

HUBBELL[®]
Wiring Device-Kellems

AUTOGUARD[®]
Self Test
Ground Fault
Receptacles



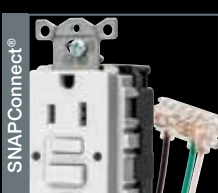
Innovative Power Solutions since 1888

**AUTOGUARD® Self Test Technology 1st introduced by Hubbell over 10 years ago!
...self test monitoring now required in 2015 UL 943 GFCI Safety Standard...**

Hubbell Self Test GFCI Patented Technology

Hubbell AUTOGUARD® GFCI receptacles continually test and monitor for “people protection capability” automatically. This patented safety feature includes disconnecting power to the receptacle if critical components are damaged and GFCI protection is lost. GFCI auto-monitoring is conducted continuously within every 30 seconds.

Also, clear visual indicators are provided on the device face representing power status, trip condition, ground fault condition and end of life status. In addition, for added safety, power will be denied to the receptacle face if reverse wiring of line and load was to occur.



Hubbell Self Test Patented Technology

UL (Underwriters Laboratory) now requires all manufacturers to provide self test monitoring capability effective June 29, 2015. When was the last time you tested a GFCI receptacle? Industry studies indicate only a very small number of installations are actually being tested as is recommended by the manufacturer and UL. This is the fundamental reason this new revision has been incorporated into UL 943 standard for 2015.

Each GFR must automatically monitor GFCI functionality periodically	If the unit can no longer provide GFCI protection, it must comply with the following	Reverse line and load miswire function – (repeated)
Automatically test within (5) seconds of power to line and load terminals; periodically means every (3) hours or less.	Deny Power (trip with the inability to reset); if unit does reset it is subject to the next auto-monitoring test cycle. Visual and/or audible indication that it no longer can provide protection.	If the line conductor is wired to the load terminal, power to the receptacle face will be denied. This includes both the initial installation and any subsequent reinstallations.

Features

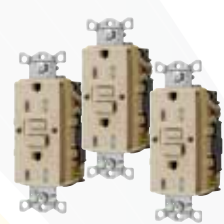
- **Patented AUTOGUARD® Technology** — Continuous Self Test functionality and disconnects power to receptacle if critical components are damaged and GFCI protection is lost
- **Federal Communications Commission Part 15** — Compliant for radiated and conducted emissions
- **Thermoplastic Nylon Housing** — High Impact and Ultraviolet Resistant construction provides resilience in harsh environments
- **Clear Visual Indication of GFR Status** — LED Indicating Lights:
Green LED (power to the device)
Red LED (trip condition/ground fault condition)
Flashing Red LED (end of life)
- **Internal Back Wiring Clamp and Guide Pocket** — Quick and dependable termination
- **Protection Against Line and Load Reversal** — No power to the face or downstream receptacles if device is miswired
- **Installation Ease, Lower Labor Cost** — With auto-grounding clip, captive mounting screws and single tab “breakoff” ears and full “breakoff” for OEM raised covers
- **Night Light Option** — Light sensor controls for automatic “ON/OFF” and custom dual lens for optimum light output



Commercial Tamper-Resistant GFCI Receptacles

Features

- Patented shutter design for tamper-resistant protection
- Compliant with NEC® 406.12 and NEC® 517-18(c)
- Patented AUTOGUARD® self test technology includes disconnecting power to the receptacle if critical components are damaged and GFCI protection is lost
- Alarm version provides audible notification of a trip condition



Tamper-Resistant

Standard**

Night Light

Alarm

Combination Switch

Standard Three-Pack

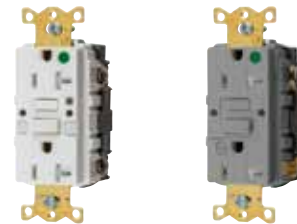
Rating	Color		Two LED Night Lights		15A 120V Switch	
 15A 125V NEMA 5-15R UL CSA 0.5 HP	Ivory	GFTRST15I	GFTRST15INL	GFTRST15IB	GFSPST15I	GFTRST15I3
	Light Almond	GFTRST15LA	GFTRST15LANL	GFTRST15LAB	GFSPST15LA	GFTRST15LA3
	White	GFTRST15W	GFTRST15WNL	GFTRST15WB	GFSPST15W	GFTRST15W3
	Other Colors*	GFTRST15*	GFTRST15*NL	GFTRST15*B	—	—
 20A 125V NEMA 5-20R UL CSA 1 HP	Ivory	GFTRST20I	GFTRST20INL	GFTRST20IB	—	GFTRST20I3
	Light Almond	GFTRST20LA	GFTRST20LANL	GFTRST20LAB	—	GFTRST20LA3
	White	GFTRST20W	GFTRST20WNL	GFTRST20WB	—	GFTRST20W3
	Other Colors*	GFTRST20*	GFTRST20*NL	GFTRST20*B	—	—

