

# Section K Ground Fault Products



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### Tamper/Weather Resistant GFCI Receptacles



### Pre-Wired/Leaded and SNAPConnect® GFCI's

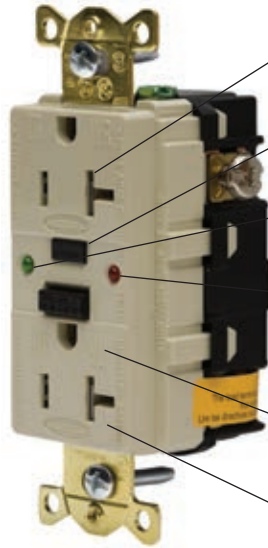


### GFCI Sensing Module and Circuit Breaker



### Portable GFCI Products





**GFR5362SGI**

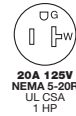
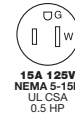
**10kA Short Circuit Current Rating**





- Limits improper access to energized contacts
  - Exclusive patented tamper-resistant protection through switching technology
- Continually tests and monitors for people protection automatically
  - Patented self test diagnostics
- Power indication
  - Steady **"ON" GREEN LED** provides indication of power
- Ground fault indicator
  - Steady **"ON" RED LED** provides visual indication of a ground fault condition; flashing red indicates device has lost capability to provide protection
- No power at face if reverse wired
  - Open circuit condition eliminates false assumption of protection at face
- Durable face with V-0 flammability rating
  - Polyester face cover



**GFR5262SG**

**AUTOGUARD® Self Test GFCI Receptacles**  
**Tamper-Resistant and Weather Resistant**

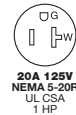






Description	Rating	Color	Catalog Number	
  Flush, polyester face, back and side wired, multiple drive screws.	15 and 20A 125V AC	Black	<b>GFR5262SGBK</b>	<b>GFR5362SGBK</b>
		Brown	<b>GFR5262SG</b>	<b>GFR5362SG</b>
		Gray	<b>GFR5262SGGY</b>	<b>GFR5362SGGY</b>
		Ivory	<b>GFR5262SGI</b>	<b>GFR5362SGI</b>
		Red	<b>GFR5262SGR</b>	<b>GFR5362SGR</b>
		White	<b>GFR5262SGW</b>	<b>GFR5362SGW</b>
  Hospital Grade ● Flush, polyester face, back and side wired, multiple drive screws.	15 and 20A 125V AC	Black	<b>GFR8200SGBK</b>	<b>GFR8300SGBK</b>
		Brown	<b>GFR8200SG</b>	<b>GFR8300SG</b>
		Gray	<b>GFR8200SGGY</b>	<b>GFR8300SGGY</b>
		Ivory	<b>GFR8200SGI</b>	<b>GFR8300SGI</b>
		Red	<b>GFR8200SGR</b>	<b>GFR8300SGR</b>
		White	<b>GFR8200SGW</b>	<b>GFR8300SGW</b>



**GFR5262GYTR**

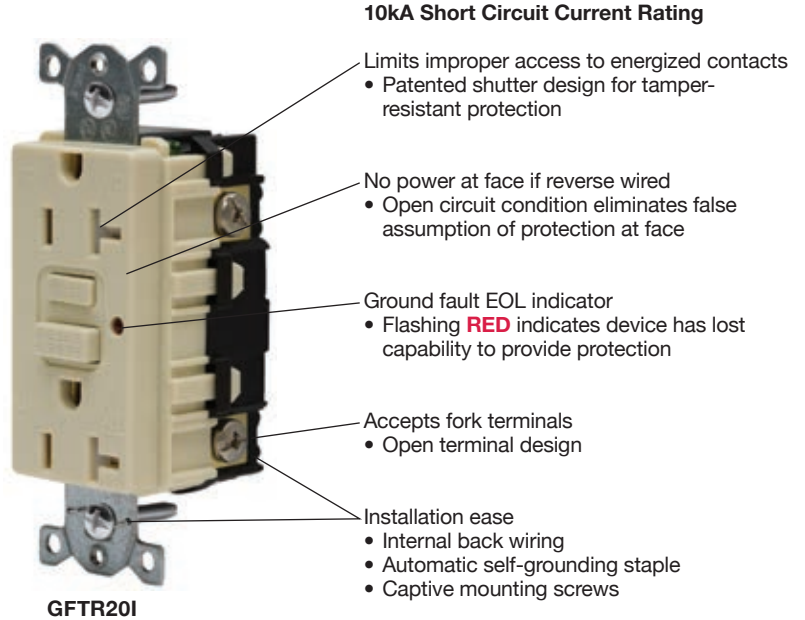
**Circuit Guard® GFCI Receptacles**  
**Tamper-Resistant and Weather Resistant**



Description	Rating	Color	Catalog Number	
  Flush, polyester face, back and side wired, multiple drive screws.	15 and 20A 125V AC	Black	<b>GFR5262BKTR</b>	<b>GFR5362BKTR</b>
		Brown	<b>GFR5262TR</b>	<b>GFR5362TR</b>
		Gray	<b>GFR5262GYTR</b>	<b>GFR5362GYTR</b>
		Ivory	<b>GFR5262ITR</b>	<b>GFR5362ITR</b>
		Red	<b>GFR5262RTR</b>	<b>GFR5362RTR</b>
		White	<b>GFR5262WTR</b>	<b>GFR5362WTR</b>
  Hospital Grade ● Flush, polyester face, back and side wired, multiple drive screws.	15 and 20A 125V AC	Black	<b>GFR8200BKTR</b>	<b>GFR8300BKTR</b>
		Brown	<b>GFR8200TR</b>	<b>GFR8300TR</b>
		Gray	<b>GFR8200GYTR</b>	<b>GFR8300GYTR</b>
		Ivory	<b>GFR8200ITR</b>	<b>GFR8300ITR</b>
		Red	<b>GFR8200RTR</b>	<b>GFR8300RTR</b>
		White	<b>GFR8200WTR</b>	<b>GFR8300WTR</b>

*Note: GFCI type receptacles should not be used in critical care patient areas or for electrical life support equipment applications because of the possibility of power interruption. All GFCI receptacles listed above are furnished with both a matching color nylon wallplate, and a SS26 302/304 super stainless steel wallplate. 20 amp feed-through capability. See page Tech-10 for Tamper-Resistant and Weather Resistant descriptions.*

# Ground Fault Products Heavy Duty Commercial & Hospital Grade GFCI Receptacles Tamper-Resistant and Weather Resistant with Auto Grounding



GFTR20I



## Circuit Guard® GFCI Receptacles Tamper-Resistant and Weather Resistant

Description	Rating	Color	Catalog Number	
Flush, nylon face, back and side wired, multiple drive screws, self-grounding staple.	15 and 20A 125V AC	Black	<b>GFTR15BK</b>	<b>GFTR20BK</b>
		Brown	<b>GFTR15</b>	<b>GFTR20</b>
		Gray	<b>GFTR15GY</b>	<b>GFTR20GY</b>
		Ivory	<b>GFTR15I</b>	<b>GFTR20I</b>
		Light Almond	<b>GFTR15LA</b>	<b>GFTR20LA</b>
		Red	<b>GFTR15R</b>	<b>GFTR20R</b>
		White	<b>GFTR15W</b>	<b>GFTR20W</b>



GFTR15AL

## Circuit Guard® GFCI Receptacles - 3 Pack Tamper-Resistant and Weather Resistant

Description	Rating	Color	Catalog Number	
3 Pack, flush, nylon face, back and side wired, multiple drive screws, self-grounding staple.	15 and 20A 125V AC	Ivory	<b>GFTR15I3</b>	<b>GFTR20I3</b>
		Light Almond	<b>GFTR15LA3</b>	<b>GFTR20LA3</b>
		White	<b>GFTR15W3</b>	<b>GFTR20W3</b>



GFTR20W3

Note: Consult factory for availability of other colors.



