONS

The Leviton 25W07 connector is designed for straightforward operation. Once properly wired and installed, simply connect it to a compatible 15 Amp, 125 Volt/10A-250V non-grounding locking blade receptacle or device. Ensure a secure, twist-lock connection to maintain the watertight integrity.

- Align the blades of the connector with the slots of the receptacle.
- Insert the connector fully into the receptacle.
- Twist the connector clockwise until it locks into place. This ensures a secure electrical and watertight connection.
- To disconnect, twist the connector counter-clockwise to unlock and then pull straight out.

5. MAINTENANCE

Regular maintenance helps ensure the longevity and performance of your Wetguard connector.

- **Cleaning:** Periodically clean the exterior of the connector with a damp cloth. Avoid harsh abrasive cleaners that could damage the Santoprene husk.
- **Inspection:** Regularly inspect the connector for any signs of wear, damage, or corrosion. Pay close attention to the cable entry point, the housing, and the blades/contacts.
- **Seal Integrity:** Ensure the compression nut and sealing system remain tight. If the connector is frequently exposed to wet or dusty conditions, check the seal more often.
- **Storage:** When not in use, store the connector in a clean, dry environment to prevent unnecessary exposure to harsh elements.

6. TROUBLESHOOTING

If you encounter issues with your Leviton 25W07 connector, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
No Power to Device	Loose wiring connection; tripped circuit breaker; faulty power source.	Check wiring inside the connector; reset breaker; test power source.
Connector Feels Loose	Incomplete twist-lock; worn contacts/blades.	Ensure full twist-lock engagement; inspect for wear and replace if necessary.
Water Ingress	Improperly tightened compression nut; damaged seal.	Tighten compression nut; inspect seal for damage and replace connector if compromised.

If problems persist, contact Leviton customer support or a qualified electrician.

7. SPECIFICATIONS

Specification	Value
Number Of Poles	3
No. of wires	3
Plug Format	Type D
Product Grade	New
Specification Met	NEMA
Amperage	15 Amps
UPC	078477474259
Manufacturer	Leviton
Global Trade Identification Number	00078477474259
Part Number	25W07
Item Weight	0.01 ounces
Product Dimensions	5 x 9 x 1.5 inches
Item model number	25W07
Item Package Quantity	1
Included Components	Leviton 25W07 WETGUARD NON-NEMA
Batteries Required?	No
Warranty Description	Manf Warranty
ASIN	B003XCN6PI
Date First Available	August 6, 2010
Brand	Leviton
Color	Yellow
Voltage	125 Volts
Material	Nylon, Brass, Rubber
Connector Type	Plug in

8. WARRANTY AND SUPPORT

The Leviton 25W07 Wetguard Connector comes with a Manufacturer's Warranty. For specific details regarding warranty coverage, terms, and conditions, please refer to the documentation included with your product or visit the

official Leviton website.

For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact Leviton Customer Service. Contact information can typically be found on the product packaging or on the Leviton website. You can also visit the official Leviton store for more information:[Leviton Store](#)