

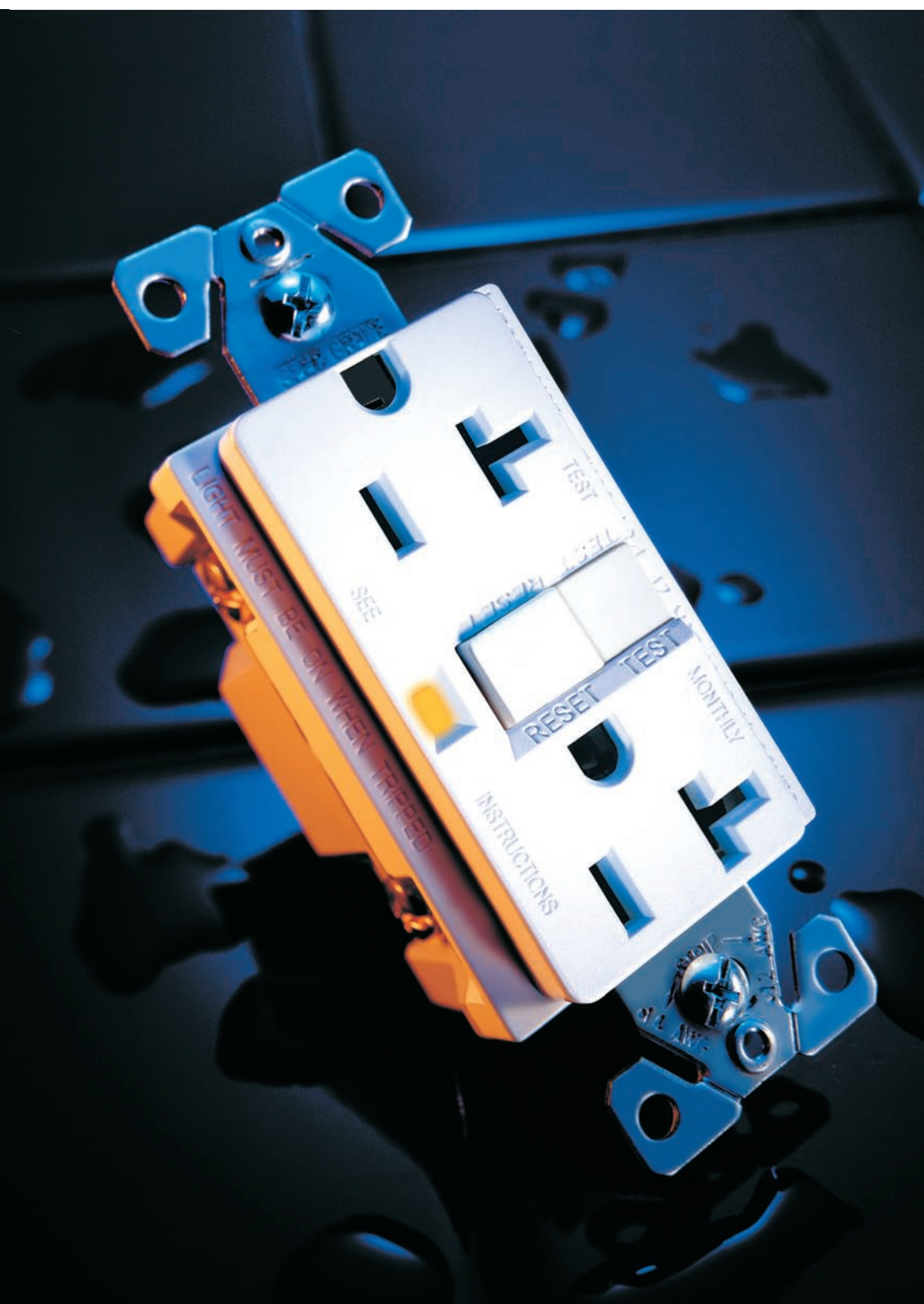


cULus | CSA | NEMA | NOM | ANCE  
H O S P I T A L  
I N D U S T R I A L  
I N S T I T U T I O N A L  
C O M M E R C I A L  
R E S I D E N T I A L

## Ground Fault Circuit Interrupters

GFCI receptacles  
designed for faster  
installation and  
unsurpassed  
protection  
and durability.