## Circuit Guard® GFCI Receptacles Tamper-Resistant and Weather Resistant

Description	Rating	Color	Catalog Number	
Hospital Grade ● Flush, nylon face, back and side wired, multiple drive screws, self-grounding staple.	15 and 20A 125V AC	Black	<b>GFR8200HBKTR</b>	<b>GFR8300HBKTR</b>
		Brown	<b>GFR8200HTR</b>	<b>GFR8300HTR</b>
		Gray	<b>GFR8200HGYTR</b>	<b>GFR8300HGYTR</b>
		Ivory	<b>GFR8200HITR</b>	<b>GFR8300HITR</b>
		Light Almond	<b>GFR8200HLATR</b>	<b>GFR8300HLATR</b>
		Red	<b>GFR8200HRTR</b>	<b>GFR8300HRTR</b>
		White	<b>GFR8200HWTR</b>	<b>GFR8300HWTR</b>



GFR8300HRTR

Note: GFCI type receptacles should not be used in critical care patient areas or for electrical life support equipment applications because of the possibility of power interruption. All GFCI receptacles listed above are furnished with a matching color nylon wallplate. 20 amp feed-through capability. See page Tech-10 for Tamper-Resistant and Weather Resistant descriptions.



# Ground Fault Products Heavy Duty Commercial & Hospital Grade GFCI Receptacles LED with Auto Grounding



**GF15ILA**

## 10kA Short Circuit Current Rating

- Comprehensive diagnostics
  - When test button is actuated, both the electronic components and mechanical trip mechanism are functionally tested
- Ground fault EOL indicator
  - Flashing **RED** indicates device has lost capability to provide protection
- No power at face if reverse wired
  - Open circuit condition eliminates false assumption of protection at face
- Installation ease
  - Internal back wiring
  - Automatic self-grounding staple
  - Captive mounting screws



## Circuit Guard® GFCI Receptacles

Description	Rating	Color	Catalog Number	
Flush, nylon face, back and side wired, multiple drive screws, self-grounding staple.	15 and 20A 125V AC	Black	<b>GF15BKLA</b>	<b>GF20BKLA</b>
		Brown	<b>GF15LA</b>	<b>GF20LA</b>
		Gray	<b>GF15GYLA</b>	<b>GF20GYLA</b>
		Ivory	<b>GF15ILA</b>	<b>GF20ILA</b>
		Light Almond	<b>GF15LALA</b>	<b>GF20LALA</b>
		Red	<b>GF15RLA</b>	<b>GF20RLA</b>
		White	<b>GF15WLA</b>	<b>GF20WLA</b>



**GF15ALLA**

## Circuit Guard® GFCI Receptacles - 3 Pack

Description	Rating	Color	Catalog Number	
3 Pack, flush, nylon face, back and side wired, multiple drive screws, self-grounding staple.	15 and 20A 125V AC	Ivory	<b>GF15ILA3</b>	<b>GF20ILA3</b>
		Light Almond	<b>GF15LALA3</b>	<b>GF20LALA3</b>
		White	<b>GF15WLA3</b>	<b>GF20WLA3</b>

Note: Consult factory for availability of other colors.



**GF20WLA3**



## Hospital Grade ● Circuit Guard® GFCI Receptacles

Description	Rating	Color	Catalog Number	
Flush, nylon face, back and side wired, multiple drive screws, self-grounding staple.	15 and 20A 125V AC	Black	<b>GFR8200HBKLA</b>	<b>GFR8300HBKLA</b>
		Brown	<b>GFR8200HLA</b>	<b>GFR8300HLA</b>
		Gray	<b>GFR8200HGYLA</b>	<b>GFR8300HGYLA</b>
		Ivory	<b>GFR8200HILA</b>	<b>GFR8300HILA</b>
		Light Almond	<b>GFR8200HLAA</b>	<b>GFR8300HLAA</b>
		Red	<b>GFR8200HRLA</b>	<b>GFR8300HRLA</b>
		White	<b>GFR8200HWLA</b>	<b>GFR8300HWLA</b>

Note: GFCI type receptacles should not be used in critical care patient areas or for electrical life support equipment applications because of the possibility of power interruption. All GFCI receptacles listed above are furnished with a matching color nylon wallplate. 20 amp feed-through capability.



**GFR8200HRLA**

# Ground Fault Products Heavy Duty Commercial GFCI Receptacles LED with Auto Grounding



15A 125V  
NEMA 5-15R  
UL CSA  
0.5 HP



20A 125V  
NEMA 5-20R  
UL CSA  
1 HP

## Circuit Guard® Bulk Pack GFCI Receptacles

Description	Rating	Color	Catalog Number	
Flush, nylon face, back and side wired, multiple drive screws, self-grounding staple. Bulk packed, (50 pieces without wallplate).	15 and 20A 125V AC	Black	<b>GF15BKLABULK</b>	<b>GF20BKLABULK</b>
		Brown	<b>GF15LABULK</b>	<b>GF20LABULK</b>
		Gray	<b>GF15GYLABULK</b>	<b>GF20GYLABULK</b>
		Ivory	<b>GF15ILABULK</b>	<b>GF20ILABULK</b>
		Light Almond	<b>GF15LALABULK</b>	<b>GF20LALABULK</b>
		Red	<b>GF15RLABULK</b>	<b>GF20RLABULK</b>
		White	<b>GF15WLABULK</b>	<b>GF20WLABULK</b>



GF15BKLABULK

## Circuit Guard® Faceless GFCI

Description	Rating	Color	Catalog Number	
Faceless, nylon top, back and side wired, multiple drive screws, self-grounding staple.	20A 125V AC	Black	-	<b>GFBF20BKLA</b>
		Brown	-	<b>GFBF20LA</b>
		Gray	-	<b>GFBF20GYLA</b>
		Ivory	-	<b>GFBF20ILA</b>
		Light Almond	-	<b>GFBF20LALA</b>
		Red	-	<b>GFBF20RLA</b>
		White	-	<b>GFBF20WLA</b>



GFBF20ILA

Note: GFCI type receptacles should not be used in critical care patient areas or for electrical life support equipment applications because of the possibility of power interruption. All GFCI receptacles listed above are furnished with a matching color nylon wallplate.

## Combination Switch/GFCI

Description	Rating	Color	Catalog Number	
Single-pole switch, GFCI grounding receptacle, back and side wired, matching nylon wallplate included.	15A 120V (Switch) 15A 125V (Receptacle)	Ivory	<b>GFSP15IC</b>	-
		Light Almond	<b>GFSP15LAC</b>	-
		White	<b>GFSP15WC</b>	-



GFSP15WC

## "Power Indicator" GFCI Receptacles

Description	Rating	Color	Catalog Number	
Commercial GFR, Power LED Indicator.	15 and 20A 125V AC	Ivory	<b>GF15ILS</b>	<b>GF20ILS</b>
		White	<b>GF15WLS</b>	<b>GF20WLS</b>
		Red	<b>GF15RLS</b>	<b>GF20RLS</b>
Hospital Grade, Commercial GFR, Power LED Indicator.	15 and 20A 125V AC	Ivory	<b>GFR8200HILS</b>	<b>GFR8300HILS</b>
		White	<b>GFR8200HWLS</b>	<b>GFR8300HWLS</b>
		Red	<b>GFR8200HRLS</b>	<b>GFR8300HRLS</b>
Commercial GFR, Power LED Indicator, Tamper and Weather Resistant.	15 and 20A 125V AC	Ivory	<b>GFTR15IS</b>	<b>GFTR20IS</b>
		White	<b>GFTR15WS</b>	<b>GFTR20WS</b>
		Red	<b>GFTR15RS</b>	<b>GFTR20RS</b>
Hospital Grade, Commercial GFR, Power LED Indicator, Tamper and Weather Resistant.	15 and 20A 125V AC	Ivory	<b>GFR8200HITRS</b>	<b>GFR8300HITRS</b>
		White	<b>GFR8200HWTRS</b>	<b>GFR8300HWTRS</b>
		Red	<b>GFR8200HRTRS</b>	<b>GFR8300HRTRS</b>



GFTR15IS

Note: Please consult factory for availability of other colors and/or non Tamper-Resistant GFCI versions. See page Tech-10 for Tamper-Resistant and Weather Resistant descriptions.

