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## DEWENWILS 15A

# DEWENWILS 15A GFCI Switch Outlet Combo Instruction Manual

Model: 15A

## 1. INTRODUCTION

This manual provides essential information for the safe installation, operation, and maintenance of your DEWENWILS 15A GFCI Switch Outlet Combo. This device combines a Ground Fault Circuit Interrupter (GFCI) outlet with a single-pole switch, designed for enhanced electrical safety and convenience in various environments.

Please read these instructions thoroughly before installation and retain this manual for future reference.

## 2. PRODUCT FEATURES

- **High Efficiency & Safety:** Supports 125VAC/60HZ and up to 15A current, with an integrated 10A switch. ETL certified for stable and safe operation.
- **Integrated Panel Design:** Combines a GFCI socket and a single-pole switch into one sleek white panel, optimizing space. The switch can be wired for regular operation.
- **LED Indicator & Self-test:** A continuous green LED indicates proper GFCI function. A red light indicates a potential fault, prompting replacement or repair. Automatic self-tests occur every 40 seconds, with a brief red flash.
- **Child Safety & Weather Resistance:** Features Tamper-Resistant (TR) receptacles to prevent foreign objects from being inserted, reducing electric shock risk. Weather-Resistant (WR) construction ensures performance in changing weather conditions.
- **Wide Application:** Suitable for bathrooms, kitchens, garages, and humid areas like pools and outdoor spaces (when used with a waterproof box).

## 3. SAFETY INFORMATION

- Always turn off power at the circuit breaker or fuse box before installing or servicing the GFCI device.
- Installation should be performed by a qualified electrician or a knowledgeable individual familiar with electrical wiring.
- Ensure all wiring connections are secure and comply with local electrical codes.
- Do not use in wet locations unless protected by a waterproof enclosure.
- Test the GFCI monthly to ensure proper function.

## 4. PACKAGE CONTENTS

- GFCI Switch Outlet Combo × 1

## 5. SPECIFICATIONS

Specification	Value
Product Dimensions	4.4"L x 2.5"W x 0.04"D
Item Weight	4.5 ounces
Brand	DEWENWILS
Color	White
Compatible Devices	Any device requiring a 125VAC 15A electrical connection
Material	Polycarbonate (PC)
Manufacturer	DEWENWILS

## 6. INSTALLATION

**WARNING:** To avoid fire, shock, or death, turn off power at the circuit breaker or fuse box and test that power is off before wiring. Improper installation can lead to serious injury or death. If you are unsure about any part of these instructions, consult a qualified electrician.