Meets all new UL943  
safety standards.



# GROUND FAULT CIRCUIT INTERRUPTERS

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| NOM | ANCE  
HOSPITAL  
INDUSTRIAL  
INSTITUTIONAL  
COMMERCIAL  
RESIDENTIAL



## Cooper's innovative design brings you GFCIs that provide vital protection, and are as rugged and dependable as they are attractive.

In homes, hospitals and businesses...and on construction sites, too...Ground Fault Circuit Interrupters (GFCIs) provide vital protection from ground fault leakage—and the possibility of accidental electrocution.

And where safety is the issue, you'll find Cooper at the forefront. Even before the 2003 changes to UL Standard 943 regarding GFCI products, Cooper designs were acknowledged to be the safest and easiest to install in the industry, with patented features that helped ensure correct, safely wired devices. Combining our features with the latest additions to UL943 requirements has made the best even better.

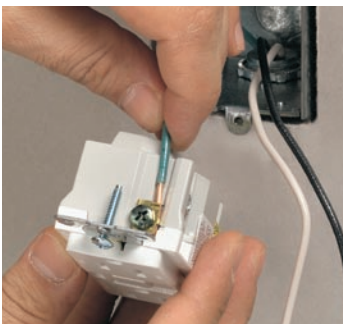
Designed and manufactured like no other, Cooper GFCIs deliver an unmatched combination of performance and features.

We build our GFCIs to last, using impact and chemical resistant nylon for the face and housing. And we design performance into every device, with such features as Test/Reset lockout protection against miswired line-load or GFCI damage, LED tripped condition indicator, back wiring clamps with wide-open ground screw access, and large back wiring holes. It all contributes to easy installation and long-term safety. Whether your application is residential, commercial, industrial or institutional, Cooper has a dependable, high-performance GFCI that will meet your needs.

### Applications

- Homes
- Healthcare facilities
- Hotels/Motels
- Retail operations
- Business offices
- Municipal facilities
- Manufacturing facilities
- Airports
- Warehouses
- Marinas/Docks
- Processing plants
- Food/Beverage facilities
- Agricultural operations
- RVs/RV parks
- Construction sites

### Design advantages that maximize protection and speed installation.



#### Easy Access Ground With Back Wiring Clamp

Features wide-open access to the backed-out and staked, green, hex-head ground screw, with plenty of room and a clamp for fast, secure termination; easily accommodates even forked (spade) terminals.



#### The Ultimate in Back Wiring

Eight back wiring holes accept #14 through #10 AWG conductors, and with two holes per termination, the need for pigtailed leads is eliminated.



#### LED Indicator Light

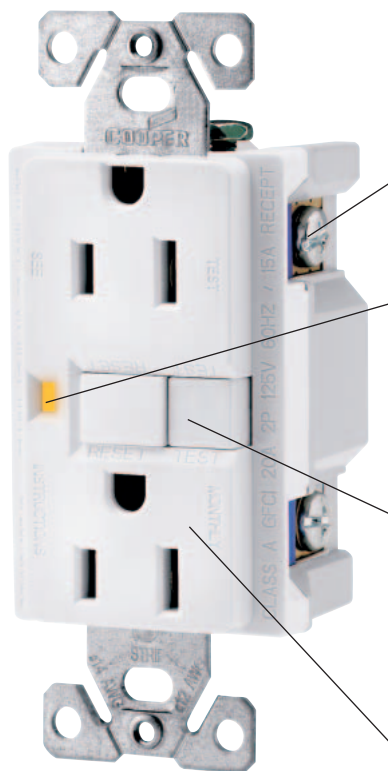
Visually signals occurrence of a tripped condition so user knows at a glance to activate the RESET button.

# With an unmatched wealth of features, Cooper's Ground Fault Circuit Interrupters are the most advanced and easiest to install devices of their kind.

Choose the Cooper GFCI with these advanced features from Hospital Grade, Specification Grade and Combination Switch/GFCI devices.

