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Legrand 782384

Legrand 782384 Forix IP44 Surface-Mounted Switch Instruction Manual

Model: 782384

1. INTRODUCTION

This manual provides essential information for the safe and correct installation, operation, and maintenance of the Legrand 782384 Forix IP44 Surface-Mounted Switch. This product is designed for use in environments requiring splash-proof protection, such as basements, laundry rooms, utility rooms, and workshops. Please read these instructions thoroughly before proceeding with installation or use.



Figure 1: Front view of the Legrand 782384 Forix IP44 Surface-Mounted Switch.

2. SAFETY INFORMATION

- **Electrical Hazard:** Installation must be performed by a qualified electrician or competent person in accordance with all local and national electrical codes.
- **Disconnect Power:** Always ensure the main power supply to the circuit is disconnected at the circuit breaker or fuse box before commencing any installation, wiring, or maintenance work.
- **Voltage and Current:** Do not exceed the specified voltage (240V) and current (10A) ratings of the switch.
- **IP44 Rating:** The IP44 rating ensures protection against solid objects larger than 1mm and splashing water from any direction. Ensure proper sealing during installation to maintain this rating.
- **Proper Tools:** Use appropriate insulated tools for electrical work.
- **Secure Connections:** Ensure all wire connections are tight and secure to prevent loose contacts and potential hazards.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning installation:

- 1 x Legrand 782384 Forix IP44 Surface-Mounted Switch Unit
- Mounting Screws and Wall Plugs (typically included, verify upon opening)
- Instruction Manual (this document)

4. FEATURES

- **Single-Level Moisture Wall Switch:** 1-pin design for rated voltage of 240V and rated current of 10A.
- **Splash-Proof (IP44 Rated):** Provides protection against ingress of foreign bodies greater than 1mm and splashing water, making it suitable for wet environments.
- **Versatile Installation:** Ideal for installation in cellars, garages, workshops, bathrooms, and other areas requiring moisture protection.
- **Easy Wall Mounting:** Designed for straightforward surface mounting on walls.
- **Convenient Connection:** Features cable inlets on each side, accommodating tap cross-sections of up to 2.5 mm².
- **Ample Wiring Space:** Large internal wiring space facilitates easy and organized cable connections.
- **Color:** Grey finish.

5. SETUP AND INSTALLATION

5.1. Preparation

1. **Safety First:** Ensure the power supply to the installation area is completely disconnected at the main circuit breaker. Verify with a voltage tester.
2. **Tools Required:** Screwdriver (flat-head and/or Phillips), wire strippers, wire cutters, drill (if mounting to masonry), pencil, measuring tape, voltage tester.
3. **Location:** Choose a suitable surface-mounting location that is flat and stable, away from direct heat sources or excessive vibration.

5.2. Mounting the Switch

1. Carefully open the switch housing by unscrewing the cover screws.
2. Position the base of the switch unit on the desired wall location.
3. Mark the drilling points through the mounting holes on the switch base using a pencil.
4. Drill holes at the marked points, ensuring appropriate drill bit size for the wall plugs (if applicable).
5. Insert wall plugs into the drilled holes.
6. Secure the switch base to the wall using the provided mounting screws. Do not overtighten.

5.3. Wiring the Switch

The Legrand 782384 switch is a 1-way switch. Refer to the internal diagram and local wiring regulations.

