




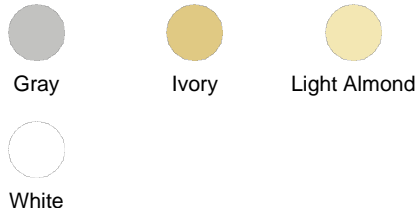
**Color :**  Black

**UPC Code :** 078477709207

**Country Of Origin :** China

**NEMA :**  5-20R

**Available Colors :**



## GFWT2-E

20 Amp, 125 Volt Receptacle/Outlet, 20 Amp Feed-Through, Self-test SmartlockPro Slim Weather & Tamper-Resistant GFCI, Monochromatic, Residential/Commercial applications, back and side wired, wallplate/faceplate sold separately - Black

Peace of mind, all the time. The SmartlockPro Self-Test GFCI tests itself even if you forget. Designed 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 it can respond to a ground fault. With the slimmest profile on the market, the device allows for fast and easy installation, while Leviton's patented reset lockout mechanism prevents reset of the GFCI if it is not wired or operating correctly. The SmartlockPro Self-Test GFCI is the smart choice in ground fault circuit interrupter protection.

### Technical Information

#### Product Features

**Amperage :** 20 A

**At Rated Voltage :** 1 HP

**Brand :** SmartlockPro

**Color :** Black

**Feature :** Self-Test

**Fed Spec WC-596 :** Yes

**Grade :** Residential/Commercial Specification Grade

**Grounding :** Green Ground Screw

**NEMA :** 5-20R

**Pole :** 2

**Standards and Certifications :** UL/CSA

**Strap Material :** Stainless Steel

**Tamper Resistant :** Yes

**Termination :** Back & Side

**Trip Level :** Class A, 5mA plus or minus 1mA

**Type :** Weather Resistant

**Voltage :** 125 VAC

**Wallplate :** Not Included

**Warranty :** 2-Year Limited

**Wire :** 3

#### AC Horsepower Ratings

**At Rated Voltage :** 1 HP

**Dielectric Voltage :** Withstands 1250VAC per UL 943 and CSA-C22.2 No. 144.1-06

**Short Circuit Current Rating :** 10KA

**Temperature Rise :** Max 30C after 100 cycles OL at 150 percent rated current

#### Electrical Specifications

**Dielectric Voltage :** Withstands 1250VAC per UL 943 and CSA-C22.2 No. 144.1-06

**Operating Temperature :** -35C to +66C

**Short Circuit Current Rating :** 10KA

**Temperature Rise :** Max 30C after 100 cycles OL at 150 percent rated current

#### Environmental Specifications

**Grounding Screw :** Stainless Steel

**Line Contacts :** Brass Double-Wipe .031 Thick

**Notes :** Wallplate Sold Separately

**Product ID :** Ratings are permanently marked on device

**Terminal Accom. :** 14-10 AWG

**Terminal ID :** Brass-Hot, Green-Ground, Silver-Neutral

**Terminal Screws :** Stainless Steel

**Yoke :** Stainless Steel

#### Mechanical Specifications

**Amperage :** 20 A

**Body Material :** Polycarbonate

**Brand :** SmartlockPro

**Color :** Black

**Face Material :** Polypropylene

**Feature :** Self-Test

**Fed Spec WC-596 :** Yes

**Grade :** Residential/Commercial Specification Grade

**Grounding :** Green Ground Screw

**NEMA :** 5-20R

**Notes :** Wallplate Sold Separately

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**Terminal ID :** Brass-Hot, Green-Ground, Silver-Neutral

**Termination :** Back & Side

**Trip Level :** Class A, 5mA plus or minus 1mA

**Type :** Weather Resistant

**Voltage :** 125 VAC

**Warranty :** 2-Year Limited

**Wire :** 3

**Body Material** : Polycarbonate  
**Clamps** : Brass  
**Face Material** : Polypropylene  
**Grounding Screw** : Stainless Steel  
**Line Contacts** : Brass Double-Wipe  
.031 Thick  
**Notes** : Wallplate Sold Separately  
**Operating Temperature** : -35C to +66C  
**Terminal Screws** : Stainless Steel  
**Yoke** : Stainless Steel

