

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.

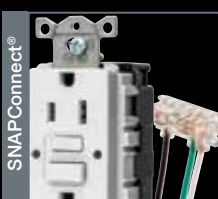
Hubbell Self Test Patented Technology

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

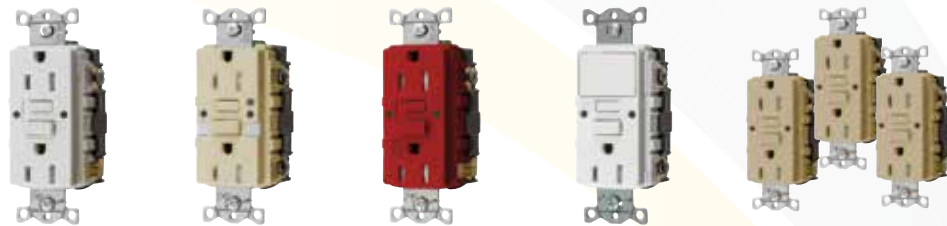
- **Patented AUTOGUARD® Technology** — Continuous Self Test functionality and disconnects power to receptacle if critical components are damaged and GFCI protection is lost
- **Federal Communications Commission Part 15** — Compliant for radiated and conducted emissions
- **Thermoplastic Nylon Housing** — 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 | GFTRST15IZ | GFSPST15I | GFTRST15I3 |
| | Light Almond | GFTRST15LA | GFTRST15LANL | GFTRST15LAZ | GFSPST15LA | GFTRST15LA3 |
| | White | GFTRST15W | GFTRST15WNL | GFTRST15WZ | GFSPST15W | GFTRST15W3 |
| | Other Colors* | GFTRST15* | GFTRST15*NL | GFTRST15*Z | — | — |
|  20A 125V NEMA 5-20R UL CSA 1 HP | Ivory | GFTRST20I | GFTRST20INL | GFTRST20IZ | — | GFTRST20I3 |
| | Light Almond | GFTRST20LA | GFTRST20LANL | GFTRST20LAZ | — | GFTRST20LA3 |
| | White | GFTRST20W | GFTRST20WNL | GFTRST20WZ | — | GFTRST20W3 |
| | Other Colors* | GFTRST20* | GFTRST20*NL | GFTRST20*Z | — | — |

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 | GFTRST82IZ | |
| | Light Almond | GFTRST82LANL | GFTRST82LAZ | |
| | White | GFTRST82WNL | GFTRST82WZ | |
| | Other Colors* | GFTRST82*NL | GFTRST82*Z | |
|  20A 125V NEMA 5-20R UL CSA 1 HP | Ivory | GFTRST83INL | GFTRST83IZ | |
| | Light Almond | GFTRST83LANL | GFTRST83LAZ | |
| | White | GFTRST83WNL | GFTRST83WZ | |
| | Other Colors* | GFTRST83*NL | GFTRST83*Z | |



*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).

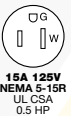
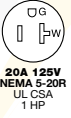
Commercial Standard GFCI Receptacles



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 | GFRST15IZ | GFRST15IU | — | GFRST15I3 |
| | Light Almond | GFRST15LA | GFRST15LANL | GFRST15LAZ | GFRST15LAU | — | GFRST15LA3 |
| | White | GFRST15W | GFRST15WNL | GFRST15WZ | GFRST15WU | — | GFRST15W3 |
| | Other Colors* | GFRST15* | GFRST15*NL | GFRST15*Z | GFRST15*U | — | — |
|  | Ivory | GFRST20I | GFRST20INL | GFRST20IZ | GFRST20IU | GFBFST20I | GFRST20I3 |
| | Light Almond | GFRST20LA | GFRST20LANL | GFRST20LAZ | GFRST20LAU | GFBFST20LA | GFRST20LA3 |
| | White | GFRST20W | GFRST20WNL | GFRST20WZ | GFRST20WU | GFBFST20W | GFRST20W3 |
| | Other Colors* | GFRST20* | GFRST20*NL | GFRST20*Z | 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 | SNAP2RA |
| | Light Almond | GFRST15SNAPLA | | | |
| | White | GFRST15SNAPW | | | |
| | Other Colors* | GFRST15SNAP* | | | |
|  | Ivory | GFRST20SNAPI | | | |
| | Light Almond | GFRST20SNAPLA | | | |
| | White | GFRST20SNAPW | | | |
| | Other Colors* | GFRST20SNAP* | | | |



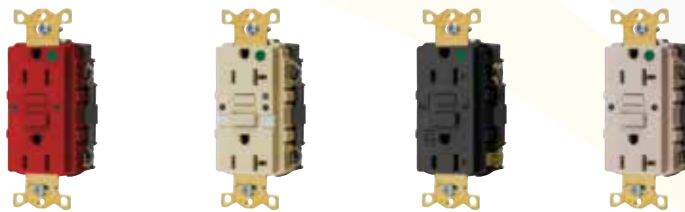
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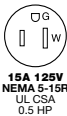
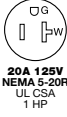




Commercial Standard Hospital Grade ● GFCI Receptacles

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 | GFRST82IZ | GFRST82IU |
| | Light Almond | GFRST82LA | GFRST82LANL | GFRST82LAZ | GFRST82LAU |
| | White | GFRST82W | GFRST82WNL | GFRST82WZ | GFRST82WU |
| | Other Colors* | GFRST82* | GFRST82*NL | GFRST82*Z | GFRST82*U |
|  | Ivory | GFRST83I | GFRST83INL | GFRST83IZ | GFRST83IU |
| | Light Almond | GFRST83LA | GFRST83LANL | GFRST83LAZ | GFRST83LAU |
| | White | GFRST83W | GFRST83WNL | GFRST83WZ | GFRST83WU |
| | Other Colors* | GFRST83* | GFRST83*NL | GFRST83*Z | 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. |
| | Light Almond | GFRST82SNAPLA | |
| | White | GFRST82SNAPW | |
| | Other Colors* | GFRST82SNAP* | |
|  | Ivory | GFRST83SNAPI | SNAP1RA |
| | Light Almond | GFRST83SNAPLA | SNAP2RA |
| | 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

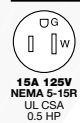
Assembled in USA

Isolated Ground

SNAPConnect®

Right Angle Pigtailed Terminal

Rating Color



Ivory
Light Almond
White
Other Colors*

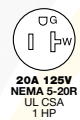
GFTWRST15I
GFTWRST15LA
GFTWRST15W
GFTWRST15*

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

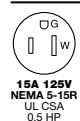
Assembled in USA

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).



Commercial Weather Resistant GFCI Receptacles

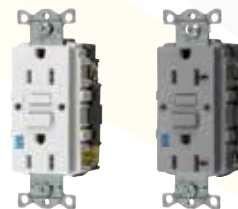
Features

- 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* |



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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