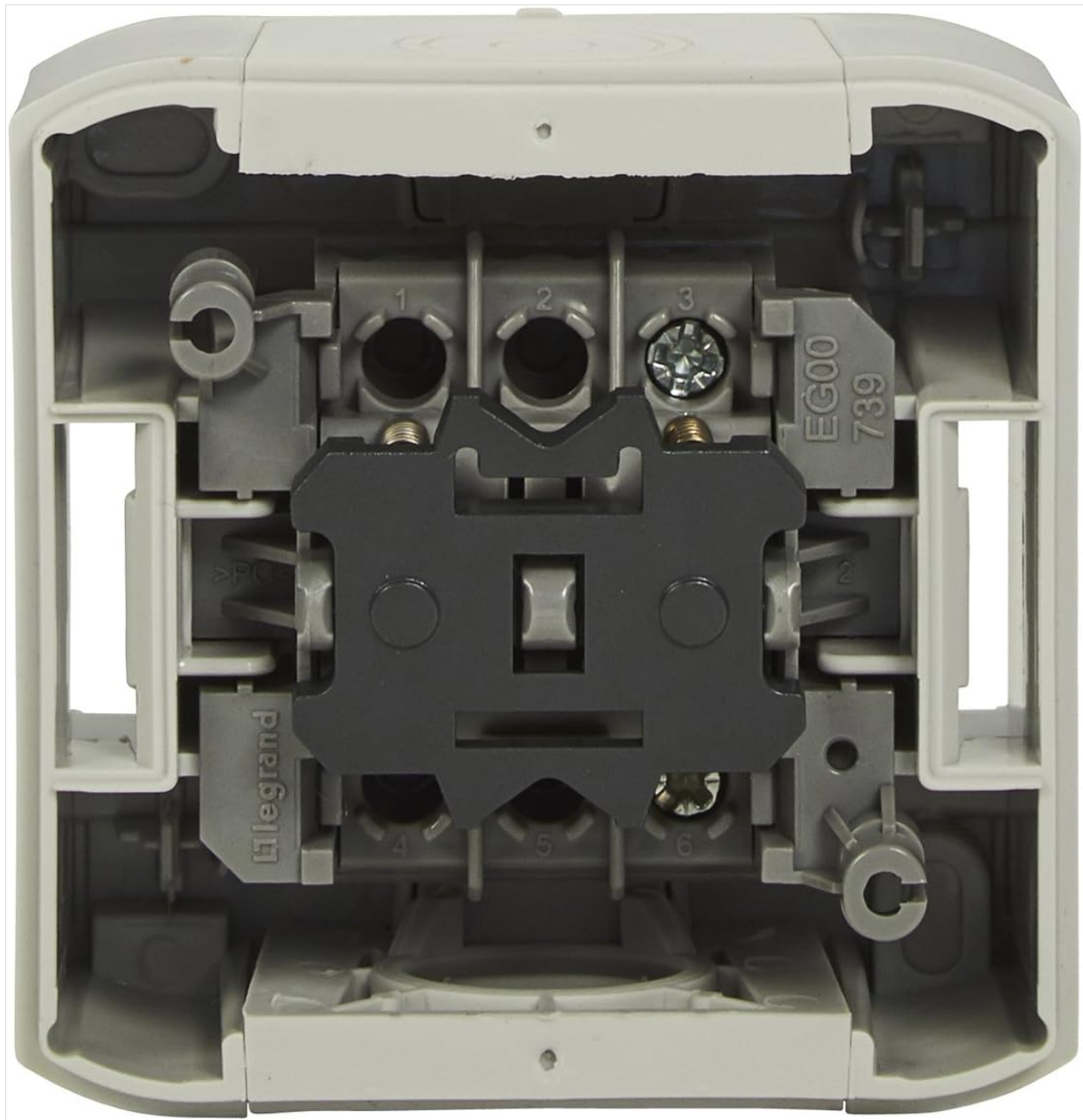


Figure 2: Internal view with wiring terminals.

1. Identify the incoming live (phase) wire and the outgoing switched live wire to the load (e.g., light fixture).
2. Carefully strip approximately 10-12mm of insulation from the ends of the wires.
3. Feed the wires through the designated cable inlets on the switch housing. Ensure the cable glands are properly sealed to maintain the IP44 rating.
4. Connect the incoming live wire to one of the screw terminals (e.g., terminal 'L' or '1').
5. Connect the outgoing switched live wire to the other screw terminal (e.g., terminal 'L1' or '2').
6. Ensure all bare wire strands are fully inserted into the terminals and tighten the screws firmly. Tug gently on each wire to confirm a secure connection.
7. Neatly arrange the wires within the large wiring space to avoid pinching when closing the cover.
8. Replace the switch cover and secure it with the screws. Ensure the gasket (if present) is correctly seated for splash-proof protection.

5.4. Testing

1. Once installation is complete, restore power to the circuit at the main circuit breaker.
2. Press the switch button to turn the connected load ON and OFF. Verify proper operation.

- If the switch does not operate correctly, immediately disconnect power and re-check all wiring connections.

6. OPERATING INSTRUCTIONS

The Legrand 782384 Forix switch operates as a simple ON-OFF push-button switch.

- To Turn ON:** Press the switch button. The connected electrical load will receive power.
- To Turn OFF:** Press the switch button again. The connected electrical load will lose power.

7. MAINTENANCE

- Cleaning:** Clean the exterior of the switch with a soft, damp cloth. Do not use abrasive cleaners, solvents, or excessive water. Ensure power is off before cleaning.
- Inspection:** Periodically inspect the switch for any signs of damage, loose connections, or wear. If any damage is observed, disconnect power and replace the switch.
- Sealing:** Ensure the integrity of the IP44 seal, especially after opening the unit for inspection or maintenance.

8. TROUBLESHOOTING

- Switch Not Working:**
 - Check if the main power supply to the circuit is ON at the circuit breaker.
 - Ensure all wiring connections are secure and correctly made (refer to Section 5.3).
 - Verify that the connected load (e.g., light bulb) is functional.
- Intermittent Operation:**
 - This often indicates a loose wire connection. Disconnect power and re-check all terminals.
- Visible Damage:**
 - If the switch housing is cracked or damaged, or if there are signs of burning, immediately disconnect power and replace the unit. Do not attempt to repair.

If troubleshooting steps do not resolve the issue, consult a qualified electrician.

9. SPECIFICATIONS

Specification	Value
Brand	Legrand
Model	782384
Operation Mode	ON-OFF
Current Rating	10 Amps
Operating Voltage	240 Volts
Contact Type	Normally Open

Connector Type	Screw Terminals
Switch Type	Push Button
Terminal	Pins
Material	Plastic (Housing), Copper, Brass (Contacts)
Item Dimensions (L x W x H)	2.76 x 2.17 x 2.76 inches
Circuit Type	1-way
Mounting Type	Wall Mount (Surface-Mounted)
Number of Positions	1
Control Method	Push Button
Color	Grey
Unit Count	1.0 Count
Specification Met	IP44
Global Trade Identification Number (GTIN)	03245067823842

10. WARRANTY AND SUPPORT

Legrand products are manufactured to high standards and are typically covered by a manufacturer's warranty against defects in materials and workmanship. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or visit the official Legrand website.

For technical support, product inquiries, or assistance with installation, please contact Legrand customer service through their official channels. Contact information can usually be found on the product packaging or the Legrand website.