## FEATURES AND BENEFITS

- **Meets all new UL943 (GFCI) Safety Standards** and UL498 (Receptacles) requirements.
- **Test/Reset lock-out function:** Innovative circuit design performs several vital tests. In the event of reversed line-load wiring at installation, or during a ground fault occurrence, the GFCI will not reset. Also, if sensing electronics later become damaged the unit will (if not already tripped, upon having its test function performed) be prevented from resetting.
- **LED indicator light** provides a quick visual reference for detecting a tripped condition—a built-in convenience for all end-users.
- **20-amp feed-through rating** allows full branch circuit wiring flexibility for downstream receptacles.
- **Back wiring clamp and wide-open ground screw access** ensure a fast, struggle-free installation, and a securely terminated ground wire.
- **Unobtrusive appearance and low profile** blend perfectly into any environment or décor, especially in high-visibility areas such as kitchens and baths.



**Wide-open ground screw access** with back wiring clamp ensures a fast, struggle-free installation, and securely terminated ground wire.

**All terminal screws are backed out,** staked, and ready to wire.

**LED indicator light provides a quick visual reference** for detecting a tripped condition—a built-in convenience for end-users.

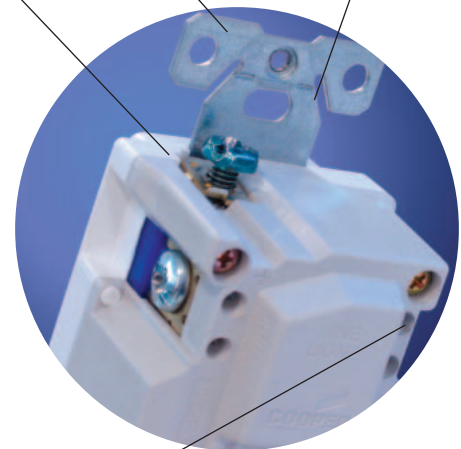
**Easy-to-use, uniform color test/reset buttons provide multiple levels of safety function. Reset lock-out occurs during:**

- Reverse wiring of line/load conductors.
- Ground fault trip occurrence.
- GFCI circuitry damage—loss of ability to detect.

**Highly chemical-resistant and impact-resistant thermoplastic** face and body. Low-luster matte finish is attractive and is extremely easy to clean.

**Longest, widest possible "bridged" mounting strap** provides 40% more contact area with wallboard.

**Exclusive built-in wire stripper** provides backup for misplaced tools.



**Eight back wiring holes** (two per termination) accept up to #10 AWG solid or stranded wire for maximum feed-through flexibility.



# Hospital Grade Ground Fault Circuit Interrupters



## FEATURES

All Hospital Grade GFCI devices share the "core features" illustrated on page 3 of this brochure, plus...

- Meets all UL948 Hospital Grade requirements.
- Matching thermoplastic wallplate included.
- Durable, impact-resistant thermoplastic construction.
- Captive device and wallplate screws speed installation.
- Low overall dimensions provide for more wiring room in "crowded box" situations.
- Larger color-matched and recessed Test & Reset buttons are easier to use and offer uniform appearance.



## Hospital Grade GFCI

2-pole, 3-wire grounding, 20A feed-through rating

Back and Side Wire with Standard Size Unbreakable Wallplate

Rating A	V	NEMA	Description	Colors	Catalog No.
15	125	5-15R	Duplex Receptacle	B, BK, GY, V, RD, W	XHGF15
20	125	5-20R	Duplex Receptacle	B, BK, GY, V, RD, W	XHGF20

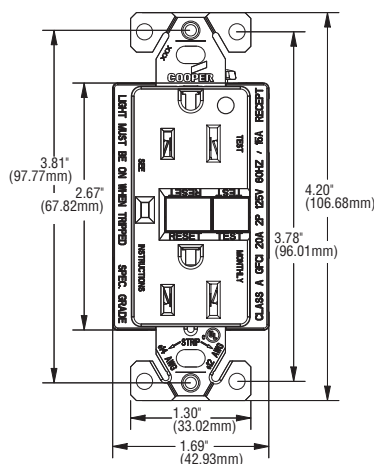
\* Color key: Brown (B), Black (BK), Gray (GY), Ivory (V), Red (RD), White (W). To order color, add appropriate letter code to catalog number (e.g., XHGF15B, XHGF20V).