### 6.1. General Wiring Considerations

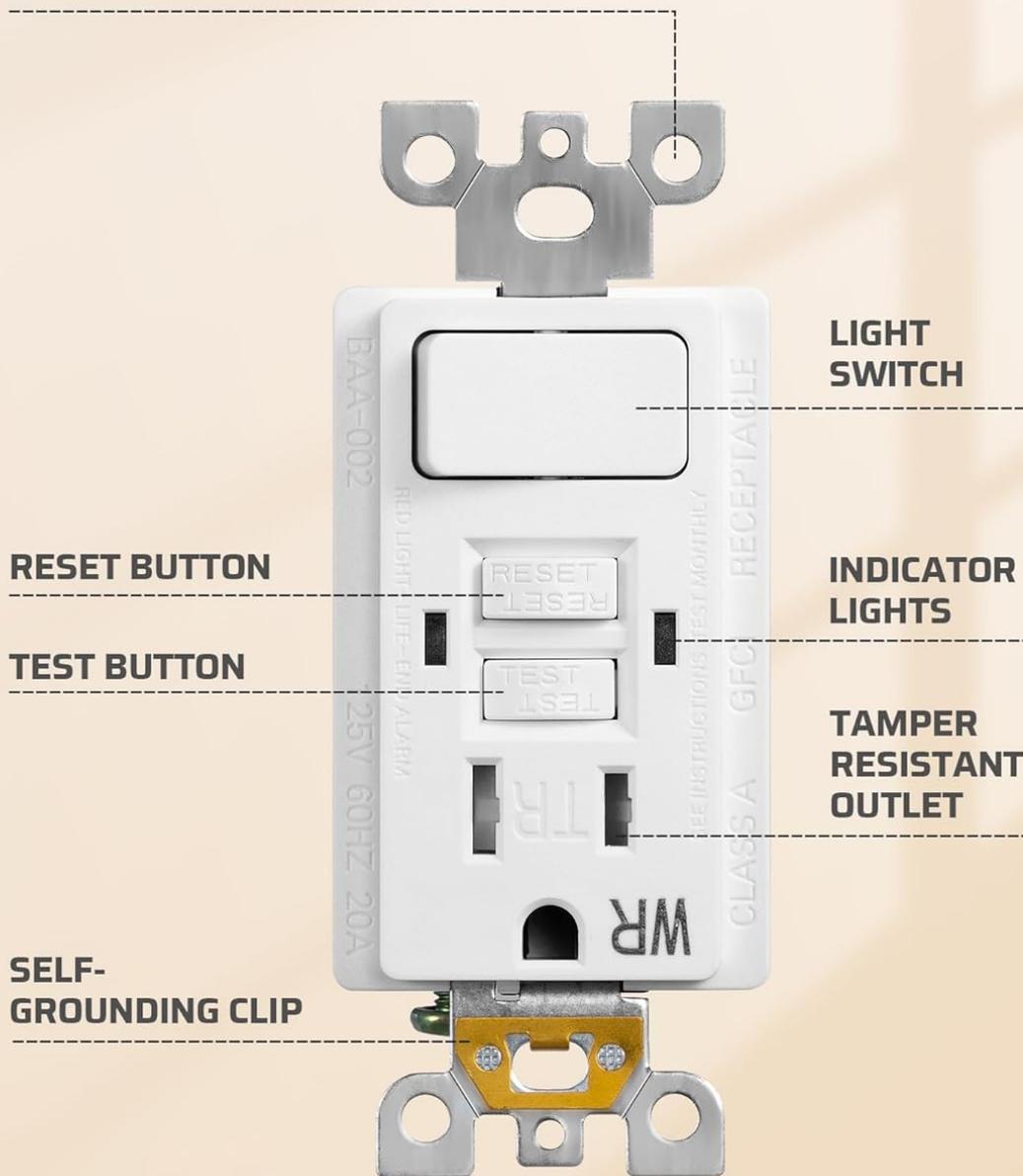
The DEWENWILS GFCI Switch Outlet Combo requires an electrical box with at least three wires: Line/Hot (usually black), Neutral (usually white), and Ground (bare or green insulated wire).



Image: Electrical Box Wiring Requirements

Familiarize yourself with the components of the GFCI Switch Outlet Combo:

**BREAK-OFF PLASTER EARS**



**LIGHT SWITCH**

**RESET BUTTON**

**INDICATOR LIGHTS**

**TEST BUTTON**

**TAMPER RESISTANT OUTLET**

**SELF-GROUNDING CLIP**

Image: GFCI Switch Outlet Combo Labeled Parts

The dimensions of the device are:

# SIZE OF THE GFCI OUTLET

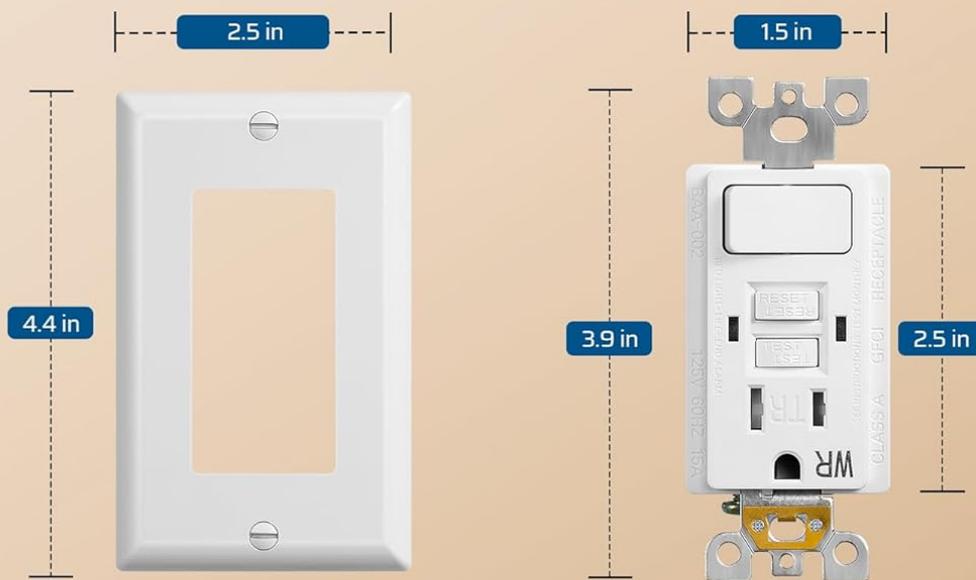


Image: GFCI Switch Outlet Combo Dimensions

## 6.2. Installation Video Guide

For a visual guide on installation, please refer to the official video below:

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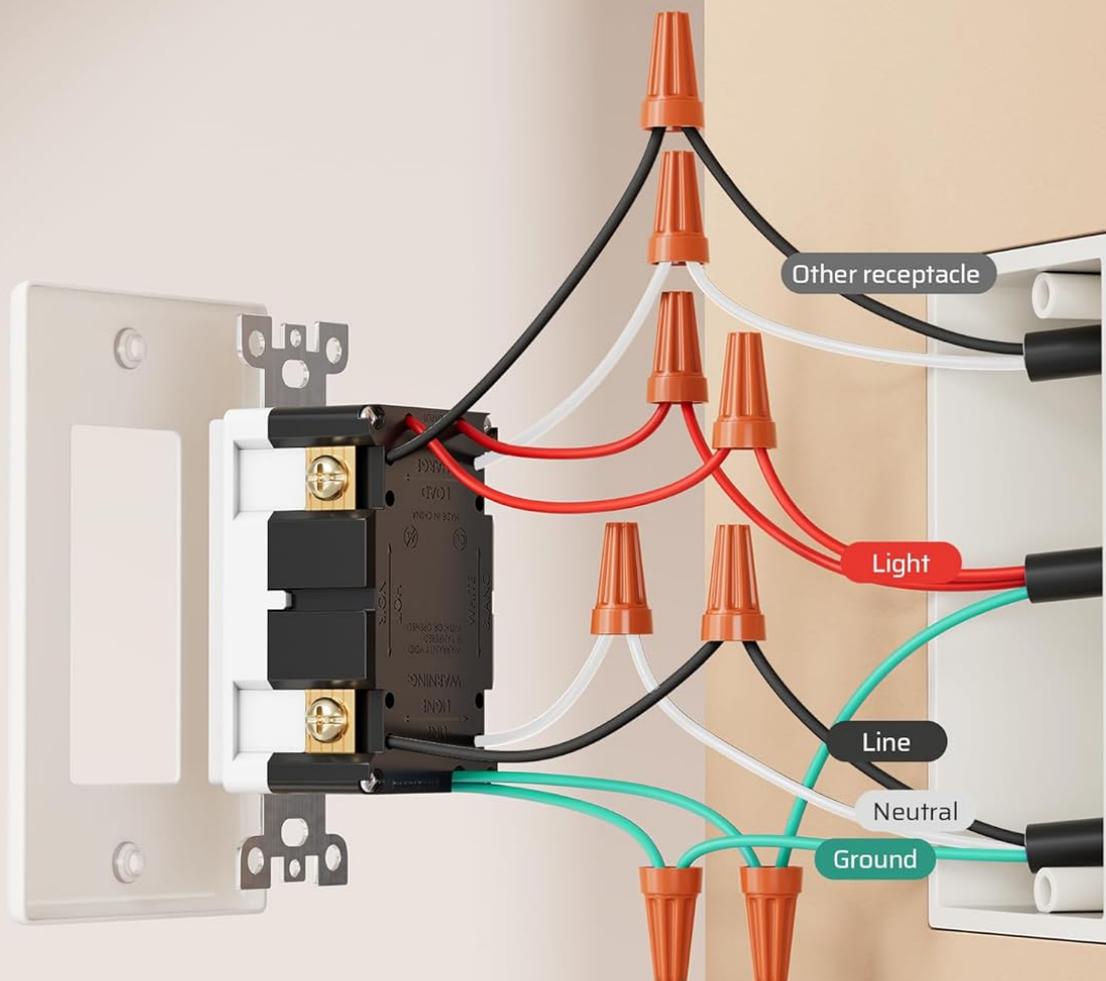
Video: How to Install the DEWENWILS GFCI Outlet Easily. This video demonstrates the step-by-step process for wiring and installing the GFCI switch outlet combo.

## 6.3. Wiring Methods

There are different wiring methods depending on your specific circuit configuration. Always ensure power is off before proceeding.

