Product Bulletin for
SmartlockPro® Self-Test GFCIs

LEVITON®

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
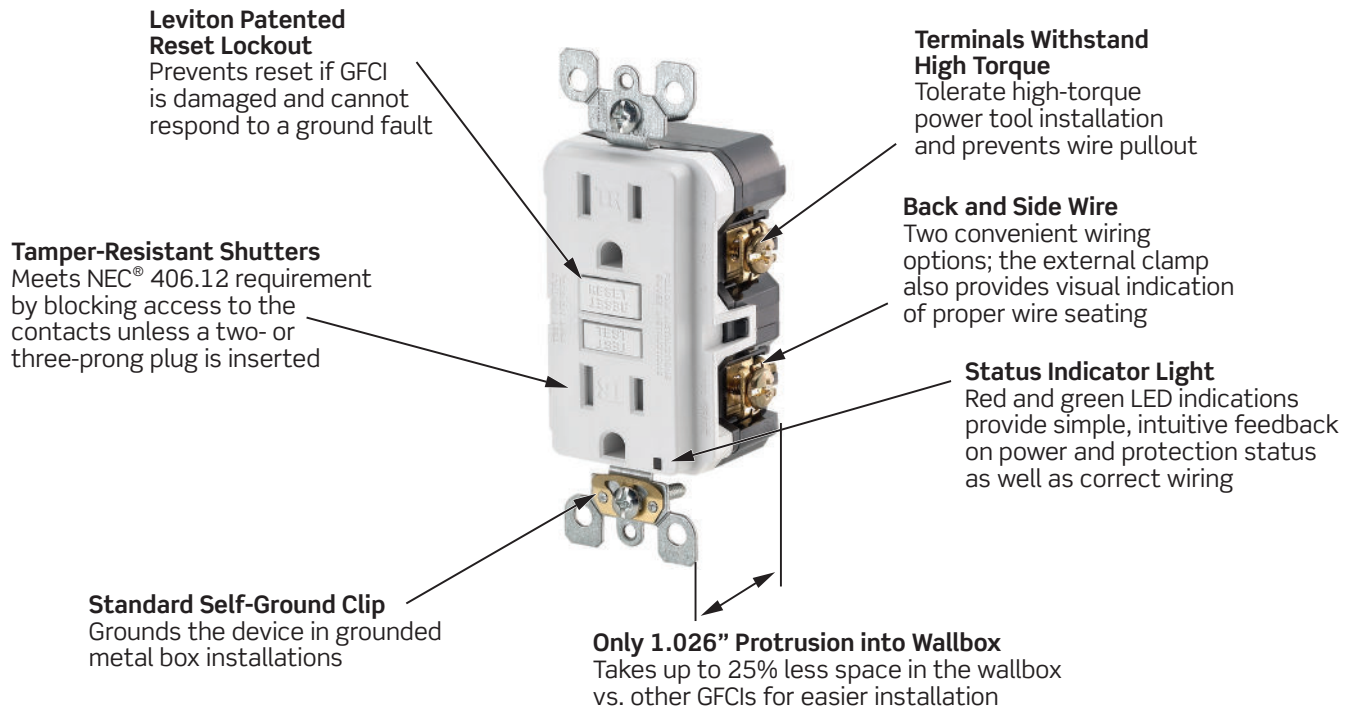**Airports** – Public bathrooms, general use and maintenance areas
Restaurants, Lodging and Retail Malls – Public bathrooms, general use and maintenance areas
Commercial Offices – Bathrooms, basement areas, hallways and kitchen facilities
Public Areas – Wherever receptacles are located near wet or damp locations

Features and Benefits

Leviton Patented Reset Lockout
Prevents reset if GFCI is damaged and cannot respond to a ground fault

Terminals Withstand High Torque
Tolerate high-torque power tool installation and prevents wire pullout

Tamper-Resistant Shutters
Meets NEC® 406.12 requirement by blocking access to the contacts unless a two- or three-prong plug is inserted

Back and Side Wire
Two convenient wiring options; the external clamp also provides visual indication of proper wire seating

Status Indicator Light
Red and green LED indications provide simple, intuitive feedback on power and protection status as well as correct wiring

Standard Self-Ground Clip
Grounds the device in grounded metal box installations

Only 1.026" Protrusion into Wallbox
Takes up to 25% less space in the wallbox vs. other GFCIs for easier installation

