

PRODUCT SPECIFICATIONS

Introducing the SmartlockPro® Self-Test GFCI

It's smart to test a GFCI monthly. Now there's one that tests itself.

Testing a GFCI is a good idea that's sometimes forgotten. Now the SmartlockPro Self-Test GFCI automates the process and performs a self-test every fifteen minutes. It adds an extra level of safety, testing itself to confirm that protected power is available. If the self-test detects any condition that would indicate GFCI protection might be compromised, visual and audible indicators provide an alert. It also has our patented RESET lockout feature that prevents RESET if the GFCI cannot respond to a ground fault. As an additional safeguard, the Self-Test GFCI is tamper-resistant to meet the latest National Electrical Code® for child safety. All these robust features are packed into the **slimmest** GFCI profile on the market for easier installation in residential and commercial settings.

Applications

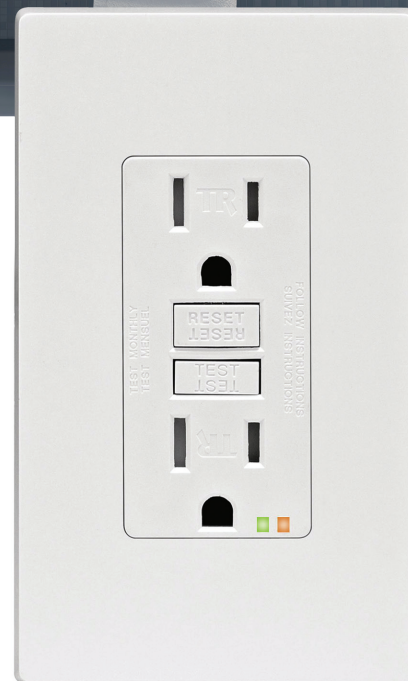
Residential - Kitchens, bathrooms, garages, basements, laundry rooms, wet sinks, and other wet locations around the home where the risk of electrical shock is higher

Educational Facilities - Classrooms, restrooms, childcare sites, laboratories, dormitories and kitchens

Restaurants, Airports, Lodging and Retail Malls - Public bathrooms, general use and maintenance areas

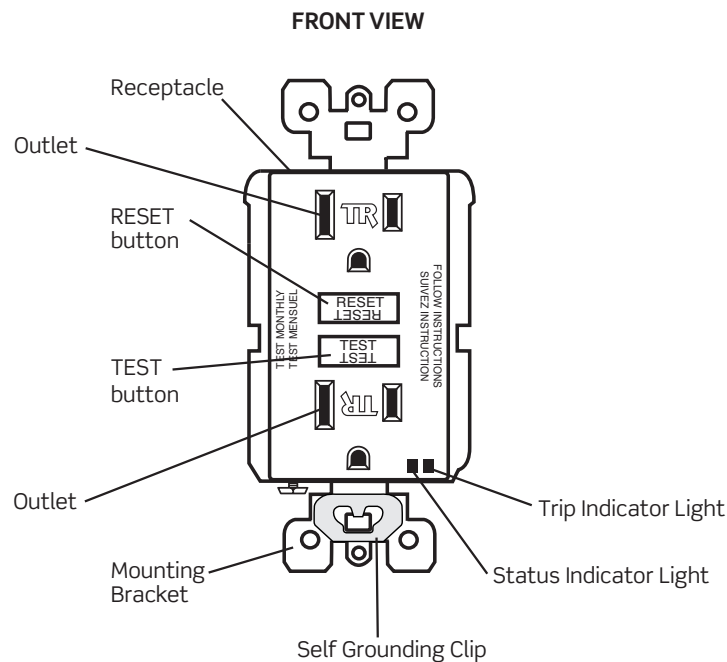
Commercial Offices - Bathrooms, basement areas, hallways and kitchen facilities

Public Areas - Wherever receptacles are required near wet or damp locations



Shown with optional Decora Plus™ Screwless Wallplate (Cat. No. 80301)

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Self-Test Indicators:

Status Indicator Light	Trip Indicator Light	Action
Green	Off	None. GFCI is functioning normally.
Green	Amber	Manually press the RESET button to power the device. If it does not RESET, Replace GFCI.
Off	Amber	Replace GFCI.
Red (Blinks) + Beep	Off	Manually press the TEST button to shut off the beep. Replace GFCI.
Red (Blinks)	Amber	Replace GFCI.
Off	Off	Manually press the TEST button. Amber light should come on. Press the RESET button. If the GFCI does not RESET, Replace GFCI.

NOTE: Although the SmartlockPro® Self-Test GFCI is designed to perform a self-test every 15 minutes in the RESET state, it is recommended that a manual test be performed every month by pressing the TEST button.

Features and Benefits

Self-Test with Patented RESET Lockout

- Automatically tests the GFCI every 15 minutes and alerts users if protection has been compromised
 - Two indicator lights and an audible beep signal GFCI status
- Manually pushing the TEST button, then the RESET button tests the GFCI
- Blocks the RESET button if GFCI protection has been compromised, reducing the possibility of end-users incorrectly assuming that a reset GFCI is providing ground fault protection when it is not
- Patented bridge contact design provides individual sets of contacts for GFCI receptacle face and downstream receptacles

Slim, Shallow Design

- Reduced depth makes it easier to install in electrical boxes
- Provides up to 25% more space in the wallbox vs. other GFCIs
- Terminals allow for easy wiring options - back and side wire capable
- External back wire clamps provide visual indication of proper clamping

General

- Trip threshold meets or exceeds UL requirements for tripping time
- Improved immunity to high frequency noise reduces nuisance tripping
- Advanced electronics provide superior resistance to electrical surges and over-voltages
- Silver alloy contacts
- Impact-resistant thermoplastic cover and body
- Expanded wiring options with external wiring clamps
- One-piece T-design trip latch mechanism provides efficient operation
- Available in 15A and 20A versions, all with Fed Spec rating
- TEST and RESET button colors match device face
- Compatible with all Decora® devices and wallplates; available in select Decora colors
- Limited Two-Year Warranty

