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Legrand 191510

Legrand 191510 Plexo Recessed Switch User Manual

1. INTRODUCTION

This manual provides essential information for the safe and correct installation, operation, and maintenance of the Legrand 191510 Plexo Recessed Switch. Please read these instructions thoroughly before beginning any work.

1.1 Safety Information

- Installation must be performed by a qualified electrician in accordance with all local and national electrical codes.
- Always disconnect power at the main circuit breaker before installing or servicing the switch.
- Do not use the switch if it appears damaged.
- Ensure proper grounding where required.
- The switch is designed for recessed installation and offers waterproof protection (IP54).

1.2 Product Overview

The Legrand 191510 Plexo Recessed Switch is a grey, waterproof switch designed for environments requiring protection against dust and water, such as outdoor areas, basements, and garages. It features a robust design for recessed installation and includes a box with upper and lower membranes for pipe inlet up to 25 mm, facilitating a secure and sealed cable entry.



Figure 1: Front view of the Legrand 191510 Plexo Recessed Switch.

2. INSTALLATION INSTRUCTIONS

2.1 Tools Required

- Screwdriver (Phillips and flathead)
- Wire strippers
- Voltage tester
- Drill (if creating a new recess)
- Measuring tape

2.2 Mounting the Switch Box

1. Ensure power is disconnected at the main circuit breaker.
2. Prepare the recess in the wall according to the switch dimensions (approximately 8 x 8 x 5.5 cm).
3. Identify the desired cable entry point(s) on the switch box (upper or lower membrane). Carefully pierce the membrane to allow cable passage.
4. Insert the electrical cables through the prepared membrane(s).
5. Secure the switch box into the recess using appropriate fasteners. The joint joints between the mechanism and the

wall facilitate adjustment on various surfaces.



Figure 2: Rear view of the switch box with cable entry membranes and mounting points.

2.3 Wiring the Switch

1. Strip approximately 13mm of insulation from the ends of the electrical wires.
2. Connect the wires to the appropriate terminals on the switch mechanism. Refer to the wiring diagram usually found on the product or packaging. For a 1-way circuit, connect the live input to one terminal and the switched live output to the other.
3. Ensure all connections are tight and secure.



Figure 3: Detailed view of the wiring terminals.

2.4 Assembling the Switch Mechanism and Cover

1. Carefully position the wired switch mechanism into the mounted switch box.
2. Ensure the mechanism is seated correctly and securely within the box.



Figure 4: Internal mechanism of the switch.

3. Attach the grey front plate to the switch mechanism, ensuring it clicks into place and forms a tight seal for waterproof protection.

