Product Bulletin for SmartlockPro® Self-Test GFCIs



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

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

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

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

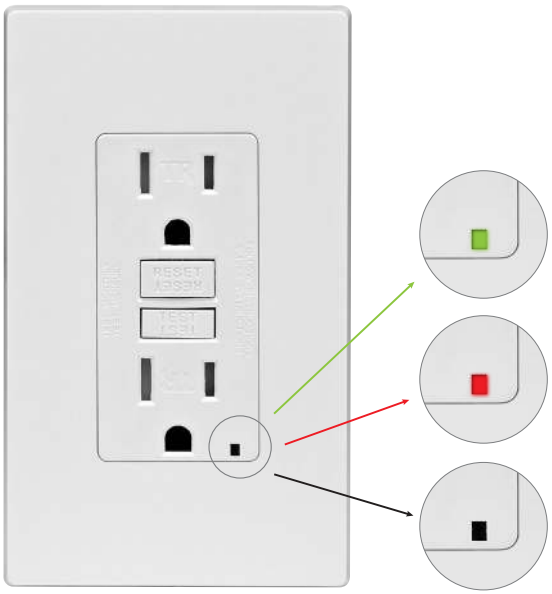
- Sensor provides automatic ON/OFF based on ambient lighting
- Dual lens provides visible light with a variety of plugs or transformers
- Custom designed lenses with edge-mounted LEDs improve light dispersion
- Energy-efficient (~1W of electricity). No bulbs to replace
- Saves space by eliminating the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

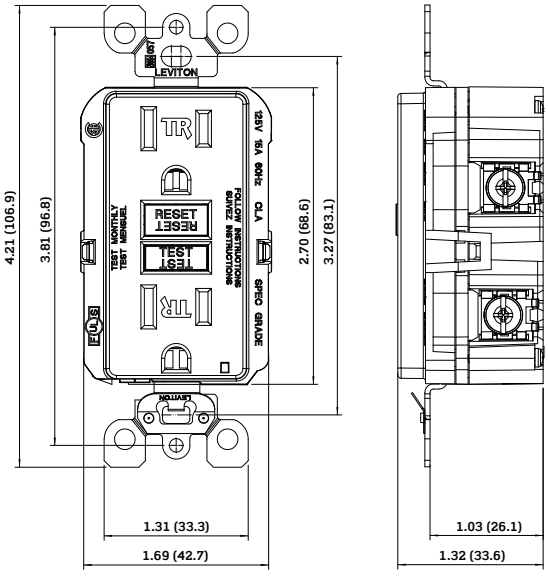
NO LED - NO POWER
- GFCI in tripped state
- Press RESET button
- If GFCI will not reset, no power on the circuit

Agency Standards and Compliance

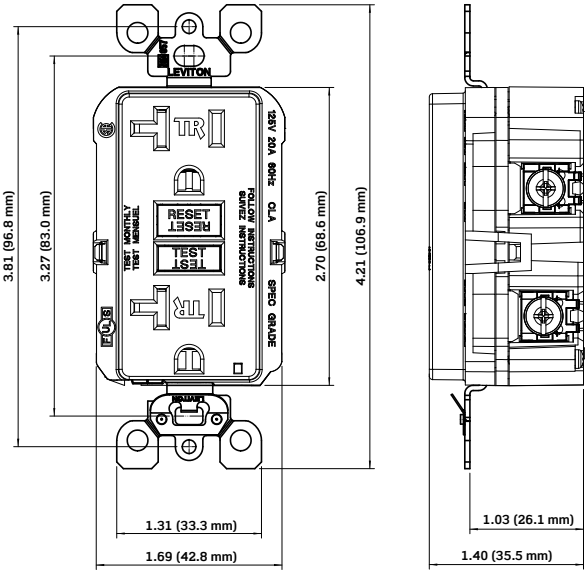
- Meets the latest UL and CSA requirements
- UL Standard 943 Class A (GFCI) and 498 (Receptacles)
- UL Listed (File #E-48380)
- CSA Standard C22.2 - 144.1 (GFCI) and 42 (Receptacles)
- CSA Certified (File #LR-57811)
- NOM Certified
- Meets Federal Specification W-C-596G (blank face - exception)

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.		Cat. No.	
NEMA		NEMA 5-15R		NEMA 5-20R	
Rating		15A-125V @ Receptacle 20A-125V Feed-Through		20A-125V @ Receptacle 20A-125V Feed-Through	
		TR	**Non-TR**	**TR**	**Non-TR**
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			

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