## GFCI Receptacle Specifications per GFCI Products Listed (Pages K-2 to K-9)

Trip Level	4 to 6 mA.
Trip Time	.025 second nominal.
Frequency	60 Hz.
Voltage	120V AC +10% - 15% (102V to 132V).
Amperage	15A/20A, 20A Feed Thru.
Maximum Interrupting Capacity	10,000A.
Operating Temperature	-35°C to 66°C or -30°F to 150°F.
Maximum Humidity	95%.
Listings and Standards	Meets UL498 for receptacles, UL943 Class A for GFCIs UL File E41978. CSA Certified.
Codes	Meets all NEC® and CEC requirements. NEMA WD-6 ANSI 73.

NEC® is a registered trademark of the National Fire Protection Association (NFPA).

**Applications**



**GF15GYLAP1**

**GFCI LED Pre-Wired/Leaded,  
 #12 Solid Wire, 8 Inch Leads**

Description	Rating	Color*	Catalog Number
Impact resistant flush nylon face, LED, self-grounding staple, 8" solid wire leads.	15 and 20A 125V AC	Gray	<b>GF15GYLAP1</b>
		Ivory	<b>GF15ILAP1</b>
		White	<b>GF15WLP1</b>



Note: \*Consult factory for additional colors.



**GF20ILAP2**

**GFCI LED Pre-Wired/Leaded,  
 #12 Stranded Wire, 8 Inch Leads**

Description	Rating	Color*	Catalog Number
Impact resistant flush nylon face, LED, self-grounding staple, 8" stranded wire leads.	15 and 20A 125V AC	Gray	<b>GF15GYLAP2</b>
		Ivory	<b>GF15ILAP2</b>
		White	<b>GF15WLP2</b>



Note: \*Consult factory for additional colors.

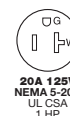


**GFTR15WP1**

**GFCI LED Tamper and Weather Resistant  
 Pre-Wired/Leaded, #12 Solid Wire, 8 Inch Leads**



Description	Rating	Color*	Catalog Number
Tamper and Weather Resistant, impact resistant flush nylon face, LED, self-grounding staple, 8" solid wire leads.	15 and 20A 125V AC	Gray	<b>GFTR15GYP1</b>
		Ivory	<b>GFTR15IP1</b>
		White	<b>GFTR15WP1</b>



Note: \*Consult factory for additional colors.  
 See page Tech-10 for Tamper-Resistant and Weather Resistant descriptions.

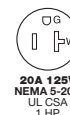


**GFTR20GYP2**

**GFCI LED Tamper and Weather Resistant  
 Pre-Wired/Leaded, #12 Stranded Wire, 8 Inch Leads**



Description	Rating	Color*	Catalog Number
Tamper and Weather Resistant, impact resistant flush nylon face, LED, self-grounding staple, 8" stranded wire leads.	15 and 20A 125V AC	Gray	<b>GFTR15GYP2</b>
		Ivory	<b>GFTR15IP2</b>
		White	<b>GFTR15WP2</b>



Note: \*Consult factory for additional colors.  
 See page Tech-10 for Tamper-Resistant and Weather Resistant descriptions.



# Ground Fault Products Heavy Duty Commercial & Hospital Grade LED GFCI Receptacles Assembled in USA

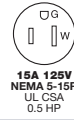


## Applications



### GFCI LED, Assembled in USA

Description	Rating	Color	Catalog Number	
Impact resistant flush nylon face, back and side wired, LED, self-grounding staple. Assembled in the USA.	15 and 20A 125V AC	Black	<b>GF15BKLU</b>	<b>GF20BKLU</b>
		Brown	<b>GF15LU</b>	<b>GF20LU</b>
		Gray	<b>GF15GYLU</b>	<b>GF20GYLU</b>
		Ivory	<b>GF15ILU</b>	<b>GF20ILU</b>
		Light Almond	<b>GF15LALU</b>	<b>GF20LALU</b>
		Red	<b>GF15RLU</b>	<b>GF20RLU</b>
		White	<b>GF15WLU</b>	<b>GF20WLU</b>



### GFCI LED Hospital Grade ●, Assembled in USA

Description	Rating	Color	Catalog Number	
Hospital Grade, impact resistant flush nylon face, back and side wired, LED, self-grounding staple. Assembled in the USA.	15 and 20A 125V AC	Black	<b>GFR8200HBKLU</b>	<b>GFR8300HBKLU</b>
		Brown	<b>GFR8200HLU</b>	<b>GFR8300HLU</b>
		Gray	<b>GFR8200HGYLU</b>	<b>GFR8300HGYLU</b>
		Ivory	<b>GFR8200HILU</b>	<b>GFR8300HILU</b>
		Light Almond	<b>GFR8200HLALU</b>	<b>GFR8300HLALU</b>
		Red	<b>GFR8200HRLU</b>	<b>GFR8300HRLU</b>
		White	<b>GFR8200HWLU</b>	<b>GFR8300HWLU</b>



### GFCI LED Tamper and Weather Resistant, Assembled in USA

Description	Rating	Color	Catalog Number	
Tamper and Weather Resistant, impact resistant flush nylon face, back and side wired, LED, self-grounding staple. Assembled in the USA.	15 and 20A 125V AC	Black	<b>GFTR15BKU</b>	<b>GFTR20BKU</b>
		Brown	<b>GFTR15U</b>	<b>GFTR20U</b>
		Gray	<b>GFTR15GYU</b>	<b>GFTR20GYU</b>
		Ivory	<b>GFTR15IU</b>	<b>GFTR20IU</b>
		Light Almond	<b>GFTR15LAU</b>	<b>GFTR20LAU</b>
		Red	<b>GFTR15RU</b>	<b>GFTR20RU</b>
		White	<b>GFTR15WU</b>	<b>GFTR20WU</b>



### GFCI LED Hospital Grade ●, Tamper and Weather Resistant, Assembled in USA

Description	Rating	Color	Catalog Number	
Hospital Grade, Tamper and Weather Resistant, impact resistant flush nylon face, back and side wired, LED, self-grounding staple. Assembled in the USA.	15 and 20A 125V AC	Black	<b>GFR8200HBKTRU</b>	<b>GFR8300HBKTRU</b>
		Brown	<b>GFR8200HTRU</b>	<b>GFR8300HTRU</b>
		Gray	<b>GFR8200HGYTRU</b>	<b>GFR8300HGYTRU</b>
		Ivory	<b>GFR8200HITRU</b>	<b>GFR8300HITRU</b>
		Light Almond	<b>GFR8200HLATRU</b>	<b>GFR8300HLATRU</b>
		Red	<b>GFR8200HRTRU</b>	<b>GFR8300HRTRU</b>
		White	<b>GFR8200HWTRU</b>	<b>GFR8300HWTRU</b>



Note: Many of the products listed on this page are assembled in USA and many are Buy American Compliant. Please contact Hubbell for specific certification requirements.  
See page Tech-10 for Tamper-Resistant and Weather Resistant descriptions.

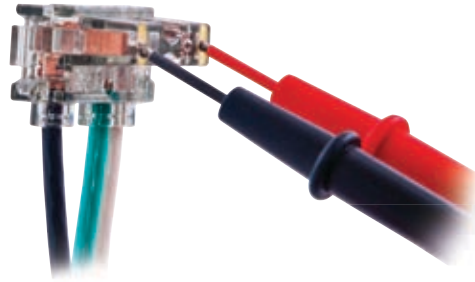
**The products listed on this page are Assembled in USA, and many are Buy American Compliant. Please contact Hubbell with any certification requirements.**

Ground Fault Products  
**SNAPConnect® Commercial Grade GFCI Receptacles**  
**Assembled in USA**



**No Special Tester Required**

.085 inch keyhole accepts the probe points found on the most common voltage testers and digital multi-meters



Audible SNAP, indicates solid connection

- Secure, easy grip latch

Inspection of power contacts

- Clear terminal housing
- No exposed metal

Requires minimal box space

- Compact size
- Clean finished look

Installation ease

- Self-grounding staple



SNAP1RNA

GFR20SNAPINA

**Many of these products are Assembled in USA, as indicated, and many are Buy American Compliant. Please contact Hubbell with any certification requirements.**

**Labor Savings Feature!**



**Save one Minute!**

Rough-in the SNAPConnect® terminal instead of pigtails.