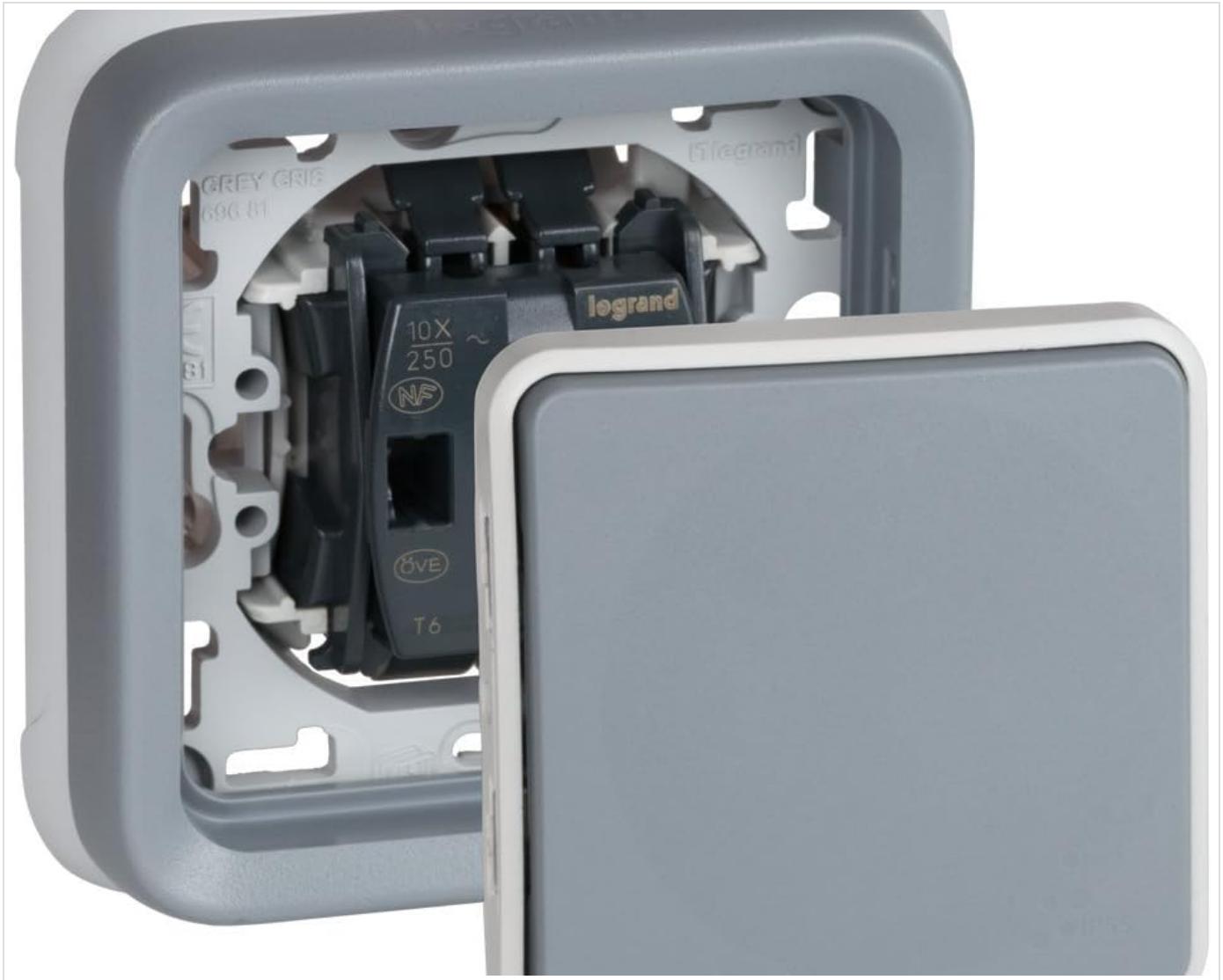


Figure 5: Attaching the front plate to the switch mechanism.

4. Once fully assembled, restore power at the main circuit breaker.

3. OPERATION

3.1 Basic Functionality

The Legrand 191510 Plexo Recessed Switch operates as an ON-ON-OFF push-button switch. Pressing the button will toggle the connected electrical circuit between its ON and OFF states. The switch has 3 positions, allowing for flexible control of the connected load.

4. MAINTENANCE

4.1 Cleaning

To clean the switch, wipe the surface with a soft, damp cloth. Do not use abrasive cleaners, solvents, or excessive water, as this may damage the finish or compromise the waterproof seal.

4.2 Inspection

Periodically inspect the switch for any signs of damage, wear, or compromise to the waterproof seal. If any damage is observed, disconnect power and have the switch inspected or replaced by a qualified professional.

5. TROUBLESHOOTING

5.1 Common Issues

- **Switch not responding:** Check if the main circuit breaker is ON. Verify all wiring connections are secure. If the issue persists, consult a qualified electrician.
- **Intermittent operation:** This could indicate a loose connection or internal damage. Disconnect power and have the switch inspected by a professional.
- **Water ingress:** If water is observed inside the switch or connected enclosure, immediately disconnect power. The waterproof seal may be compromised. The switch must be replaced.

6. TECHNICAL SPECIFICATIONS

Specification	Value
Model Number	191510
Brand	Legrand
Operation Mode	ON-ON-OFF
Current Rating	6 Amps
Operating Voltage	230 Volts
Contact Type	Normally Open
Connector Type	Plug In
Terminal Type	Button
Dimensions (L x W x H)	3.35 x 3.35 x 1.57 inches (8.5 x 8.5 x 4 cm)
Circuit Type	1-way
Actuator Type	Hinge Lever
Contact Material	Metal
International Protection Rating	IP54
Number of Positions	3
Controller Type	Push Button
Control Method	Touch
Connectivity Protocol	X-10
Color	Grey
Wattage	1380 watts
Item Weight	3.52 ounces (100g)

7. WARRANTY INFORMATION

The Legrand 191510 Plexo Recessed Switch is covered by a standard manufacturer's warranty. For specific details regarding warranty terms, duration, and claims, please refer to the documentation provided with your purchase or visit the

official Legrand website. Keep your proof of purchase for warranty purposes.

8. CUSTOMER SUPPORT

For further assistance, technical support, or inquiries regarding the Legrand 191510 Plexo Recessed Switch, please contact Legrand customer service. You can find contact information, FAQs, and additional resources on the official Legrand website:

www.legrand.us