## TESTING & CODE COMPLIANCE

- cULus Listed (file no. E60120). Meets all new UL943 (GFCI) Safety Standards, and U498 (Receptacles) requirements. Meets all UL498 Hospital Grade requirements.
- NOM Certified.

## MATERIAL CHARACTERISTICS

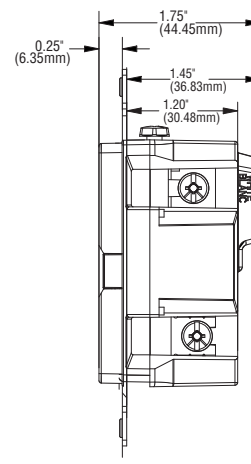
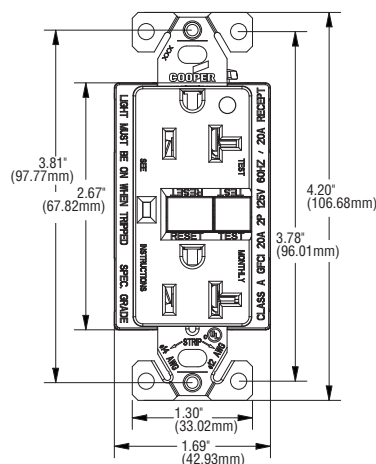
Meets flammability requirements per UL94, V2 rated.  
Temperature Rating:  
-35°C to 66°C.



5-15R



5-20R



# Specification Grade Ground Fault Circuit Interrupters



**G R O U N D  
F A U L T  
C I R C U I T  
I N T E R R U P T E R S**  
cULus | CSA | NEMA  
| N O M | A N C E  
**H O S P I T A L  
I N D U S T R I A L  
I N S T I T U T I O N A L  
C O M M E R C I A L  
R E S I D E N T I A L**

## FEATURES

All Specification Grade GFCI devices share the "core features" illustrated on page 3 of this brochure, plus...

- **Blank Face Motor Controller** meets UL508 for motor control switch, rated at 1-1/2 HP horsepower rating.
- **Captive device and wallplate screws** speed installation.
- **Low overall dimensions** provide for more wiring room in "crowded box" situations.
- **Larger color-matched and recessed Test & Reset buttons** are easier to use and offer uniform appearance.
- **Matching thermoplastic wallplate** included.

## Specification Grade GFCI

2-pole, 3-wire grounding, 20A feed-through rating

### Specification Grade GFCI Back and Side Wire with Unbreakable Wallplate

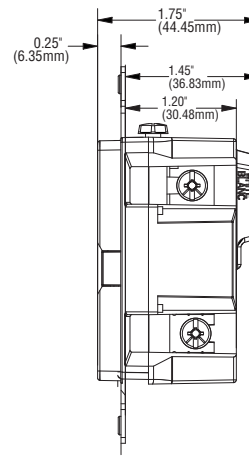
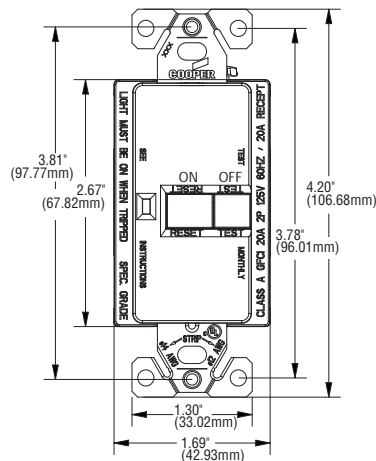
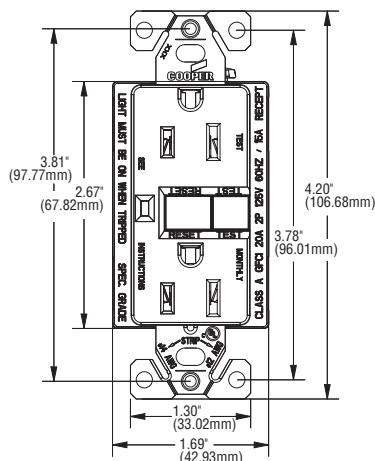
Rating		NEMA	Description	Colors	Catalog No.	
A	V				W/Std. Plate*W/Midi Plate**	
15	125	5-15R	Duplex Receptacle	A, BK, B, GY, V, LA, W	XGF15	XGF15
20	125	5-20R	Duplex Receptacle	A, BK, B, GY, V, LA, W	XGF20	—