**Save Over Three Minutes!**

Remove protective packaging and SNAPConnect® device to the circuit.



**Complete Trim-Out in Less Than One Minute!**

Secure mounting screws, attach wallplate, job complete.



Ground Fault Products  
**SNAPConnect® Commercial Grade GFCI Receptacles**  
**Assembled in USA**



**SNAPConnect® GFCI LED, Assembled in USA**

Description	Rating	Color	Commercial Grade 15A GFCI	Commercial Grade 20A GFCI
SNAPConnect GFCI LED, self-grounding staple, requires connector below, sold separately.	15 and 20A 125V AC	Black	<b>GFR15SNAPBKNA</b>	<b>GFR20SNAPBKNA</b>
		Brown	<b>GFR15SNAPNA</b>	<b>GFR20SNAPNA</b>
		Gray	<b>GFR15SNAPGYNA</b>	<b>GFR20SNAPGYNA</b>
		Ivory	<b>GFR15SNAPINA</b>	<b>GFR20SNAPINA</b>
		Light Almond	<b>GFR15SNAPLANA</b>	<b>GFR20SNAPLANA</b>
		Red	<b>GFR15SNAPRNA</b>	<b>GFR20SNAPRNA</b>
		White	<b>GFR15SNAPWNA</b>	<b>GFR20SNAPWNA</b>



GFR15SNAPGYNA

**SNAPConnect® GFCI LED Hospital Grade ●, Assembled in USA**

Description	Rating	Color	Hospital Grade ● 15A GFCI	Hospital Grade ● 20A GFCI
Hospital Grade ●, SNAPConnect GFCI LED, self-grounding staple, requires connector below, sold separately.	15 and 20A 125V AC	Black	<b>GFR8200SNAPBKNA</b>	<b>GFR8300SNAPBKNA</b>
		Brown	<b>GFR8200SNAPNA</b>	<b>GFR8300SNAPNA</b>
		Gray	<b>GFR8200SNAPGYNA</b>	<b>GFR8300SNAPGYNA</b>
		Ivory	<b>GFR8200SNAPINA</b>	<b>GFR8300SNAPINA</b>
		Light Almond	<b>GFR8200SNAPLANA</b>	<b>GFR8300SNAPLANA</b>
		Red	<b>GFR8200SNAPRNA</b>	<b>GFR8300SNAPRNA</b>
		White	<b>GFR8200SNAPWNA</b>	<b>GFR8300SNAPWNA</b>



GFR8300SNAPRNA

**SNAPConnect® GFCI LED Tamper and Weather Resistant, Assembled in USA**

Description	Rating	Color	Commercial Grade 15A GFCI	Commercial Grade 20A GFCI
SNAPConnect GFCI TR/WR, self-grounding staple, requires connector below, sold separately.	15 and 20A 125V AC	Black	<b>GFTR15SNAPBKNA</b>	<b>GFTR20SNAPBKNA</b>
		Brown	<b>GFTR15SNAPNA</b>	<b>GFTR20SNAPNA</b>
		Gray	<b>GFTR15SNAPGYNA</b>	<b>GFTR20SNAPGYNA</b>
		Ivory	<b>GFTR15SNAPINA</b>	<b>GFTR20SNAPINA</b>
		Light Almond	<b>GFTR15SNAPLANA</b>	<b>GFTR20SNAPLANA</b>
		Red	<b>GFTR15SNAPRNA</b>	<b>GFTR20SNAPRNA</b>
		White	<b>GFTR15SNAPWNA</b>	<b>GFTR20SNAPWNA</b>



GFTR20SNAPINA

**SNAPConnect® GFCI LED Hospital Grade ●, Tamper and Weather Resistant, Assembled in USA**

Description	Rating	Color	Hospital Grade ● 15A GFCI	Hospital Grade ● 20A GFCI
Hospital Grade, SNAPConnect GFCI TR/WR, self-grounding staple, requires connector below, sold separately.	15 and 20A 125V AC	Black	<b>GFTR8200SNAPBKNA</b>	<b>GFTR8300SNAPBKNA</b>
		Brown	<b>GFTR8200SNAPNA</b>	<b>GFTR8300SNAPNA</b>
		Gray	<b>GFTR8200SNAPGYNA</b>	<b>GFTR8300SNAPGYNA</b>
		Ivory	<b>GFTR8200SNAPINA</b>	<b>GFTR8300SNAPINA</b>
		Light Almond	<b>GFTR8200SNAPLANA</b>	<b>GFTR8300SNAPLANA</b>
		Red	<b>GFTR8200SNAPRNA</b>	<b>GFTR8300SNAPRNA</b>
		White	<b>GFTR8200SNAPWNA</b>	<b>GFTR8300SNAPWNA</b>



GFTR8300SNAPWNA

**SNAPConnect® Right Angle Pigtailed Terminal**

Description	Wire Type	General Use Catalog Number	Assembled in USA Catalog Number
Clear right angle terminal with 6 inch leads, 600V, #12 AWG THHN/THWN-2, Polycarbonate housing material.	Solid	<b>SNAP1RA</b>	<b>SNAP1RNA</b>
	Stranded	<b>SNAP2RA</b>	<b>SNAP2RNA</b>

Note: See page Tech-10 for Tamper-Resistant and Weather Resistant descriptions.



SNAP1RNA

**Many of these products are Assembled in USA, as indicated, and many are Buy American Compliant. Please contact Hubbell with any certification requirements.**



**Typical Applications Include:**

Power Generators, Spas, High Pressure Washers, Power Centers, Refineries and Mobile Power.



The sensing module functions interdependently with a magnetic branch circuit breaker. The module monitors the electrical circuit by use of an external differential current transformer. No direct load is present at the module. In the event of a ground fault, the load is interrupted by way of the hydraulic magnetic circuit breaker utilizing a shunt trip coil.

This line of Sensing Modules is rated from 1 to 50 Amps and circuit current-carrying conductors from 1 to 3 poles.

Product is available with an automatic or manual “safe start” reset feature. The enclosure, when mounted with the supplied gasket, achieves a UL NEMA 4X Rating. This module and breaker system is ideal for portable generator integration protecting all outlets on a generator. This system meets the proposed requirements for generators Underwriters Laboratory Standard 2201. UL/cUL 943 Listed, Class A 4-6mA trip level and UL 1053 Compliant.

**GFCI Sensing Module – 50A Maximum**

Description	Catalog Number
120V AC Sensing Module Auto	<b>GFSM120A</b>
120V AC Sensing Module Manual	<b>GFSM120M</b>
240V AC Sensing Module Auto	<b>GFSM240A</b>
240V AC Sensing Module Manual	<b>GFSM240M</b>



**GFSM120M**



**GFSMCB120401P**

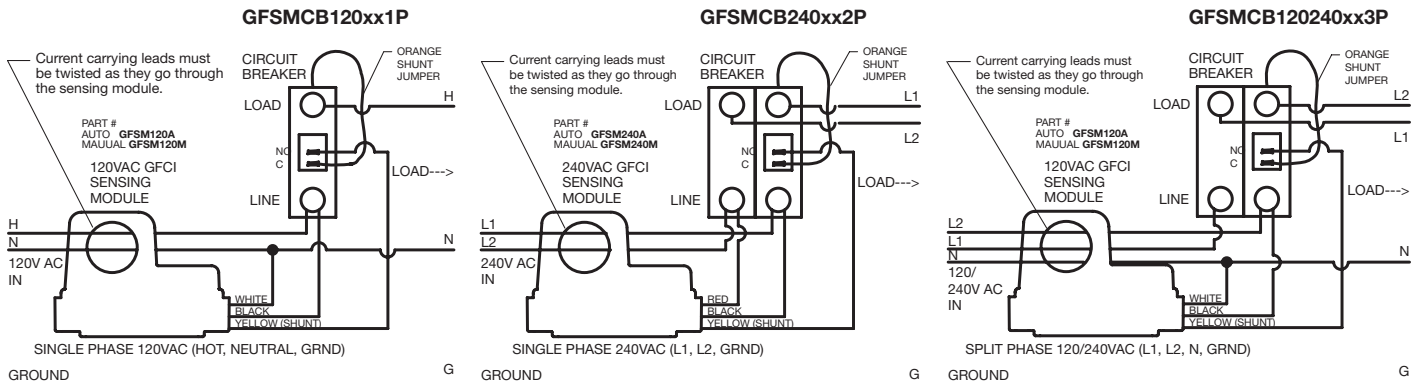
**GFCI Sensing Module Circuit Breakers**