Tamper-Resistant

- TR symbol assures compliance with the latest National Electrical Code® requirements for tamper-resistant receptacles in residences and childcare facilities

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Agency Standards and Compliance

- Meets UL Fed Spec WC-596
- Meets or exceeds the latest UL requirements including end of life and disconnection of power from GFCI face on line-load reversal
- UL Standard 943 Class A (GFCI) and 498 (Receptacles)

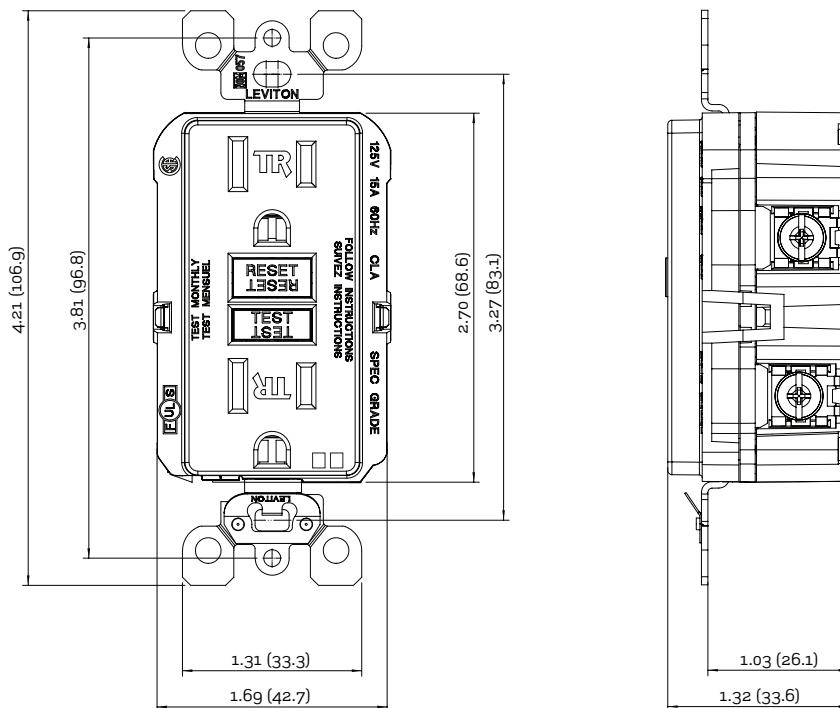
Key Specifications

- Amperage: 15 Amp/20 Amp
- Voltage: 125 Volt
- Surge Withstand: Meets the 2006 UL 943 Surge Testing (3kA, 6kV)
- NEMA: 5-15R/5-20R
- Pole: 2
- Wire: 3
- Trip Level: Class A, 5mA plus or minus 1mA
- Termination: Back and Side
- Grounding: Self-Grounding
- Strap Material: Galvanized Steel
- Standards and Certifications: UL Fed Spec/CSA
- Warranty: 2-Year Limited

Specification Details

AC Horsepower Ratings	Electrical Specifications	Environmental Specifications	Material Specifications	Mechanical Specifications	Standards and Certifications
At Rated Voltage: 1 HP	Dielectric Voltage: Withstands 2000V per UL498 Short Circuit Current Rating: 10kA Temperature Rise: Max 30°C after 100 cycles OL at 150 percent rated current	Flammability: Rated V-2 per UL94 Operating Temperature: -35°C to +66°C	Face Material: Thermoplastic Body Material: Polycarbonate Line Contacts: 0.031" thick Brass, Double Wipe Terminal Screws: Plated Steel Grounding Screw: Plated Steel Yoke: Zinc-Plated Steel Clamp Nuts: Zinc-Plated Steel Notes: w/Wallplate	Terminal ID: Brass-Hot, Green-Ground, Silver-Neutral Terminal Accommodation: 14-10 AWG Product ID: Ratings are permanently marked on device	NEMA: WD-6 ANSI: C-73 UL498: File E13399 CSA C22.2 No. 42: File LR-57811 NOM: 057 UL 943: File E48380 UL Fed Spec WC-596: Yes

Dimensional Drawings



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Ordering Information

SmartlockPro® Self-Test GFCI Receptacles

Description	Rating	Cat. No.	Color
Tamper-Resistant Self-Test GFCI	15A-125V @ Receptacle, 20A-125V Feed-Through NEMA 5-15R 	S7599-W	White
		S7599-I	Ivory
		S7599-T	Light Almond
		S7599-GY	Gray
		S7599-E	Black
		S7599	Brown
Tamper-Resistant Self-Test GFCI	20A-125V @ Receptacle, 20A-125V Feed-Through NEMA 5-20R 	S7899-W	White
		S7899-I	Ivory
		S7899-T	Light Almond
		S7899-GY	Gray
		S7899-E	Black
		S7899	Brown

List of patents:

This product is covered by the following U.S. Patent Nos.
6,040,967; 6,246,558; 6,282,070; 6,381,112; 6,437,700; 6,437,953; 6,646,838; 6,657,834; 6,788,173;
6,864,766; 6,900,972; 6,944,001; 7,082,021; 7,336,458; 7,355,117; 7,400,479; 7,463,124; 7,697,252;
7,737,809; 7,764,151; 7,820,909; 7,868,719 (applies to 20A) and corresponding foreign patents.

SmartlockPro® is a registered trademark of Leviton Manufacturing Co., Inc.
National Electrical Code® is a registered trademark of the National Fire Protection Association, Inc.

SmartlockPro® Self-Test GFCI

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