### Specification Grade GFCI—1-1/2 HP Motor Controller Blank Face—Back and Side Wire

Rating		NEMA	Description	Colors	Catalog No.	
A	V					
20	125	5-20R	Blank Face	A, BK, V, W		XDGF20

\* Color key: Almond (A), Brown (B), Black (BK), Gray (GY), Ivory (V), Light Almond (LA), White (W).  
To order color, add appropriate letter code to catalog number (e.g., XGF15B, XGF20V, XDGF20W).

\*\* Available in Almond (A-M), Ivory (V-M), Light Almond (LA-M) and White (W-M).

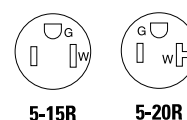


## TESTING & CODE COMPLIANCE

- cULus Listed (file no. E60120). Meets all new UL943 (GFCI) Safety Standards, and UL498 (Receptacles) requirements. Motor controller meets all UL508 (Motor Control) requirements.
- NOM Certified.

## MATERIAL CHARACTERISTICS

Meets flammability requirements per UL94, V2 rated.  
Temperature Rating: -35°C to 66°C.





# Single-Gang Combination Switch/ GFCI-Protected Receptacle



## FEATURES AND BENEFITS

- **Meets new UL943 (GFCI) Safety Standards,** UL498 (Receptacle) and UL20 (Switch) requirements.
- **Patented correct wiring/trip LED indicator light** visibly signals proper line-to-load connections—assures error-free installation.
- **15A-120V SP switch** handles motor loads of up to 12 full-load amps.
- **20-amp feed-through rating** allows full branch circuit wiring flexibility for downstream receptacles.
- **Low overall dimensions** provide for more wiring room in "crowded box" situations.
- **Mid-size wallplate** covers gaps from "less-than-perfect" wallboard cutouts.
- **Trip threshold (5ma+/-1ma) and response time (0.025 sec.)** meet Class A requirements.
- **Captive device and wallplate screws** speed installation.
- **Durable, impact-resistant** thermoplastic construction.

## Single-Gang Combination Switch/ GFCI-Protected Receptacle

2-pole, 3-wire grounding, 20A feed-through rating

### Combination Single GFCI with SP Switch

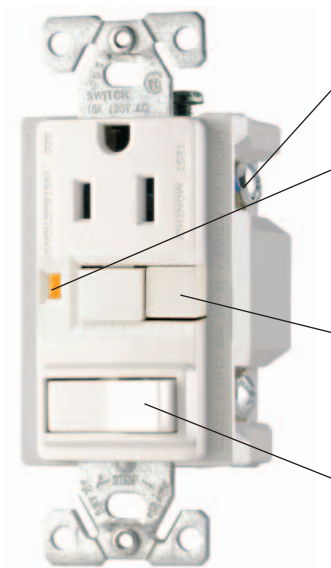
Rating	V/AC	Colors	Catalog No.
GFCI: 15A at face; 20A feed-through. Switch: 15A—1800W @ 120V, 60Hz AC only for motor loads of maximum 12 full-load amps, not to exceed 1/2 HP.	125 60Hz	Almond	XSGF15A-MSP
		Ivory	XSGF15V-MSP
		Light Almond	XSGF15LA-MSP
		White	XSGF15W-MSP

### TESTING & CODE COMPLIANCE

- UL Listed (file no.E60120). Meets all new UL943 (GFCI) Safety Standards, and U498 (Receptacles) and UL20 (Switch) requirements.
- Meets all CSA requirements, C22.2 no. 144, no. 42 and no. 111, CSA Certified (file no. 54331 (1451-01)).
- NOM Certified.