Catalog Number Configurator

Ground Fault Sensing Module Circuit Breaker	A/C Voltage	Amperage	Number of Poles	Sensing Module Required
<b>GFSMCB</b>	120	1 to 50	1	<b>GFSM120A or M</b>
	120		2	<b>GFSM120A or M</b>
	240		2	<b>GFSM240A or M</b>
	120/240		2	<b>GFSM120A or M</b>
	120/240		3	<b>GFSM120A or M</b>

Example Catalog Numbers: **GFSMCB120401P:** 120V, 40A, 1 Pole  
**GFSMCB240502P:** 240V, 50A, 2 Pole  
**GFSMCB120240203P:** 120/240V, 20A, 3 Pole

**Wiring Schematics**



# Ground Fault Products

## Straight Blade Portable GFCI Plugs

15 Ampere, 120 Volts AC, 2 Pole, 3 Wire Grounding



### Circuit Guard® Wired On Industrial Portable GFCI Plug

Description	Rating	Catalog Number
GFCI plug, manual set, black.	2 pole, 3 wire grounding, 15A, 125V, NEMA 5-15P.	<b>GFP5266C</b>
GFCI plug, manual set, yellow.	2 pole, 3 wire grounding, 15A, 125V, NEMA 5-15P.	<b>GFP5266CY</b>
GFCI plug with 1 foot line cord, manual set, yellow, with connector body.	2 pole, 3 wire grounding, 15A, 125V, NEMA 5-15P, NEMA 5-15R.	<b>GFP1C</b>



**GFP5266CY**

### Circuit Guard® Wired On Commercial Portable GFCI Plug

Description	Rating	Catalog Number
GFCI plug, automatic set field wireable, black.	2 pole, 3 wire grounding, 15A, 125V, NEMA 5-15P.	<b>GFP515A</b>
GFCI plug, manual set field wireable, black.	2 pole, 3 wire grounding, 15A, 125V, NEMA 5-15P.	<b>GFP515M</b>



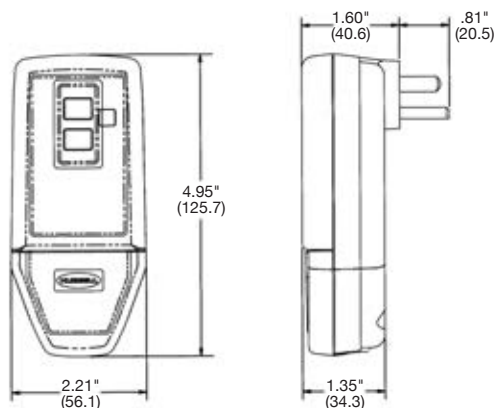
**GFP515A**

### Specifications

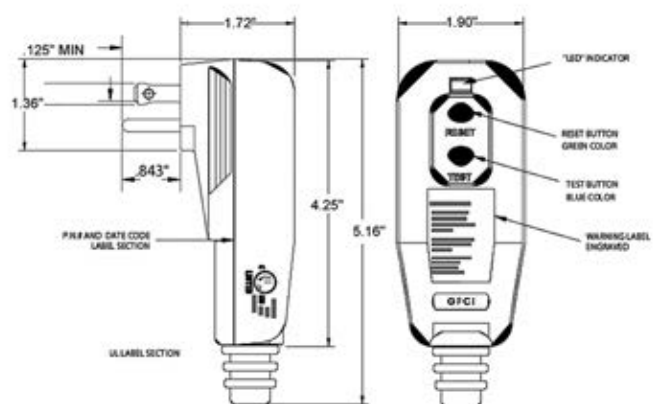
Trip Level	4 to 6 mA.
Trip Time	.025 sec. nominal.
Frequency	60 Hz.
Voltage	120V AC +10% – 15%. Incorporates no voltage release feature.
Amperage	15A.
Maximum Interrupting Capacity	2000A.
Operating Temperature	-35°C to 66°C or -30°F to 150°F.
Maximum Humidity	95%.
Housing	High-impact, UV stabilized material. UL 94V-0 flammability classification.
Input	NEMA 5-15P.
Cord Range	16/3 – 12/3 Type SJ, 18/3 – 12/3 Type S.
Cord Type: Length (GFP1C)	14/3 Type SJTW-A (UL), SJTW (CSA); 1 foot; NEMA 5-15R.
Power "ON" Indication	Indicator light.
Listings	Meets UL943 Class A Listed, CSA Certified.
Codes	Meets all NEC® and CEC requirements.

### Dimensions

**GFP5266C Series**



**GFP515 Series**







## Circuit Guard® Plug-In Portable GFCI

Description	Rating	Catalog Number
Three outlet plug-in.	15A, 120V AC	<b>GFP315A</b>



**GFP315A**

### Specifications

GFP315A	
Trip Level	4 to 6 mA.
Trip Time	.025 sec. nominal.
Frequency	60 Hz.
Voltage	120V AC +10% – 15%. Incorporates no voltage release feature.
Amperage	15A.
Maximum Interrupting Capacity	2000A.
Operating Temperature	-35°C to 66°C or -30°F to 150°F.
Maximum Humidity	95%.
Housing	High-impact ABS.
Input	NEMA 5-15P.
Output	3 NEMA 5-15R.
Fault Indication	Indicator light.
Center Screw	For optional permanent mounting.
Listings and Standards	Meets UL498 for receptacles, UL943 Class A for GFCIs UL File E41978, CSA Certified.
Codes	Meets all NEC® and CEC requirements.

## GFCI Tester

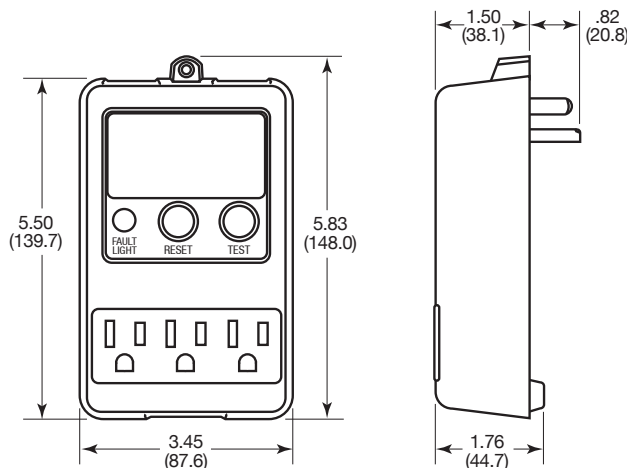
Description	Rating	Catalog Number
Ground fault tester.	120V AC	<b>GFT2G</b>



**GFT2G**

- Designed to measure the trip level of portable or “wired-in” GFCI’s in a range of 2-7mA. Leakage level can be adjusted from 2-7mA.
- Ideal for measuring leakage level of GFCI breakers, GFCI portables and GFCI receptacles.