Hospital Grade ● Tamper-Resistant

Night Light

Alarm

Rating	Color		Two LED Night Lights	
 15A 125V NEMA 5-15R UL CSA 0.5 HP	Ivory	GFTRST82INL	GFTRST82INL	GFTRST82IB
	Light Almond	GFTRST82LANL	GFTRST82LANL	GFTRST82LAB
	White	GFTRST82WNL	GFTRST82WNL	GFTRST82WB
	Other Colors*	GFTRST82*NL	GFTRST82*NL	GFTRST82*B
 20A 125V NEMA 5-20R UL CSA 1 HP	Ivory	GFTRST83INL	GFTRST83INL	GFTRST83IB
	Light Almond	GFTRST83LANL	GFTRST83LANL	GFTRST83LAB
	White	GFTRST83WNL	GFTRST83WNL	GFTRST83WB
	Other Colors*	GFTRST83*NL	GFTRST83*NL	GFTRST83*B



*Other colors include the following. To order, please replace * with the color code in parentheses. Almond (AL), Black (BK), Brown (No Suffix), Gray (GY) and Red (R).

Standard GFCIs are available in bulk, please add **BULK suffix to order.

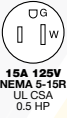

Commercial Standard GFCI Receptacles



Features



- Patented AUTOGUARD® self test technology includes disconnecting power to the receptacle if critical components are damaged and GFCI protection is lost
- Internal back wiring clamp and guide for quick and secure termination
- Night light option includes light sensor controls for automatic on and off, custom dual lens for optimum light output



Standard	Standard**	Night Light	Alarm	Assembled in USA	Blank Face	Standard Three-Pack
Rating	Color	Two LED Night Lights			Available in 20A Only	Three Devices per Pack
	Ivory	GFRST15I	GFRST15INL	GFRST15IB	GFRST15IU	—
	Light Almond	GFRST15LA	GFRST15LANL	GFRST15LAB	GFRST15LAU	—
	White	GFRST15W	GFRST15WNL	GFRST15WB	GFRST15WU	—
	Other Colors*	GFRST15*	GFRST15*NL	GFRST15*B	GFRST15*U	—
	Ivory	GFRST20I	GFRST20INL	GFRST20IB	GFRST20IU	GFBFST20I
	Light Almond	GFRST20LA	GFRST20LANL	GFRST20LAB	GFRST20LAU	GFBFST20LA
	White	GFRST20W	GFRST20WNL	GFRST20WB	GFRST20WU	GFBFST20W
	Other Colors*	GFRST20*	GFRST20*NL	GFRST20*B	GFRST20*U	GFBFST20*

Standard SNAPConnect®

Right Angle Pigtailed Terminal

Rating	Color		Solid	Stranded
	Ivory	GFRST15SNAPI	Clear right angle terminal with 6 inch leads, 600V, #12 AWG THHN/THWN-2, Polycarbonate housing material.	SNAP1RA
	Light Almond	GFRST15SNAPLA		SNAP2RA
	White	GFRST15SNAPW		
	Other Colors*	GFRST15SNAP*		
	Ivory	GFRST20SNAPI		
	Light Almond	GFRST20SNAPLA		
	White	GFRST20SNAPW		
	Other Colors*	GFRST20SNAP*		



*Other colors include the following. To order, please replace * with the color code in parentheses.

Almond (AL), Black (BK), Brown (No Suffix), Gray (GY) and Red (R).

