

SmartlockPro® Self-Test GFCIs

Leviton's new SmartlockPro® Self-Test GFCI Receptacle will meet new UL requirements as one of the safest and smartest Self-Test GFCIs.



What Is A Ground Fault Circuit Interrupter (GFCI) Receptacle?

- An electrical device – often found in a kitchen, bathroom or other area where moisture might be present – that helps provide electrical shock protection by shutting off an electric power circuit when a current that is flowing along an unintended path is detected, such as through water or a person.
- Since the invention of GFCI receptacles in the 1970s, the devices have played an important role in helping to reduce the occurrence of shocks and electrocutions.
- Testing GFCIs monthly is strongly encouraged, but this practice is not always followed, meaning:
 - A user might mistakenly assume that the GFCI receptacle is functioning correctly when it possibly is not.
 - Even when GFCIs are manually tested periodically, there is a possibility for a malfunction to occur between testing periods.

New Self-Test Requirements:

- Underwriters Laboratories (UL) made new revisions to the UL 943 (GFCI) standard that will take effect on June 29th, 2015.
- UL REVISION 943 STATES:
 1. All GFCI receptacles must have an auto-monitoring (self-testing) feature.
 2. If auto-monitoring determines the GFCI can no longer offer protection, one or more of the following will happen:
 - (1) Unit is no longer able to reset and denies power.
 - (2) Unit can reset and is subject to the next auto-monitoring test cycle within 5 seconds of power to the device.
 - (3) All GFCIs must provide audible or visual indication if it does NOT go into power denial.
 3. Provisions to ensure receptacle will not reset if miswired during installation as well as reinstallation.
- This new UL requirement is not intended to replace the need to manually test GFCIs. It is to provide an additional layer of protection to users.

Does Leviton Have A Self-Test GFCI?

- YES – The Leviton SmartlockPro Self-Test GFCI was one of the first self-testing GFCI receptacles available.
- Leviton is launching an entire line of new SmartlockPro Self-Test GFCIs to meet the new UL 943 requirements (available by Mid-August).
 - This product launch is the next step in our evolution to improve electrical safety in the home.
 - Provides homeowners with one of the safest and smartest GFCI solutions on the market.
- The new SmartlockPro Self-Test GFCI will include the following features:
 - Simple, intuitive visual indicator to alert users that GFCI protection might be compromised.
 - Patented Reset/Lockout feature prevents reset if the device cannot respond to a ground fault.
 - Slimmest GFCI profile on the market, allowing for easier installation in wallboxes, saving contractors, electricians and DIYers time.