## Dimensions

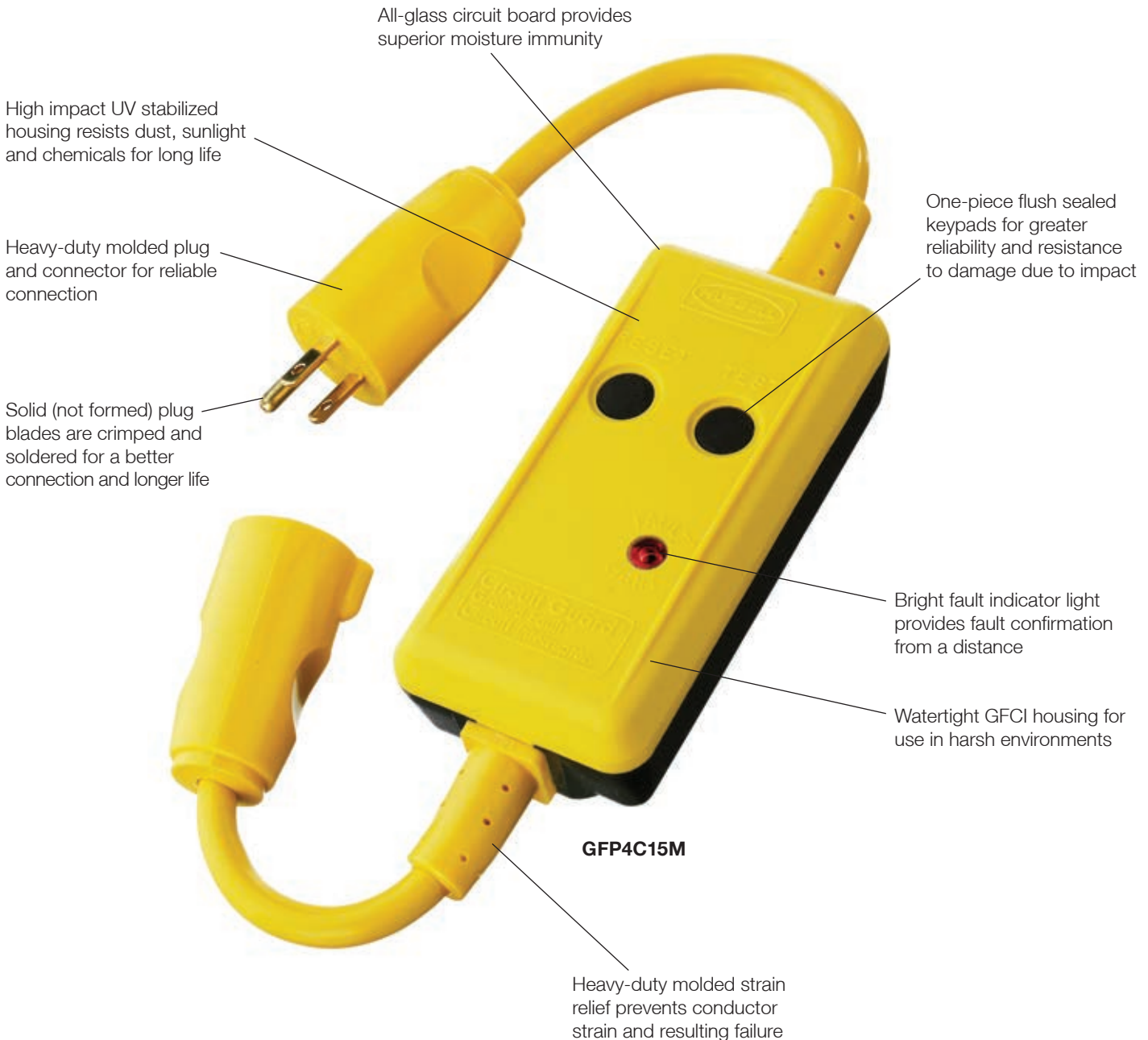




### **Circuit Guard® Set GFCI Line Cord**

Portable GFCI Line Cords provide ground fault protection both indoors and out. They interrupt electrical power for equipment loads when leakage to ground is 4-6 milliamperes. Available in lengths of 18" (45.7 cm), 6' (182.9 cm), and 25' (762 cm). A 15' (457.2 cm) OEM version with stripped leads is also available. They are offered with an Automatic Set or Manual Set feature to meet your application.

Available in Automatic Set with yellow base or Manual Set with black base.





**IP21**  
 SUITABILITY

**Circuit Guard® Automatic Set  
 Portable GFCI Line Cords**



**GFP4C15A**

Description	Catalog Number
18" (45.7 cm) GFCI line cord.	<b>GFP4C15A</b>
6' (182.9 cm) GFCI line cord.	<b>GFP6C15A</b>
25' (762.0 cm) GFCI line cord.	<b>GFP25C15A</b>
15' (457.2 cm) GFCI power supply cord with stripped leads.	<b>GFPOEMA*</b>

**Circuit Guard® Manual Set  
 Portable GFCI Line Cords**



**GFP25C15A**

Description	15A 120V AC	20A 120V AC
18" (45.7 cm) GFCI line cord.	<b>GFP4C15M</b>	-
3' (91.4 cm) GFCI line cord.	-	<b>GFP3C20M</b>
6' (182.9 cm) GFCI line cord.	<b>GFP6C15M</b>	-
25' (762.0 cm) GFCI line cord.	<b>GFP25C15M</b>	-
15' (457.2 cm) GFCI power supply cord with stripped leads.	<b>GFPOEMM*</b>	-
50' (1524.0 cm) GFCI power supply with Elastogrip® watertight straight blade.	<b>GFP50C15WM</b>	-
100' (3048.0 cm) GFCI power supply with Elastogrip® watertight straight blade.	<b>GFP100C15WM</b>	-

Note: \*Total length is 15' 4.5" (468.6 cm) including leads: green 4.5" (114.3), black and white 3.5" (88.9). Each pre-stripped .375" (9.5).

**Circuit Guard® Manual Set  
 Twist-Lock Portable GFCI Line Cords**



**GFP6C15M**

Description	15A 120V AC	20A 120V AC
3' (91.4 cm) GFCI line cord.	<b>GFP3C15MTL</b>	<b>GFP3C20MTL</b>

**Automatic Set GFCI**

Automatically energizes or sets the GFCI for use upon plug in and after the loss of primary power (power failure or unplugging the device). After a ground fault condition, unit must be reset by pushing the reset button. This feature eliminates the need for unit to be reset each time it is plugged in or powered up. Ideal for equipment intended for continuous use where a temporary power failure is likely and undesirable. Examples are pumps, pressure washers, portable signs or lighting and engine heaters.

**Manual Set GFCI**

Requires the GFCI to be manually set for use by pressing the reset button upon plug in and after loss of primary power (power failure or unplugging the device). Must be manually reset after a ground fault condition. Ideal for applications where operator injury might occur if equipment were to restart after a power failure. Typical equipment includes power drills, saws, lathes and grinders.



**GFPOEMM**

	Straight Blade	Twist-Lock®
Input	15A NEMA 5-15P, 20A NEMA 5-20P.	15A NEMA L5-15P HBL47CM20C, 20A NEMA L5-20P HBL23CM11.
Output	15A NEMA 5-15R (except GFPOEMM), 20A NEMA 5-20R.	15A NEMA L5-15R HBL47CM29C, 20A NEMA L5-20R HBL23CM13.

**Specifications**

**Portable GFCI Line Cords**

Trip Level	4 to 6 mA.
Trip Time	.025 sec. nominal.
Frequency	60 Hz.
Voltage	120V AC +10% – 15%. Incorporates no voltage release feature.
Amperage	15A/20A.
Maximum Interrupting Capacity	2000A.
Operating Temperature	-35°C to 66°C or -30°F to 150°F.
Maximum Humidity	95%.
Housing	High-impact, UV stabilized PVC. UL 94V-0 flammability classification. Meets UL and CSA watertight requirements. Adhesive bonded.
Cord Type	14/3 SJTW-A (UL), SJTW (CSA). Except GFP3C20M, GFP3C15MTL and GFP3C20MTL are 12/3 SJTW.
Visual Fault Indication Light On	Indicates fault.
Listing and Standards	Meets UL943 Class A, UL File E41978, CSA Certified.
Codes	Meets all NEC® and CEC requirements.

NEC® is a registered trademark of the National Fire Protection Association (NFPA).