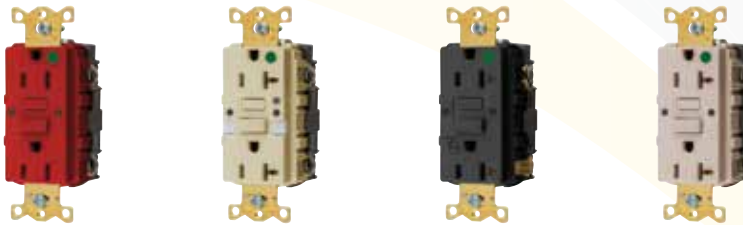
Standard GFCIs are available in bulk, please add **BULK suffix to order.

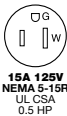
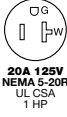




Commercial Standard Hospital Grade ● GFCI Receptacles

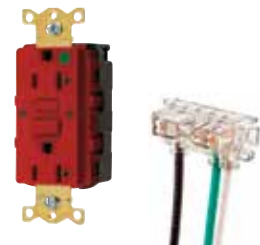
Features

- Fed. Spec UL Listed, Hospital Grade
- Green power indicator and red trip indicator
- Patented AUTOGUARD® self test technology
- Flush, nylon face, back and side wired, multiple drive screws, self-grounding staple.



Hospital Grade ●		Standard	Night Light	Alarm	Assembled in USA
Rating	Color		Two LED Night Lights		
	Ivory	GFRST82I	GFRST82INL	GFRST82IB	GFRST82IU
	Light Almond	GFRST82LA	GFRST82LANL	GFRST82LAB	GFRST82LAU
	White	GFRST82W	GFRST82WNL	GFRST82WB	GFRST82WU
	Other Colors*	GFRST82*	GFRST82*NL	GFRST82*B	GFRST82*U
	Ivory	GFRST83I	GFRST83INL	GFRST83IB	GFRST83IU
	Light Almond	GFRST83LA	GFRST83LANL	GFRST83LAB	GFRST83LAU
	White	GFRST83W	GFRST83WNL	GFRST83WB	GFRST83WU
	Other Colors*	GFRST83*	GFRST83*NL	GFRST83*B	GFRST83*U

Hospital Grade ● SNAPConnect®		Right Angle Pigtailed Terminal		
Rating	Color		Solid	Stranded
	Ivory	GFRST82SNAPI	Clear right angle terminal with 6 inch leads, 600V, #12 AWG THHN/THWN-2, Polycarbonate housing material.	SNAP1RA
	Light Almond	GFRST82SNAPLA		SNAP2RA
	White	GFRST82SNAPW		
	Other Colors*	GFRST82SNAP*		
	Ivory	GFRST83SNAPI		
	Light Almond	GFRST83SNAPLA		
	White	GFRST83SNAPW		
	Other Colors*	GFRST83SNAP*		



*Other colors include the following. To order, please replace * with the color code in parentheses. Almond (AL), Black (BK), Brown (No Suffix), Gray (GY) and Red (R).

AUTOGUARD® Self Test Technology Commercial Tamper-Resistant and Weather Resistant GFCI Receptacles



Features

- Patented shutter design for tamper-resistant protection
- Meets NEC requirements for TR (517-18c) and WR (406.9), UV and corrosion resistance for harsh and damp applications
- Patented AUTOGUARD® self test technology
- Protects against line and load reversal, no power to the face or downstream if device is miswired



Tamper-Resistant Weather Resistant

Standard**

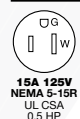
Assembled in USA

Isolated Ground

SNAPConnect®

Right Angle Pigtailed Terminal

Rating Color



Ivory
Light Almond
White
Other Colors*

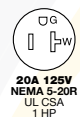
GFTWRST15I
GFTWRST15LA
GFTWRST15W
GFTWRST15*

GFTWRST15IU
GFTWRST15LAU
GFTWRST15WU
GFTWRST15*U

GFTWRST15IIG
GFTWRST15LAIG
GFTWRST15WIG
GFTWRST15*IG

GFTWRST15SNAPI
GFTWRST15SNAPLA
GFTWRST15SNAPW
GFTWRST15SNAP*

Clear right angle terminal with 6 inch leads, 600V, #12 AWG THHN/THWN-2, Polycarbonate housing material.