# EASY TO INSTALL

Three cables (6 or 9 wires) entering the box



**Line/hot wire:** Usually black

**Neutral wire:** Usually in white

**Ground wire:** Bare wire or Green insulated wire

**Light load :** Red or Blue or Black insulated wire

Image: Easy Installation Wiring Diagram

## Method 1: Lighting Circuits Integrated into an Energized Household System

In this scenario, lighting wires in the electrical junction box are energized.

1. Connect the line cable (bringing power from the circuit breaker) to the switch.
2. Connect the switch leads to the switch-controlled LOAD (e.g., lamp load line, hot).
3. Connect the LOAD (receptacle) cable wires to the GFCI LOAD terminals: white wire to the WHITE terminal, black wire to the HOT terminal.
4. Connect the ground wire to the ground terminal.

## THE ELECTRICAL BOX MUST CONTAIN THREE WIRES

Line/hot wire: Usually black  
Neutral wire: Usually in white  
Ground wire: Bare wire or Green insulated wire  
Light load : Red or Blue or Black insulated wire

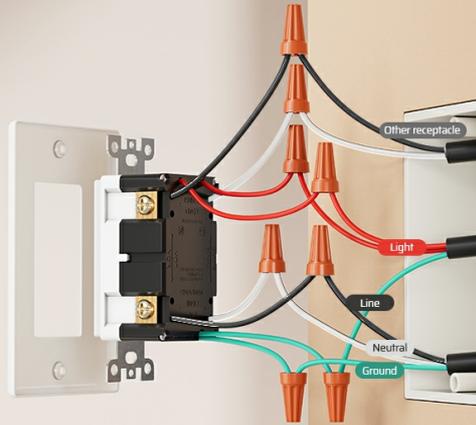


Image: Wiring Methods Diagram

### Method 2: Wiring Method for Non-Integrated Lighting Circuits

In this scenario, lighting wires in the electrical junction box extend solely from the fixture and remain non-energized.

1. Connect the line cable (bringing power from the circuit breaker) to the switch.
2. Connect the lamp load and lamp neutral wires.
3. Connect the LOAD (receptacle) cable wires to the GFCI LOAD terminals: white wire to the WHITE terminal, black wire to the HOT terminal.
4. Connect the ground wire to the ground terminal.

### Method 3: Wiring Method for Switch-Controlled Outlet Operation

This method allows the switch to control the GFCI outlet itself.

1. Connect the hot wire to the switch.
2. Connect the switch output to the GFCI LINE terminals.
3. Connect the neutral wire to the GFCI LINE neutral terminal.
4. Connect the ground wire to the ground terminal.

## 7. OPERATION

Once installed and power is restored, the GFCI Switch Outlet Combo is ready for use.

- **Switch Operation:** Press the top or bottom of the switch toggle to turn the connected lighting or appliance ON/OFF, depending on your wiring configuration.
- **GFCI Outlet Use:** Insert a plug into the tamper-resistant receptacle. The tamper-resistant shutters may require a firm, even push to open when first used.



- Integrated outlet and switch on one panel
- GFCI outlet with single-pole switch
- Can be used as a regular switch after wiring