**GFP3C20MTL**



Ground Fault Products  
**Portable GFCI Line Cords**  
 Commercial Grade, Automatic and Manual Set



**Circuit Guard® Portable GFCI Single Outlet - 12/3 SJEOW**

Description	15A 120V AC
2' (60.9 cm) GFCI line cord, automatic set.	Catalog Number <b>GFP2CA</b>
2' (60.9 cm) GFCI line cord, manual set.	<b>GFP2CM</b>
25' (762.0 cm) GFCI line cord, automatic set.	<b>GFP25CA</b>
25' (762.0 cm) GFCI line cord, manual set.	<b>GFP25CM</b>



GFP2CA

**Circuit Guard® Portable GFCI Triple Tap Outlet - 12/3 SJEOW**

Description	15A 120V AC
2' (60.9 cm) GFCI line cord, automatic set.	Catalog Number <b>GFP2TTA</b>
2' (60.9 cm) GFCI line cord, manual set.	<b>GFP2TTM</b>
25' (762.0 cm) GFCI line cord, automatic set.	<b>GFP25TTA</b>
25' (762.0 cm) GFCI line cord, manual set.	<b>GFP25TTM</b>



GFP2TTA

**Circuit Guard® OEM Equipment Integrated Cord Sets - 14/3 SJEOW**

Description	15A 120V AC
15' (457.2 cm) GFCI with flying leads, automatic set.	Catalog Number <b>GFP15LA</b>
15' (457.2 cm) GFCI with flying leads, manual set.	<b>GFP15LM</b>
35' (1066.8 cm) GFCI with flying leads, automatic set.	<b>GFP35LA</b>
35' (1066.8 cm) GFCI with flying leads, manual set.	<b>GFP35LM</b>



GFP15LA

**15A GFCI In Line GFCI, Single and Triple Tap - 12/3 SJTW**

Description	15A 120V AC
2' (60.9 cm), 5-15 single tap, automatic set.	Catalog Number <b>GFPI15125A</b>
2' (60.9 cm), 5-15 single tap, manual set.	<b>GFPI15125M</b>
2' (60.9 cm), 5-15 triple tap, automatic set.	<b>GFPI15125TRIA</b>
2' (60.9 cm), 5-15 triple tap, manual set.	<b>GFPI15125TRIM</b>



GFPI15125TRIM

**20A GFCI In Line GFCI, Locking - 12/3 SJTW**

Description	20A 120V AC
2' (60.9 cm), L5-20 locking, automatic set.	Catalog Number <b>GFPI15125LKA</b>
2' (60.9 cm), L5-20 locking, manual set.	<b>GFPI15125LKM</b>

**20A GFCI In Line GFCI, Locking - 12/3 SJTW**

Description	20A 250V AC
2' (60.9 cm), L6-20 locking, automatic set.	Catalog Number <b>GFPI15125LKA</b>
2' (60.9 cm), L6-20 locking, manual set.	<b>GFPI15125LKM</b>



GFPI15125LKA

**Specifications**

**Portable GFCI Line Cords**

Trip Level	4 to 6 mA.
Trip Time	.025 sec. nominal.
Frequency	60 Hz.
Voltage	120/250V AC +10% - 15%. Incorporates no voltage release feature.
Amperage	15A/20A.
Maximum Interrupting Capacity	2000A.
Operating Temperature	-35°C to 66°C or -30°F to 150°F.
Maximum Humidity	95%.
Housing	High-impact, UV stabilized PVC. UL 94V-0 flammability classification. Meets UL and CSA watertight requirements. Adhesive bonded. Indicates fault.
Visual Fault Indication Light On	
Listing and Standards	Meets UL943 Class A, UL File E41978, CSA Certified.
Codes	Meets all NEC® and CEC requirements.



GFPI15125LKM

NEC® is a registered trademark of the National Fire Protection Association (NFPA).



**IP21**  
 SUITABILITY



**GFP15M**

**Multiple Outlet Portable GFCI**

Description	Rating	Receptacles	Plug	Catalog Number
4 outlet, manual set, yellow.	15A, 120V AC	(2) Duplex 5-15R	NEMA 5-15P	<b>GFP15M</b>
4 outlet, manual set, yellow.	20A, 120V AC	(2) Duplex 5-20R	NEMA 5-20P	<b>GFP20M</b>



**GFM20**

**GFCI Module - UL Type 3R Rated**

Description	Rating	Catalog Number
GFCI module, manual set, yellow.	20A, 120V AC, 60 Hz	<b>GFM20</b>
GFCI module, auto set, yellow.	20A, 120V AC, 60 Hz	<b>GFM20A</b>

**Specifications**

	GFP15M / GFP20M	GFM20 / GFM20A
Trip Level	4 to 6 mA.	4 to 6 mA.
Trip Time	.025 sec. nominal.	.025 sec. nominal.
Frequency	60 Hz.	60 Hz.
Voltage	120V AC +10% - 15%. No voltage release feature.	120V AC +10% - 15%. No voltage release feature.
Maximum Interrupting Capacity	5000A.	5000A.
Current	15A / 20A.	20A / 20A Feed-through.
Operating Temperature	-35°C to 66°C or -30°F to 150°F.	-35°C to 66°C or -30°F to 150°F.
Housing Rating	High-impact, yellow Valox® with protective lift covers.	High-impact, UV stabilized, rigid PVC. UL 94V-0 flammability classification. UL Type 3R Rated.
Input	5-15P, 15A / 5-20P, 20A. IP21 Suitability.	#12 AWG stranded conductors (black/white/green).
Output	5-15R(4), 15A / 5-20R(4), 20A.	#12 AWG stranded conductors (red/gray).
Power Supply Cord	6' (182.9 cm) STOW-A (STW FT2 CSA).	N/A.
Mounting Screws	N/A.	Self-tapping, combination, #6-32.
Power "ON" Indication	LED indicator light.	LED indicator light.
Agency Approvals	UL Listed, UL498 for receptacles. Meets UL943 Class A for GFCI's.	UL Listed, CSA Certified. Meets UL943 Class A for GFCI's.
Codes	Meets all NEC® and CEC requirements.	Meets all NEC® and CEC requirements.

Valox® is a trademark of SABIC Innovative Plastics, acquired from General Electric Company.  
 NEC® is a registered trademark of the National Fire Protection Association (NFPA).

# Ground Fault Products

## Hard Wired 30 Ampere GFCI - NEMA 4X



### Applications

Power Generators  
Submersible Pumps  
Textile

Agricultural Equipment  
Cement Cutting Equipment  
Food Processing

Production Assembly Equipment  
Spa and Hot Tubs  
Vending Equipment



### Circuit Guard® Hard Wired 30A GFCI - UL Type 4X Rated

Description	Voltage	Alarm	Manual Set	Automatic Set
Hard wired, manual set and automatic set GFCIs.	120V AC	None	<b>GFHW13005</b>	<b>GFHW13105</b>
	120V AC	Audible	<b>GFHW13015</b>	<b>GFHW13115</b>
	240V AC	None	<b>GFHW23005</b>	<b>GFHW23105</b>
	240V AC	Audible	<b>GFHW23015</b>	<b>GFHW23115</b>
	120/240V AC	Audible	<b>GFHW33015</b>	<b>GFHW33115</b>
	3Ø 250V AC	None	<b>GFHW530</b>	<b>GFHW531</b>
	3Ø 120/208V AC	None	<b>GFHW430</b>	<b>GFHW431</b>

Note: All units above are stock items.

### Specifications

#### Electrical Ratings

Rated Voltage	120V AC, 240V AC and 120/240V, 3Ø 250V AC, 3Ø 120/208V AC.
Operating Voltage Range	85% to 110%.
Current	Up to 30A or device rating.
Frequency	60 Hz.
Trip Level	4-6 mA.
Phase	Single.
Response Time	.025 sec. Max.
Dielectric Withstand	1500 VRMS across contact, 4000 VRMS between conductors and enclosure.
Surge Withstand	6000V impulse, 0.5 microseconds rise time 100kHz ringing frequency with 40% decay per cycle.
Let Go Line Voltage	60% of rated.
Grounded Neutral Detection	6 Ohms or less.
Power Up	Manual or automatic reset.

