

FREQUENTLY ASKED QUESTIONS

## Commercial GFCI Receptacles

### What are the new features of the Hubbell commercial GFCI receptacles?

The 2024 upgrade includes improved aesthetics and ease of use. This includes a single LED indicator for protection status, and redesigned flush test and reset buttons.

### What does the single LED indicator on the new GFCI receptacles signify?

Green indicates power and solid red indicates a trip condition. Flashing red indicates end of life when the GFCI needs replaced as it can no longer provide ground fault protection.

### What is AUTOGUARD® self-test technology?

AUTOGUARD® self-test technology is a patented system that automatically tests the GFCI's functionality to ensure ongoing protection.

### What is Closed Loop Active Detection (CLAD)?

CLAD circuitry utilizes a microcontroller to differentiate true ground fault conditions from transient events, harmonics, and other building noise. This enhances reliability and interoperability.

### What are the available configurations for the GFCI receptacles?

They are available in Tamper-Resistant (TR), non-Tamper-Resistant, Weather-Resistant (WR), and Tamper-Resistant Weather Resistant (TRWR) configurations.

### What does the TR shutter mechanism do?

The TR shutter mechanism prevents improper access to energized contacts while allowing smooth plug engagement.

### Where are GFCI receptacles ideally used?

They are ideal for bathrooms, kitchens and public restrooms. They are also suitable for common areas in airports, hotels, office buildings, schools, and other commercial facilities.

### How does the new design improve the aesthetic appeal of the GFCI receptacles?

The receptacles feature a sleek design with flush test and reset buttons for a smooth appearance.

### What type of environments benefit most from using GFCI receptacles?

Advanced building environments with significant transient events and harmonics benefit the most, thanks to the CLAD circuitry.



**What are the benefits of using Weather-Resistant (WR) GFCIs?**

WR GFCIs are designed for outdoor applications, providing durability and protection against weather elements.

**What should be done if the LED indicator flashes red?**

The GFCI needs to be replaced as it can no longer provide ground fault protection.

**Are the GFCI receptacles easy to install?**

Yes, they are designed for ease of installation.

**What kind of maintenance is required for the GFCI receptacles?**

Regular testing using the test and reset buttons is recommended to ensure proper functionality.

**How does the TR mechanism enhance safety?**

The TR mechanism prevents objects other than plugs from being inserted, reducing the risk of electrical shock.

**Are the GFCIs compliant with current safety standards?**

Yes, they are designed to meet or exceed current safety standards for GFCI devices in commercial applications.