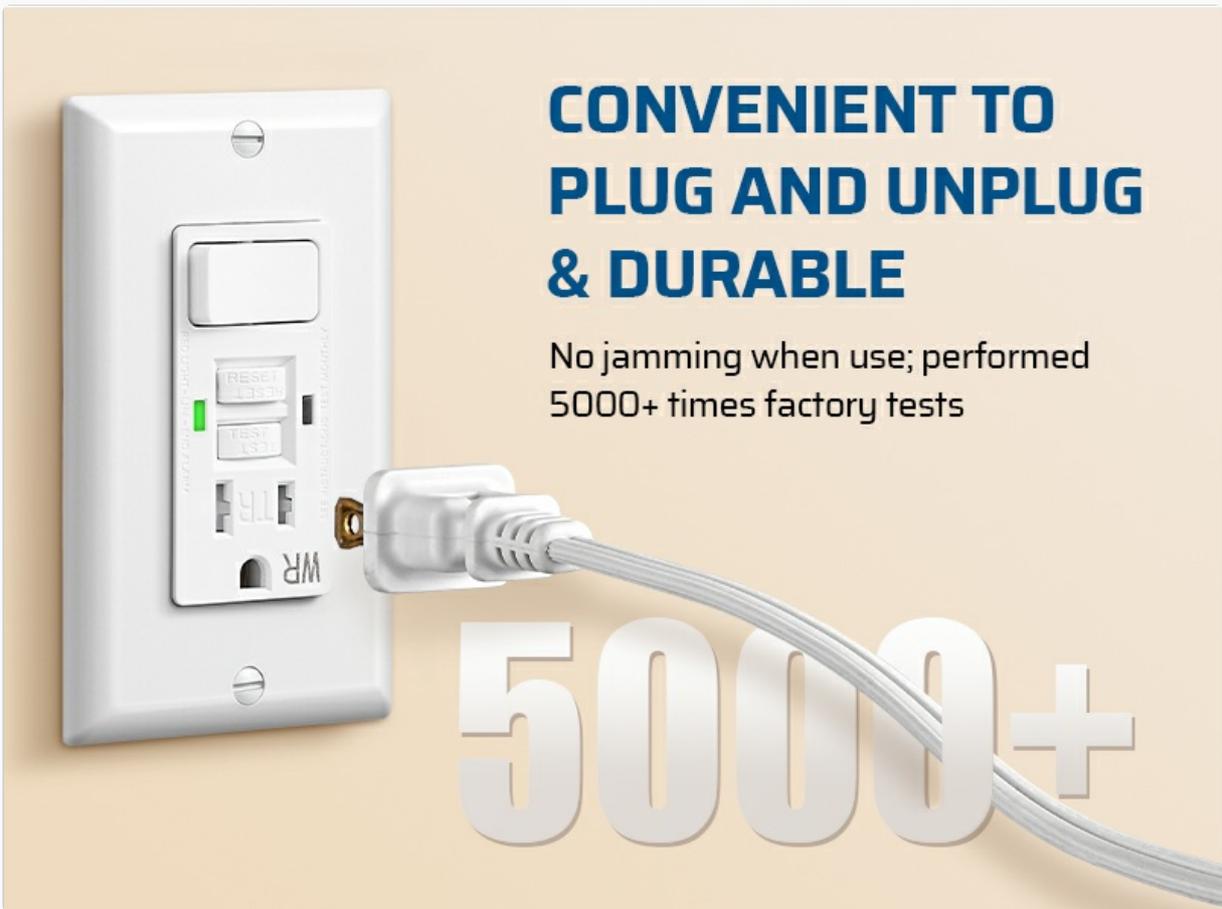
Image: Integrated Outlet and Switch in Use



## TAMPER RESISTANT

Prevent accidental insertion of sharp objects or unintentional contact with children and pets (maybe tighter when first used).

Image: Tamper-Resistant Feature



## CONVENIENT TO PLUG AND UNPLUG & DURABLE

No jamming when use; performed  
5000+ times factory tests

# 5000+

## 8. SELF-TEST FUNCTION AND LED INDICATORS

The GFCI Switch Outlet Combo is equipped with a self-test function and LED indicators to ensure continuous protection.

- **Green LED Light:** A continuous green light indicates that the GFCI socket is functioning properly and providing ground fault protection.
- **Red LED Light (Blinking):** The red LED light will briefly blink once every 40 seconds to indicate a successful automatic self-test. This is normal operation.
- **Red LED Light (Solid ON):** If the red LED light stays ON, it indicates that a ground fault has been detected, or the self-test has failed. In this case, the GFCI has tripped or is no longer providing protection and must be immediately replaced.