#### Environmental Ratings

Housing Rating	UL Type 4X.
Construction	Industrial grade design.
Type	Class A GFCI.
Operating Temperature	-35°C to 66°C, -30°F to 150°F.
Leakage Current @ 93% Humidity	Zero.

#### Features

Life (Endurance)	10,000 cycles (6000 with load and 4000 without load).
Grounded Neutral Protection	Open neutral protection Trips upon loss of neutral.
Power On Indicator	Trips if ground and neutral touch at load side.
Power Off Indicator	Green light on.
Wiring Application	Red blinking light plus optional audible alarm.
Switch Interface	3 Wire Single Phase (Hot, Neutral and Ground),
Latching Mechanism	4 Wire Single Phase (Line 1, Line 2, Neutral and Ground).
Physical Specifications	Double Insulated.
	Electromagnetic.

#### Physical Specifications

Wire Leads	#10 AWG, 24" long.
Unit Color	Gray with black cover.
Label Color on Portable and Hard Wired Units	Automatic reset: yellow background with black lettering.
Weight	Manual reset: black background with yellow lettering.
	1.40 lbs.

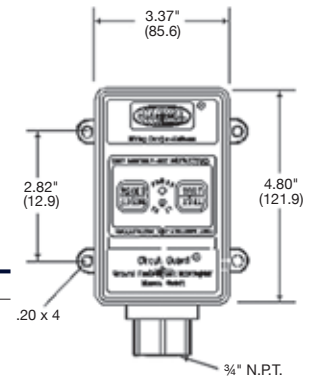
### Related Code

Confined Space	OSHA 29 CFR 1926.404 (b) (1) (ii)
	OSHA 29 CFR 1926.405 (a) (2) (ii) (G)
Construction Sites	NEC 590.6
Commercial Garages	NEC 511.12
Fountains	NEC 680.5B
Spas and Hot Tubs	NEC 680.40
Marinas	NEC 555.3

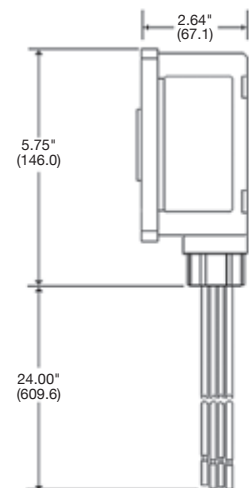
Automatic Reset GFCI



Manual Reset GFCI



Dimensional Drawing



Side View

Dimensions in Inches (mm)





### Applications

Pressure Washers  
De-icing Equipment  
Pipeline Heaters

Portable Electric Heaters  
Material Dryers  
Automotive Garages

Portable Power Tools  
Submersible Pumps  
Outdoor Signage



GFP1311



### Circuit Guard® Portable 30A GFCI - UL Type 4X Rated

Description	Cord Length	Voltage	Manual Set	Automatic Set
Portable, manual set and automatic set GFCIs.	2' (60.9 cm)	120V AC	<b>GFP1301</b>	<b>GFP1311</b>
	6' (182.9 cm)	120V AC	<b>GFP1305</b>	<b>GFP1315</b>
	25' (762.0 cm)	120V AC	<b>GFP1302</b>	<b>GFP1312</b>
	50' (1524.0 cm)	120V AC	<b>GFP1303</b>	<b>GFP1313</b>
	2' (60.9 cm)	240V AC	<b>GFP2301</b>	<b>GFP2311</b>
	25' (762.0 cm)	240V AC	<b>GFP2302</b>	<b>GFP2312</b>
	6' (182.9 cm)	120/240V AC	<b>GFP3305</b>	<b>GFP3315</b>
	6' (182.9 cm)	3Ø 250V AC	<b>GFP5305</b>	<b>GFP5315</b>
	6' (182.9 cm)	3Ø 120/208V AC	<b>GFP4305</b>	<b>GFP4315</b>

Note: All units above are stock items.

### Circuit Guard® 30A GFCI In Line GFCI - Locking

Description	Cord Length	Voltage	Manual Set	Automatic Set
L5-30 locking.	2' (60.9 cm)	120V AC	<b>GFPIL30125LKM</b>	<b>GFPIL30125LKA</b>
L6-30 locking.	2' (60.9 cm)	250V AC	<b>GFPIL30250LKM</b>	<b>GFPIL30250LKA</b>

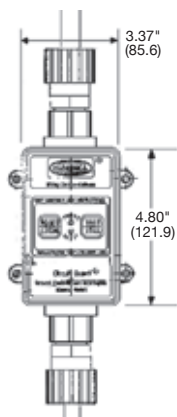
### Plug and Connector Selector Chart (partial listing)

The chart below is a list of possible Hubbell plug and connector body products that can be used with the Hubbell Portable GFCIs.

Family	Style	Amps	Voltage	Hubbell Catalog Number
Insulgrip®	Straight Blade	15	120V AC	<b>HBL5266C &amp; HBL5269C</b>
Insulgrip®	Twist-Lock®	30	240V AC	<b>HBL2621 &amp; HBL2623</b>
Watertight Safety-Shroud®	Twist-Lock®	30	240V AC	<b>HBL2621SW &amp; HBL2623SW</b>
IEC Pin & Sleeve	Watertight Pin & Sleeve	30	240V AC	<b>HBL330P6W &amp; HBL330C6W</b>
Insulgrip® Pin & Sleeve	Insulgrip® Pin & Sleeve	30	240V AC	<b>HBL330PS2W &amp; HBL330CS2W</b>
Hubbellock®	Hubbellock®	20	120V AC	<b>HBL23035B &amp; HBL23032B</b>



GFPIL30250LKM



Dimensional Drawing

### Specifications

#### Electrical Ratings

Rated Voltage	120V AC, 240V AC, 120/240V AC, 3Ø 250V AC, 3Ø 120/208V AC.
Operating Voltage Range	85% to 110%.
Current	Up to 30A or device rating.
Frequency	60 Hz.
Trip Level	4-6 mA.
Response Time	25 ms Max.
Dielectric Withstand	1500 VRMS across contact, 4000 VRMS between conductors and enclosure.
Surge Withstand	6000V impulse, 0.5 microseconds rise time 100kHz ringing frequency with 40% decay per cycle.
Let Go Line Voltage	60% of rated.
Power Up	Manual or Automatic reset.

#### Environmental Ratings

Housing Rating	UL Type 4X.
Construction	Industrial grade design.
Type	Meets UL943 Class A GFCI.
Operating Temperature	-35°C to 66°C, -30°F to 150°F.
Leakage Current @ 93% Humidity	Zero.

#### Features

Life (Endurance)	10,000 cycles (6000 with load and 4000 without load).
Open Neutral Protection	Trips upon loss of neutral.
Grounded Neutral Protection	Trips if ground and neutral touch at load side.
Power On Indicator	Green light on.
Power Off Indicator	Red blinking light plus optional audible alarm.
Wiring Application	3 Wire Single Phase (Hot, Neutral and Ground). 4 Wire Single Phase (Line 1, Line 2, Neutral and Ground).
Switch interface	Double Insulated.
Latching Mechanism	Electromagnetic.

#### Physical Specifications

Cord Type	2-50', 10/3 SJGOOW. 100', 8/3 SEOW.
Unit Color	Gray with black cover.
Label Color on Portable and Hard Wired Units	Automatic reset: Yellow background with black lettering. Manual reset: Black background with yellow lettering.
Weight	2 ft. 1.8 lbs., 6 ft. 2.7 lbs., 25 ft. 6.8 lbs., 50 ft. 12.4 lbs., 100 ft. 23.3 lbs.

#### Related Code

Confined Space	OSHA 29 CFR 1926.404 (b) (1) (ii) OSHA 29 CFR 1926.405 (a) (2) (ii) (G)
Construction Sites	NEC 590.6
Commercial Garages	NEC 511.12
Outdoor Signs	NEC 600.10
Spas and Hot Tubs	NEC 680.40
Boat Yards	NEC 555.3

Dimensions in Inches (mm)