



### New SmartlockPro® Self-Test GFCIs For Smarter Protection.

Industry-leading quality, professional grade lockout action, and the slimmest profile on the market make SmartlockPro Self-Test GFCIs a smart choice in ground fault circuit interrupter protection. Engineered to meet the latest UL standard for auto-monitoring (self-test), our complete line of self-test GFCIs periodically conduct an automatic internal test to confirm that protected power is available. If the GFCI detects a problem, one or more of the following will occur:

- Power will be denied (trip with the inability to reset)
- Trip with the ability to reset, subject to the next auto-monitoring test cycle or repeatedly trip
- Visual and/or audible indication

Faster and easier to install in any wallbox because the depth is reduced, our slim Self-Test GFCIs flush mount to the wall with minimal protrusion for a sleek, finished look.

#### Applications

**Residential** - Kitchens, bathrooms, garages, basements, laundry rooms, wet sink and other wet locations around the home

**Educational Facilities** - Classrooms, restrooms, laboratories, dormitories and kitchens

**Airports** - Public bathrooms, general use and maintenance areas

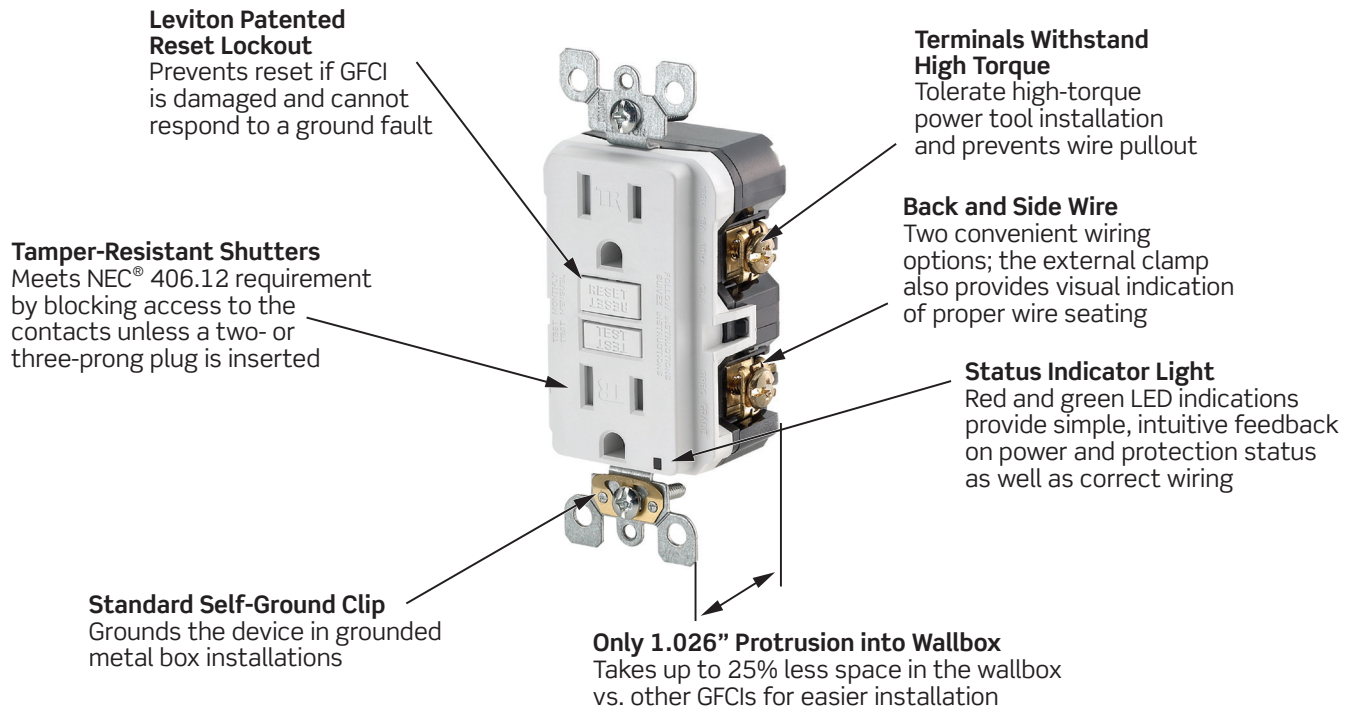
**Restaurants, Lodging and Retail Malls** - Public bathrooms, general use and maintenance areas

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

**Public Areas** - Wherever receptacles are located near wet or damp locations



## Features and Benefits



### Self-Test

- Provides continuous ground fault protection - detects and trips on actual ground fault even when self-test is being conducted
- On initial power up, tests the GFCI within 3 seconds
- Auto-monitoring exceeds the UL requirement
- Auto adapts and shifts to more frequent testing if potential problem is detected
- Testing frequency regularly updates protection status
- Electronics are designed to minimize any false triggers