Standards and Certifications  
**ANSI** : C-73  
**CSA C22.2 No. 42** : Yes  
**CSA-C22.2 No. 144.1-06** : File LR-57811  
**Fed Spec WC-596** : Yes  
**MIL-SPEC** : A-A-55459-SB  
**NOM** : Yes  
**UL 943** : File E48380  
**UL498** : Yes

Material Specifications

**Body Material** : Polycarbonate  
**Clamps** : Brass  
**Face Material** : Polypropylene

**Features and Benefits**

- 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
- Status Indicator Light provides simple, intuitive feedback on power and protection status as well as indication of line/load reversal
- Patented Lockout Action prevents reset if GFCI is damaged and cannot respond to a ground fault
- Electronics are designed to minimize any false triggers
- Reduced depth makes it easier to install in any electrical box, even shallow ones
- Terminals allow for easy wiring options – back and side wire capable
- External back wire clamps provide visual indication of proper wire seating
- Withstands high torque and resists wire pullout
- Stainless steel strap and screws, cold impact resistant face and buttons
- Trip threshold meets or exceeds UL requirements for tripping time
- Improved immunity to high-frequency noise reduces nuisance tripping
- Advanced electronics design provides superior resistance to electrical surges and over-voltages
- Compatible with all Decora devices and wallplates; available in select Decora colors
- UL Fed Spec WC-596 rated

**Patents\***

CA2730014	US8587914
MX302458	US8599522
MX308495	US8944859
US7697252	US9053886

\*This list is provided for patent marking purposes only. A good faith effort is made to maintain the accuracy and completeness of this list. No legal inference should be drawn from the omission of a patent from this list.

## Ground-Fault Circuit Interrupters (GFCIs) Frequently Asked Questions

What does auto-monitoring or self-test mean?

The GFCI has internal parts that automatically conduct a test on regular intervals to ensure that the GFCI sensing and trip capabilities are intact. If the self-test sequence determines there is a potential loss of protection the GFCI will need to take specific actions such as tripping or providing an indication to alert end users.

What is the difference between "Self-Test" and "Auto-Monitoring"?

The terms are interchangeable and mean the same thing. UL uses the term auto-monitoring and many of the GFCI manufacturers use the term self-test.

Are Self-Test GFCIs required by the National Electrical Code®?

All the GFCIs manufactured after June 29, 2015 must include the auto-monitoring and many of the GFCI manufacturers use the term self-test.

Do I need to replace all my current GFCI outlets with self-test models?

No, as long as the outlet is not worn and you have conducted the manual test to ensure it is providing protected power. If you are doing a renovation or are looking to upgrade your older GFCIs, the self-test models do add an additional layer of protection.

Will the Self-Test GFCI provide an audible indication if it trips or does not successfully complete a self-test?

Only the Leviton Audible GFCIs provide audible indication. All other wallbox mounted GFCIs provide visual indication only.

How can I tell if I have a Self-Test GFCI or a Non-Self-Test GFCI?

The only way to tell is to press the "test" button and then the "reset" button. If the GFCI blinks RED once it is a self-test model. If the LED turns immediately to GREEN, it is a non-self-test model.

Do I need to test my GFCIs monthly?

Yes, you should manually test your GFCIs on a monthly basis.

How do I know my GFCI is working?

If the Leviton self-test has conducted a self-test and everything has checked out OK the indicator light will be green. If the indicator light is either not on or red you should conduct a manual test immediately. You can always conduct a manual TEST and RESET sequence to confirm the GFCI is functioning properly.

## SPECIFICATION SUBMITTAL

JOB NAME: <input type="text"/>	CATALOG NUMBERS: <input type="text"/>	<input type="text"/>
JOB NUMBER: <input type="text"/>	<input type="text"/>	<input type="text"/>

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