Ivory
Light Almond
White
Other Colors*

GFTWRST20I
GFTWRST20LA
GFTWRST20W
GFTWRST20*

GFTWRST20IU
GFTWRST20LAU
GFTWRST20WU
GFTWRST20*U

GFTWRST20IIG
GFTWRST20LAIG
GFTWRST20WIG
GFTWRST20*IG

GFTWRST20SNAPI
GFTWRST20SNAPLA
GFTWRST20SNAPW
GFTWRST20SNAP*

Solid **SNAP1RA**
Stranded **SNAP2RA**

Hospital Grade ● Tamper-Resistant Weather Resistant

Standard

Assembled in USA

Isolated Ground

SNAPConnect®

Right Angle Pigtailed Terminal

Rating Color



Ivory
Light Almond
White
Other Colors*

GFTWRST82I
GFTWRST82LA
GFTWRST82W
GFTWRST82*

GFTWRST82IU
GFTWRST82LAU
GFTWRST82WU
GFTWRST82*U

GFTWRST82IIG
GFTWRST82LAIG
GFTWRST82WIG
GFTWRST82*IG

GFTWRST82SNAPI
GFTWRST82SNAPLA
GFTWRST82SNAPW
GFTWRST82SNAP*

Clear right angle terminal with 6 inch leads, 600V, #12 AWG THHN/THWN-2, Polycarbonate housing material.



Ivory
Light Almond
White
Other Colors*

GFTWRST83I
GFTWRST83LA
GFTWRST83W
GFTWRST83*

GFTWRST83IU
GFTWRST83LAU
GFTWRST83WU
GFTWRST83*U

GFTWRST83IIG
GFTWRST83LAIG
GFTWRST83WIG
GFTWRST83*IG

GFTWRST83SNAPI
GFTWRST83SNAPLA
GFTWRST83SNAPW
GFTWRST83SNAP*

Solid **SNAP1RA**
Stranded **SNAP2RA**

*Other colors include the following. To order, please replace * with the color code in parentheses. Almond (AL), Black (BK), Brown (No Suffix), Gray (GY) and Red (R).

Standard non-hospital grade GFCIs are available in bulk, please add **BULK suffix to order.



Commercial Weather Resistant GFCI Receptacles

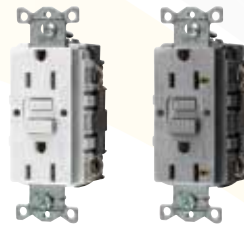
Features

- Patented AUTOGUARD® self test technology
- Meets NEC requirements for weather resistance (406.9), UV and corrosion resistance for harsh and damp applications
- Protects against line and load reversal, no power to the face or downstream if device is miswired



Weather Resistant

Color	15A	20A
Ivory	GFWRST15I	GFWRST20I
Light Almond	GFWRST15LA	GFWRST20LA
White	GFWRST15W	GFWRST20W
Other Colors*	GFWRST15*	GFWRST20*



*Other colors include the following. To order, please replace * with the color code in parentheses. Almond (AL), Black (BK), Brown (No Suffix), Gray (GY) and Red (R).

Common Questions and Answers

Q: Why are ground fault receptacles changing?

A: Underwriters Laboratory per revised Standard 943 has published new self test monitoring requirements that apply to all permanently installed GFCI products, effective June 29, 2015.

Q: What is the primary benefit from these changes?

A: Every GFR must now test itself for the ability to provide GFCI protection. Industry studies show installed ground fault receptacles are not being tested as required by the end user (minimum monthly).

Q: Can I continue to use current generation GFCI receptacles after June 28th?

A: Absolutely, the current Hubbell GFCI receptacles can no longer be produced after June 28, 2015. However, these devices produced prior to June 28th, can be sold by manufacturers and distributors until their inventories are depleted. There is no time limitation on use of this product.

Q: What is different about this new version?

A: A power denial feature has been added to this next generation of self test GFR product. If critical components are damaged and GFCI protection is lost, power to the receptacle will be disconnected.

Q: What types of indicators do the AUTOGUARD® ground fault receptacles have?

A: Every GFR includes a solid green LED to indicate power to the face, a solid red LED for a tripped condition and a flashing red LED to indicate end of life when the unit should be replaced.

Q: How does the Alarm version function?

A: The Alarm GFR includes all LED indicators that are in the standard product. In addition, an audible alarm will sound when either the unit trips and/or is in end of life. A “silencing feature” is provided on the face of the device to turn off as needed.

AUTOGUARD® Self Test Ground Fault Receptacles

Other GFCI Products from Hubbell



Industrial GFCI
Receptacles



Portable GFCI
Plugs



Line Cords



Sensing Modules