Leviton COVER-S

Leviton Wetguard Watertight Toggle Switch Cover (COVER-S) Instruction Manual

Brand: Leviton | **Model:** COVER-S

1. PRODUCT OVERVIEW

The Leviton Wetguard Watertight Toggle Switch Cover, Model COVER-S, is engineered for demanding industrial and wet environments. This cover provides robust protection for 15A-40A toggle switches, including manual motor starters, ensuring reliable operation in challenging conditions.

It features an impact and chemical-resistant Valox PBT construction, offering superior dimensional stability and UV weathering resistance. The integrated lockout handle complies with OSHA safety regulations, enhancing workplace safety. Stainless steel mounting and assembly screws are included to provide excellent corrosion resistance, ensuring long-term durability.

Figure 1: Leviton Wetguard Watertight Toggle Switch Cover (Model COVER-S). This image shows the yellow toggle switch cover with its red handle in the 'OFF' position, designed for industrial applications.

Key Features:

- **Impact and Chemical Resistant:** Constructed from Valox PBT for extended life in abusive environments.
- **OSHA Compliant Lockout:** Integrated lockout handle meets OSHA safety regulations for secure operation.
- **Corrosion Resistance:** Stainless steel mounting and assembly screws ensure excellent resistance to corrosion.
- **Watertight and Dust-tight:** Meets IEC IP66 and NEMA 4 and 4X ratings when properly installed.
- **Wide Compatibility:** Suitable for all 15A-40A toggle switches, including manual motor starters.

Official Product Video:

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2. SETUP AND INSTALLATION

Proper installation of the Wetguard Toggle Switch Cover is crucial to maintain its IP66 and NEMA 4/4X ratings and ensure optimal protection. Installation should only be performed by a qualified electrician in accordance with all local and national electrical codes.

Required Tools:

- Screwdriver (appropriate for triple-drive head screws)
- Wire strippers (if wiring a new switch)
- Safety glasses
- Gloves

Installation Steps:

1. **Safety First: WARNING:** Turn off power at the circuit breaker or fuse box before beginning installation to prevent electrical shock. Verify power is off using a voltage tester.

2. **Prepare the Switch:** Ensure the 15A-40A toggle switch (not included) is properly installed in a suitable electrical box.

3. **Mount the Cover:** Align the Wetguard COVER-S over the toggle switch. Use the provided stainless steel mounting screws to secure the cover to the electrical box. Ensure the screws are tightened sufficiently to create a watertight seal, but do not overtighten. The triple-drive head screws facilitate proper tightening.

4. **Verify Seal:** Confirm that the cover is flush against the mounting surface and that the gasket (if applicable to the specific mounting method) is properly compressed to form a watertight barrier.

5. **Test Operation:** Once installed, operate the toggle switch handle to ensure smooth movement between ON and OFF positions.

6. **Engage Lockout (if required):** If OSHA lockout/tagout procedures are in effect, ensure the integrated lockout handle can be properly engaged when the switch is in the OFF position.

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

3. OPERATING INSTRUCTIONS

The Leviton Wetguard Toggle Switch Cover is designed for straightforward operation while providing maximum protection.

Basic Operation:

- To turn the connected device **ON**, move the red handle to the "ON" position.
- To turn the connected device **OFF**, move the red handle to the "OFF" position.

Lockout/Tagout Procedure:

The integrated lockout handle allows for compliance with OSHA lockout/tagout procedures to prevent accidental energization during maintenance or service.

1. Ensure the toggle switch is in the **OFF** position.

2. Position the lockout handle to cover the switch actuator.

3. Insert an appropriate lockout device (e.g., padlock) through the designated hole in the handle to secure it in the locked

position.

4. Apply a tagout device as required by safety protocols.

5. Verify that the switch cannot be operated while the lockout device is engaged.

4. MAINTENANCE

Regular maintenance ensures the longevity and continued performance of your Wetguard Toggle Switch Cover.

Cleaning:

- Clean the exterior of the cover periodically with a damp cloth and mild detergent.
- Avoid abrasive cleaners or solvents that could damage the Valox PBT material.
- Ensure the cover is dry before restoring power if it was disconnected for cleaning.

Inspection:

- Periodically inspect the cover for any signs of damage, cracks, or wear.
- Check the integrity of the mounting screws and ensure they are securely tightened.
- Verify that the handle operates smoothly and that the lockout feature functions correctly.
- If any damage is observed that could compromise the watertight seal or structural integrity, replace the cover immediately.

5. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your Wetguard Toggle Switch Cover.

Problem	Possible Cause	Solution
Water/Dust Ingress	Improper installation; damaged cover or gasket; loose mounting screws.	Ensure mounting screws are tightened correctly. Inspect cover and gasket for damage; replace if necessary. Re-install according to instructions.
Handle Stiff or Not Moving Smoothly	Debris accumulation; internal switch issue; cover misalignment.	Clean the handle area. Check for proper alignment of the cover over the switch. If the issue persists, the internal switch may require inspection by a qualified electrician.
Lockout Feature Not Engaging	Switch not fully in OFF position; obstruction; damaged handle.	Ensure the toggle switch is fully in the OFF position. Clear any obstructions. Inspect the handle for damage; replace the cover if the handle is broken.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact Leviton customer support.

6. SPECIFICATIONS

Attribute	Value
Model Number	COVER-S
Brand	Leviton
Amperage Capacity	40 Amps (for compatible switches)

Attribute	Value
Color	Yellow
Material	Metal, Plastic (Valox PBT)
Product Dimensions	5 x 3 x 3 inches
Item Weight	3.2 ounces
Switch Style	Toggle
Mounting Type	Plug-In Mount (for the switch it covers)
Certification	IEC
Environmental Ratings	IP66, NEMA 4 and 4X

7. WARRANTY INFORMATION

The Leviton Wetguard Watertight Toggle Switch Cover (COVER-S) is backed by a **Best-in-Class Limited Lifetime Warranty**. This warranty covers defects in materials and workmanship under normal use and service. For full details regarding warranty coverage, terms, and conditions, please refer to the official Leviton warranty documentation or contact Leviton customer support.

8. CUSTOMER SUPPORT

For technical assistance, product inquiries, or warranty claims, please contact Leviton Customer Support:

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

Please have your product model number (COVER-S) and purchase information ready when contacting support.