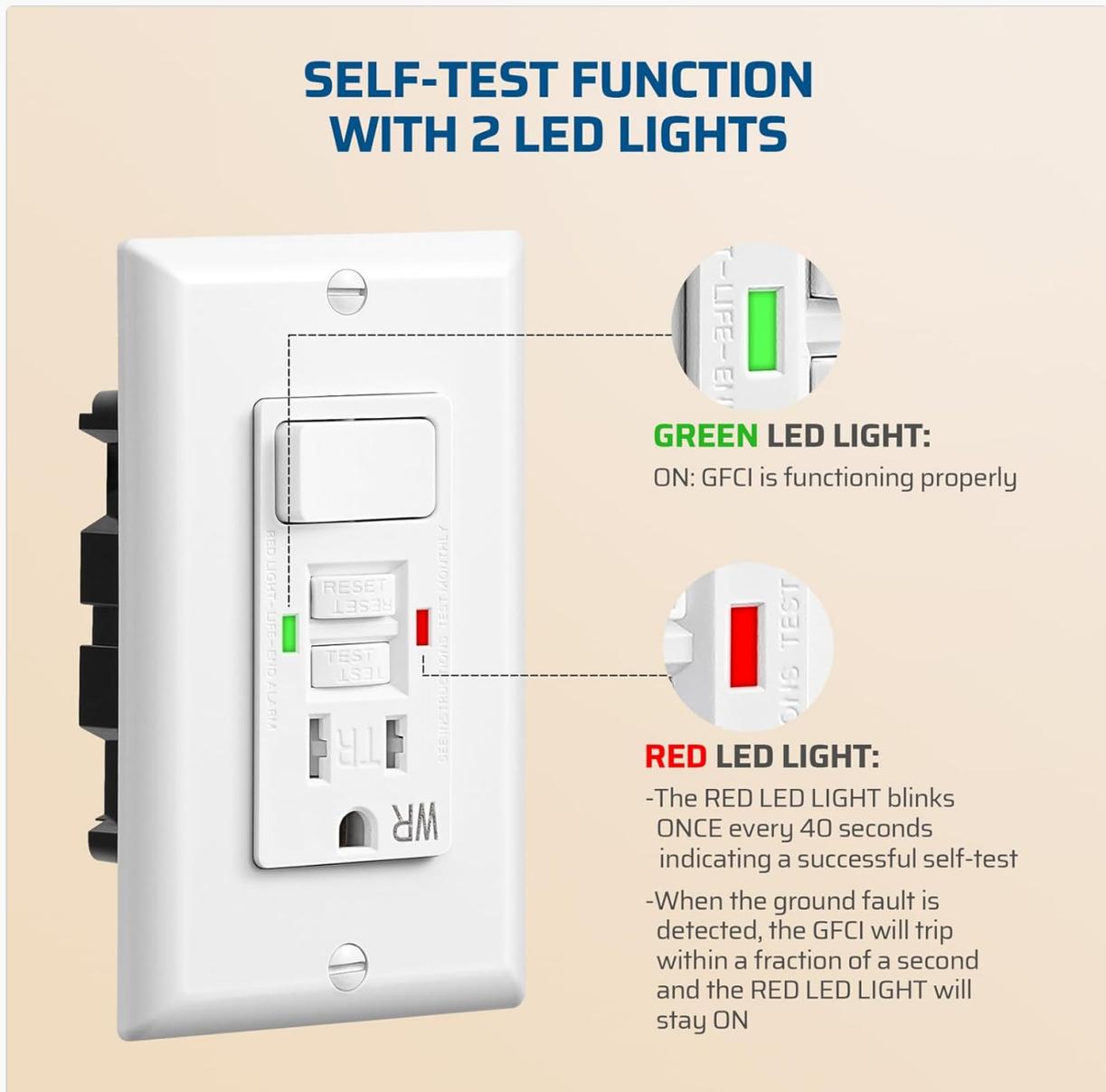


Image: Self-Test Function with LED Lights

To manually test the GFCI, press the "TEST" button. The GFCI should trip, and the red LED should turn on. Then, press the "RESET" button. The green LED should turn on, indicating it has reset and is providing protection.

## 9. TROUBLESHOOTING

- **GFCI Trips Frequently:** This indicates a persistent ground fault. Unplug all devices from the GFCI outlet and any downstream outlets it protects. If it still trips, there may be a wiring issue or a fault within the GFCI device itself. Consult an electrician.
- **GFCI Will Not Reset:** Ensure there is power to the circuit. If the red LED is solid ON, the GFCI may be faulty and needs replacement. If there is no power, check your circuit breaker.
- **No Power to Outlet:** Check the circuit breaker. If the GFCI has tripped, press the "RESET" button. If the GFCI does not reset or the breaker is not tripped, inspect wiring connections.
- **Switch Not Controlling Light/Appliance:** Verify wiring connections for the switch. Ensure the load wires are correctly connected to the switch terminals.

## 10. CARE AND MAINTENANCE

To maintain the performance and longevity of your DEWENWILS GFCI Switch Outlet Combo:

- **Cleaning:** Clean the device with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Regular Testing:** Perform the manual test monthly by pressing the "TEST" and then "RESET" buttons.
- **Weather Resistance:** For outdoor installations, ensure the GFCI is protected by a suitable weatherproof enclosure to maintain its weather-resistant properties.

# WEATHER RESISTANCE OUTDOOR

Don't worry anymore about the following



Image: Weather Resistance for Outdoor Use



Image: Wide Application Areas

## 11. WARRANTY AND SUPPORT

DEWENWILS products are designed for reliability and performance. For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official DEWENWILS website. Please have your model number (15A) and purchase date available when contacting support.