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
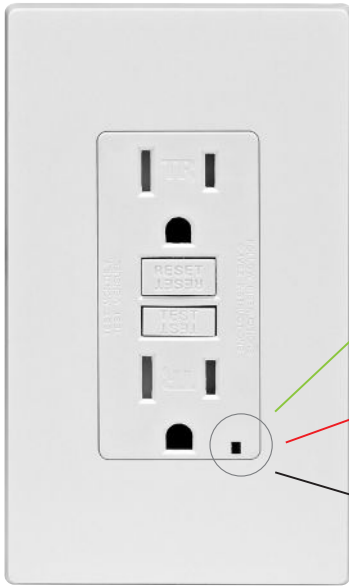
Duplex Guide Light Models
- Sensor provides automatic ON/OFF based on ambient lighting
- Dual lens provides visible light with a variety of plugs or transformers
- Custom designed lenses with edge-mounted LEDs improve light dispersion
- Energy-efficient (~1W of electricity). No bulbs to replace
- Saves 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
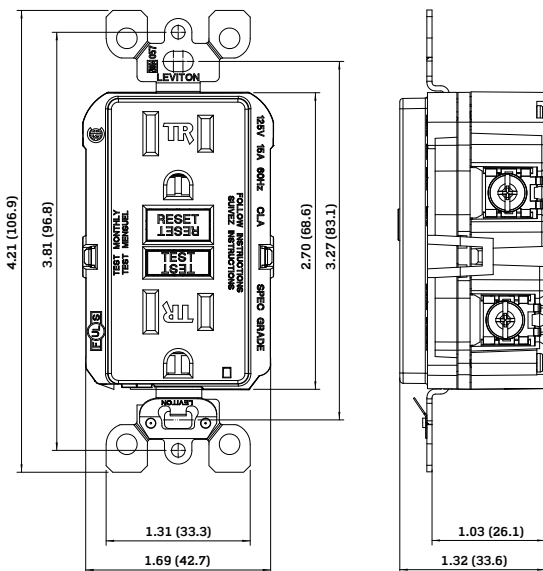
NO LED - NO POWER
- GFCI in tripped state
- Press RESET button
- If GFCI will not reset, no power on the circuit
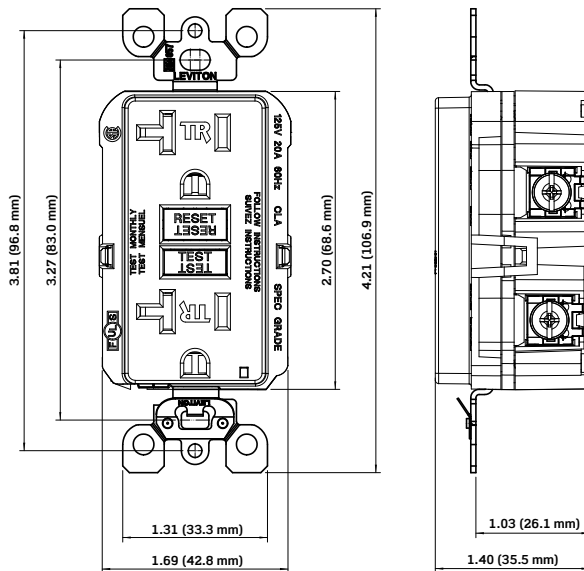
Agency Standards and Compliance
- Meets the latest UL and CSA requirements
- UL Standard 943 Class A (GFCI) and 498 (Receptacles)
- UL Listed (File #E-48380)
- CSA Standard C22.2 - 144.1 (GFCI) and 42 (Receptacles)
- CSA Certified (File #LR-57811)
- NOM Certified
- Meets Federal Specification W-C-596G (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. NEMA 5-15R		Cat. No. NEMA 5-20R	
		TR	Non-TR	TR	Non-TR
NEMA		NEMA 5-15R		NEMA 5-20R	
Rating		15A-125V @ Receptacle 20A-125V Feed-Through		20A-125V @ Receptacle 20A-125V Feed-Through	
Duplex with LED Indicator (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/ 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 with LED Indicator (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 Alert with LED Indicator (with self-grounding clip)	White	GFTA1-W	-	GFTA2-W	-
	Ivory	GFTA1-I	-	GFTA2-I	-
	Light Almond	GFTA1-T	-	GFTA2-T	-
Combination Switch with LED Indicator (with self-grounding clip) (15 Amp @ 120 VAC Switch rating)	White	GFSW1-W	-	-	-
	Ivory	GFSW1-I	-	-	-
	Light Almond	GFSW1-T	-	-	-
Blank Face with LED Indicator (with self-grounding clip) (20A feedthrough rating only)	White	GFRBF-W			
	Ivory	GFRBF-I			
	Light Almond	GFRBF-T			

ISO 9001 REGISTERED Quality Manufacturer

G-8347B/D15-dp