### MATERIAL CHARACTERISTICS

Meets flammability requirements per UL94, V2 rated.  
Temperature Rating:  
-35°C to 66°C.



**All terminal screws are backed out,** staked, and ready to wire.

**Patented correct wiring/trip LED indicator light** visibly signals proper line-to-load connections—assures error-free installation.

**Easy-to-use, uniform color test/reset buttons provide multiple levels of safety function.**

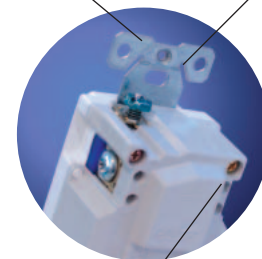
**Reset lock-out occurs during:**

- Reverse wiring of line/load conductors.
- Ground fault trip occurrence.
- GFCI circuitry damage—loss of ability to detect.

**15A-120V SP switch** handles motor loads of up to 12 full-load amps.

**Longer, wider "bridged" strap** provides 40% more contact area with wallboard.

**Exclusive built-in wire stripper** provides backup for misplaced tools.



**Eight back wiring holes** (two per termination) accept up to #10 AWG solid or stranded wire for maximum feed-through flexibility.

# Portable GFCI



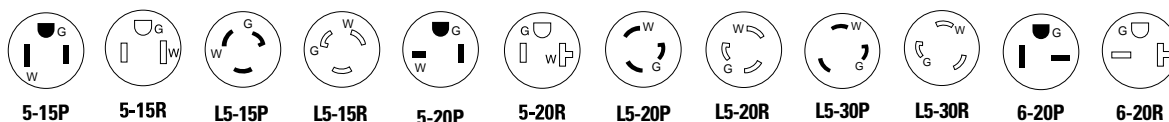
## FEATURES AND BENEFITS

- **Heavy-duty, impact-resistant**, high-visibility-yellow thermo-plastic housings for long life in abusive environments.
- **In-line devices employ green LED to signal power ON** for quick visual check. Right-angle units employ red mechanical trip indicator.
- **Ideal for construction site, industrial plant, agricultural process and all equipment service applications.**
- **Meets all OSHA and NEC job-site regulations** to provide for open-neutral personal protection.
- **Manual reset best specified for power tool applications** to prevent unexpected start-up after power interruption.
- **Automatic reset preferred for unattended operations** such as spas and freezers.
- **Custom Orders:** Custom cord lengths, in-line placement, watertight and/or IEC connectors may be ordered – consult factory.

## Portable GFCI

2-pole, 3-wire grounding

In-Line Series—Manual Reset						
Rating A	V/AC	NEMA	Plug/Connector Style*	Cord Length	Cord Gauge AWG	Catalog No.
15	120	5-15	I, I-B, M, W	2' (0.61m)	14/3	GFP201
			T	2' (0.61m)	12/3	GFP201
			I, M	6' (1.83m)	14/3	GFP202
			I, M	25' (7.62m)	14/3	GFP203
			I, M	50' (15.24m)	14/3	GFP204
		L5-15	L	2' (0.61m)	12/3	GFP210
20	120	5-20	I, M	2' (0.61m)	12/3	GFP221
			A	6' (1.83m)	12/3	GFP222
			A	25' (7.62m)	12/3	GFP223
		L5-20	L	2' (0.61m)	12/3	GFP226
30	120	L5-30	L, W	2' (0.61m)	10/3	GFP231
			L, W	6' (1.83m)	10/3	GFP232
			L, W	25' (7.62m)	10/3	GFP233
Right-Angle Series—Manual Reset						
Rating A	V/AC	NEMA	Plug/Connector Style*	Cord Length	Cord Gauge AWG	Catalog No.
15	120	5-15R	I, M	2' (0.61m)	14/3	GFP101
			T	2' (0.61m)	12/3	GFP101
			I, M	6' (1.83m)	14/3	GFP102
			I, M	25' (7.62m)	14/3	GFP103
			I, M	50' (15.24m)	14/3	GFP104