### General Features

- Patented bridge contact provides individual sets of contacts for GFCI receptacle face and downstream receptacles; no power will be delivered to receptacle face if improperly wired (line-load reversed)
- Trip threshold meets or exceeds UL requirements for tripping time
- Improved immunity to high frequency noise reduces nuisance tripping
- Advanced electronics provides superior resistance to electrical surges and over-voltages
- Patented Lockout Action prevents reset if GFCI is damaged and cannot respond to a ground fault
- Status Indicator Light provides simple, intuitive feedback on power and protection status as well as indication of line/load reversal
- Silver alloy contacts
- Impact-resistant thermoplastic cover and body
- 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 Product Warranty

### Tamper-Resistant (TR) Models

- Complies with NEC® requirement mandating that all 15A and 20A receptacles installed in dwelling units be listed as tamper-resistant
- Shutter mechanism inside the receptacle blocks access to the contacts unless a two- or three-prong plug is inserted

### Duplex Guide Light Models

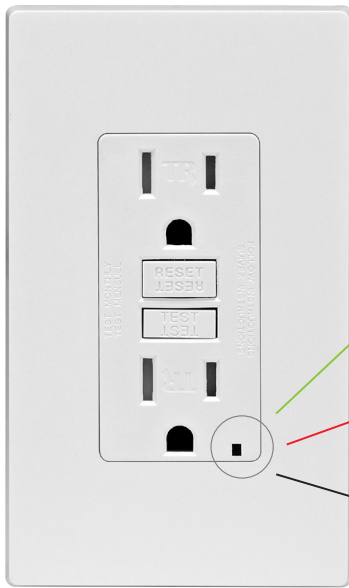
- Sensor provides automatic ON/OFF based on ambient lighting
- Dual lens provides visible light with a variety of plugs or transformers
- Custom designed lenses with edge-mounted LEDs improve light dispersion
- Energy-efficient (~1W of electricity). No bulbs to replace
- Saves space by eliminating the need to use an outlet for a plug-in night light

### Weather-Resistant Models

- Designed for wet and damp locations to meet the requirements of NEC Section 406.8
- Stainless steel strap and screws
- Conformal coated PC board to protect critical components from moisture
- Cold impact resistant face and buttons
- UV stabilized plastics

### Audible Models

- Audible alarm sounds when the GFCI trips, providing an alert that power has been disconnected from load(s) plugged into or fed from the GFCI
- Indicator light provides visual status



## Status Indicator Light

Leviton GFCI devices feature an LED Status Indicator Light which provides a visual indication to the user of the status of GFCI protection. This is a convenient way to check the level of protection at-a-glance.

### GREEN LED - NORMAL OPERATION

- GFCI has passed self-test and is providing power

### RED LED - ALERT!

- Blinking - Initial self-test upon first power up
- Solid or blinking - Press TEST and RESET buttons to reset GFCI
- If GFCI will not reset OR solid or blinking red continues, replace device

### NO LED - NO POWER

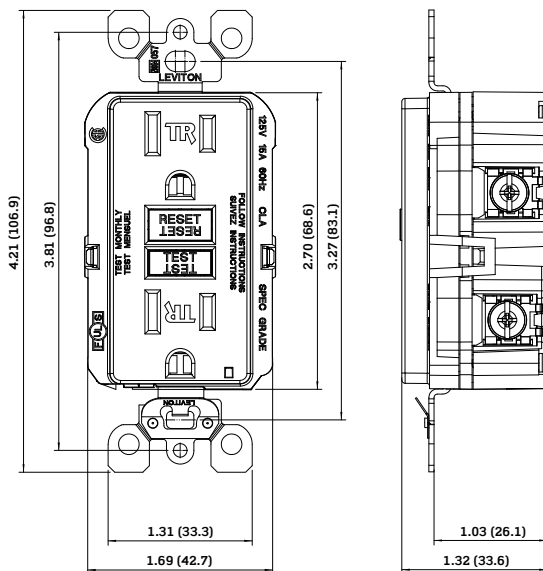
- GFCI in tripped state
- Press RESET button
- If GFCI will not reset, no power on the circuit

## Agency Standards and Compliance

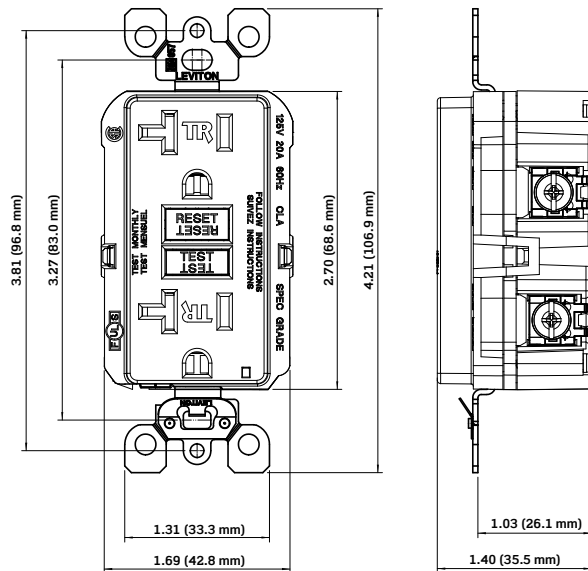
- Meets the latest UL and CSA requirements
- UL Standard 943 Class A (GFCI) and 498 (Receptacles)
- UL Listed (File #E-48380)
- CSA Standard C22.2 - 144.1 (GFCI) and 42 (Receptacles)
- CSA Certified (File #LR-57811)
- NOM Certified
- Meets Federal Specification W-C-596G (blank face - exception)

## Material Characteristics

- Environmental: Flammability UL-94 V2 Rating
- Operating Temperature: -35°C to 66°C
- Material: Face, Thermoplastic; Body, Polycarbonate



**15A SmartlockPro® Self-Test GFCI**



**20A SmartlockPro® Self-Test GFCI**

## Ordering Information

### Commercial Spec Grade – Back and Side Wired

| Description                                                                                                | Color        | Cat. No.                                       |          | Cat. No.                                       |          |
|------------------------------------------------------------------------------------------------------------|--------------|------------------------------------------------|----------|------------------------------------------------|----------|
| NEMA                                                                                                       |              | NEMA 5-15R                                     |          | NEMA 5-20R                                     |          |
| Rating                                                                                                     |              | 15A-125V @ Receptacle<br>20A-125V Feed-Through |          | 20A-125V @ Receptacle<br>20A-125V Feed-Through |          |
|                                                                                                            |              | TR                                             | Non-TR   | TR                                             | Non-TR   |
| Duplex with LED Indicator<br>(with self-grounding clip)                                                    | White        | GFTR1-W                                        | GFNT1-W  | GFTR2-W                                        | GFNT2-W  |
|                                                                                                            | Ivory        | GFTR1-I                                        | GFNT1-I  | GFTR2-I                                        | GFNT2-I  |
|                                                                                                            | Light Almond | GFTR1-T                                        | GFNT1-T  | GFTR2-T                                        | GFNT2-T  |
|                                                                                                            | Gray         | GFTR1-GY                                       | GFNT1-GY | GFTR2-GY                                       | GFNT2-GY |
|                                                                                                            | Black        | GFTR1-E                                        | GFNT1-E  | GFTR2-E                                        | GFNT2-E  |
|                                                                                                            | Brown        | GFTR1                                          | GFNT1    | GFTR2                                          | GFNT2    |
|                                                                                                            | Red          | -                                              | -        | -                                              | GFNT2-R  |
| Duplex Weather-Resistant/<br>Outdoor Grade with LED Indicator                                              | White        | GFWT1-W                                        | GFWR1-W  | GFWT2-W                                        | GFWR2-W  |
|                                                                                                            | Ivory        | GFWT1-I                                        | -        | GFWT2-I                                        | -        |
|                                                                                                            | Light Almond | GFWT1-T                                        | -        | GFWT2-T                                        | -        |
|                                                                                                            | Gray         | GFWT1-GY                                       | -        | GFWT2-GY                                       | -        |
|                                                                                                            | Black        | GFWT1-E                                        | GFWR1-E  | GFWT2-E                                        | GFWR2-E  |
| Duplex Guide Light<br>with LED Indicator<br>(with self-grounding clip)                                     | White        | GFNL1-W                                        | -        | GFNL2-W                                        | -        |
|                                                                                                            | Ivory        | GFNL1-I                                        | -        | GFNL2-I                                        | -        |
|                                                                                                            | Light Almond | GFNL1-T                                        | -        | GFNL2-T                                        | -        |
|                                                                                                            | Black        | GFNL1-E                                        | -        | -                                              | -        |
| Duplex with Audible Trip<br>Alert with LED Indicator<br>(with self-grounding clip)                         | White        | GFTA1-W                                        | -        | GFTA2-W                                        | -        |
|                                                                                                            | Ivory        | GFTA1-I                                        | -        | GFTA2-I                                        | -        |
|                                                                                                            | Light Almond | GFTA1-T                                        | -        | GFTA2-T                                        | -        |
| Combination Switch<br>with LED Indicator<br>(with self-grounding clip)<br>(15 Amp @ 120 VAC Switch rating) | White        | GFSW1-W                                        | -        | -                                              | -        |
|                                                                                                            | Ivory        | GFSW1-I                                        | -        | -                                              | -        |
|                                                                                                            | Light Almond | GFSW1-T                                        | -        | -                                              | -        |
| Blank Face with LED Indicator<br>(with self-grounding clip)<br>(20A feedthrough rating only)               | White        | GFRBF-W                                        |          |                                                |          |
|                                                                                                            | Ivory        | GFRBF-I                                        |          |                                                |          |
|                                                                                                            | Light Almond | GFRBF-T                                        |          |                                                |          |

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