GFP201T



GFP302



GFP200-B



GFP400

#### In-Line Series—Automatic Reset—Black Housings

Rating A	V/AC	NEMA	Plug/Connector Style*	Cord Length	Cord Gauge AWG	Catalog No.
15	120	5-15	M-A	2' (0.61m)	14/3	GFP201
			M-A	6' (1.83m)	14/3	GFP202
			M-A	25' (7.62m)	14/3	GFP203
			T-A	2' (0.61m)	12/3	GFP201

#### Quad Box Series—Manual Reset

Rating A	V/AC	NEMA	Plug/Connector Style	Cord Length	Cord Gauge AWG	Catalog No.
15	120	5-15	4 Outlet/ Right-Angle Unit	2' (0.61m)	12/3	GFP301
				6' (1.83m)	12/3	GFP302
				25' (7.62m)	12/3	GFP303
				50' (15.24m)	12/3	GFP304
20		5-20	4 Outlet/ Right-Angle Unit	2' (0.61m)	12/3	GFP321
				6' (1.83m)	12/3	GFP322
				25' (7.62m)	12/3	GFP323

#### User Attachable OEM Unit—Manual Reset

Rating A	V/AC	NEMA	Description	Accepts Cord Gauge	Catalog No.
15	120	5-15	Right-Angle Unit	12–18 AWG	GFP100
20	120/240	5-20/6-20	In-Line Unit	12–18 AWG	GFP200

#### Plug-In Portable Adapters, with Surge Protection—Manual Reset

Rating A	V/AC	NEMA	Description	Catalog No.
15	120	5-15	Single Outlet Adapter	GFP400
			Three Outlet Adapter	GFP410

\* Plug/connector style key: Autogrip (I), AutoGrip-Black (I-B), Molded (M), Tri-Tap (T), Auto-Grip Locking (L), Watertight-Locking (W), Molded Automatic Reset (M-A), Tri-Tap Automatic Reset (T-A). To order, add appropriate letter code to catalog number (e.g., GFP201M, GFP101T, GFP201M-A).

**GROUND  
FAULT  
CIRCUIT  
INTERRUPTERS**  
UL | CSA | NEMA  
| NOM | ANCE  
**HOSPITAL  
INDUSTRIAL  
INSTITUTIONAL  
COMMERCIAL  
RESIDENTIAL**



#### TESTING & CODE COMPLIANCE

\* UL Listed to meet all new UL943 (GFCI) Safety Standards (file no. 47921).

\* CSA certified to C22.2 no. 1451 (file no. 68658).

#### MATERIAL CHARACTERISTICS

Environmental:  
flammability per UL94 requirements, V2 rated.  
Temperature Rating:  
-35°C to 66°C.



# About The New UL Standards For GFCIs



## **The New Safety Features: Underwriters Laboratory Standard 943, 3rd Edition (1/1/03)**

- A reversed line-load miswire function that prevents the GFCI from being reset and subsequently providing power to downstream receptacles.\*
- Increased voltage surge immunity.
- Increased levels of corrosion and moisture resistance.
- Increased immunity from radio frequency interference.
- An operating mechanism test, to verify that proper operation of the GFCI cannot be prevented by manipulation of the GFCI controls.
- An abnormal over-voltage test to better protect the GFCI from becoming a fire or shock hazard during catastrophic over-voltage conditions.

\*Note that under new UL943 requirements, if line-load is miswired, the GFCI receptacle face may still remain powered and without GFCI protection.

## Push The Button

Lightning storms and other power surges can damage a GFCI over time. A second is all it takes to tell if they are still doing their job:

- Push the button.
- If the test button doesn't work or if it won't reset, stop using it.
- Have any failed unit(s) replaced immediately.

**It's a fact: GFCIs save lives. Remember to test them regularly, particularly after electrical storms and power outages.**

**In addition to our superb line of GFCIs, Cooper Wiring Devices offers the largest selection of straight blade and locking receptacles available in the Americas.**



**Distributed by:**

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