



# Home Electrical Safety

AFCI, GFCI and  
Dual Function  
Protection

**THE FUTURE IS ON®**



# More Complete Protection

As a recognized leader in electrical safety and innovation, Leviton engineers its Arc-Fault Circuit Interrupter (AFCI), Ground-Fault Circuit Interrupter (GFCI) and Dual Function AFCI/GFCI receptacles and circuit breakers to the highest safety standards so you can feel confident with every installation.

Our smart circuit breakers take safety to the next level, allowing homeowners the ability to manage their electrical system via the My Leviton™ app for real-time operational status.

**Electrical safety is serious business. Put your trust in the company that is serious about electrical safety...Leviton.**

**Look for these symbols.**



Helps prevent electrical fires



Helps protect against electrical shocks





### Patented Reset Lockout

All Leviton AFCI, GFCI and AFCI/GFCI devices feature a reset/lockout function which prevents the device from being reset if the AFCI or GFCI is not functioning properly, protection has been compromised or line and load wires were reversed during installation.

### GFCI Self-Test

Engineered to meet the latest UL standard for auto-monitoring (self-test), all Leviton receptacles and circuit breakers with GFCI technology periodically conduct an automatic internal test to confirm that GFCI-protected power is present. Our devices provide continuous ground-fault protection; they will detect and trip on an actual ground-fault even when the self-test is being conducted.

### Circuit Breaker Classes

**Thermal Magnetic** – Use for traditional indoor applications.

**Hydraulic Magnetic** – Best for harsh environments where temperatures can range from -40°C to 85°C (-40°F to 185°F).

**Smart** – Features hydraulic magnetic technology and remote monitoring capabilities via the My Leviton app.

### LED Diagnostics

On receptacles, the Status Indicator light provides simple, intuitive feedback on power and protection status.

On circuit breakers, line-side powered LEDs remain lit even when tripped, for easy identification of the type of fault (AF/GF).

### AF/GF Circuit Breaker Diagnostics

Handle Window	“AF” LED	“GF” LED	Device Status
GREEN	OFF	OFF	ON
RED	OFF	OFF	Overload or short-circuit trip
RED	ON (solid)	OFF	Series arc-fault trip
RED	OFF	ON (solid)	Ground-fault trip
RED	ON (blinking) OFF	OFF ON (blinking)	1 sec. delay -Parallel arc-fault trip 3 sec. delay - Neutral Miswired
RED	ON (blinking)	ON (blinking)	1 sec. delay -Electronics self-test failure (breaker will be locked out and must be replaced)
WHITE	OFF	OFF	Manual OFF

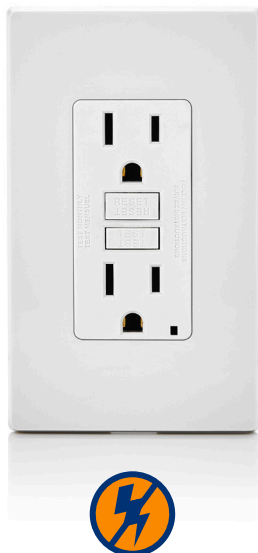
**Shown above, L to R:**  
 Receptacles GFTR1, AFTR1, AGTR1 and AFBL1  
 Circuit Breakers LB115-GF, LB115-DS



# SmartlockPro<sup>®</sup> GFCI Receptacles

Leviton is the world's leading manufacturer of residential and commercial GFCI receptacles. Our patented reset/lockout functionality prevents reset of the device if it is not wired or operating correctly, helping to protect against shock or electrocution.

- Self-testing and exceed UL requirements for auto-monitoring
- LED indicator light on device face provides intuitive feedback on power and protection status; indicates line/load reversal during installation
- Superior performance features such as enhanced immunity to electrical noise, resistance to surges and over-voltages, and more
- Available in Guide Light, Combination with Switch, Combination with Guide Light, Combination with USB, Audible Trip Alert, Blank Face, Hospital Grade and Weather-Resistant models



## GFCI Receptacles

Cat. No.	Amp Rating
GFTR1	15A-125V @ Receptacle 20A-125V Feed-Through
GFTR2	20A-125V @ Receptacle 20A-125V Feed-Through
GFNT1*	15A-125V @ Receptacle 20A-125V Feed-Through
GFNT2*	15A-125V @ Receptacle 20A-125V Feed-Through

\*Non Tamper-Resistant

## Combination GFCI with Switch

Cat. No.	Amp Rating
GFSW1	15A-125V @ Receptacle 20A-125V Feed-Through 15 Amp @ 120 VAC Switch rating

## GFCI Combination USB

Cat. No.	Amp Rating
GUSB1	15A-125V @ Receptacle 20A-125V Feed-Through 24W (4.8A) total charging power
GUSB2	20A-125V @ Receptacle 20A-125V Feed-Through 24W (4.8A) total charging power

## GFCI with Guidelight

Cat. No.	Amp Rating
GFNL1	15A-125V @ Receptacle 20A-125V Feed-Through
GFNL2	20A-125V @ Receptacle 20A-125V Feed-Through

## Weather-Resistant (WR) GFCI

Cat. No.	Amp Rating
GFWT1	15A-125V @ Receptacle 20A-125V Feed-Through
GFWT2	20A-125V @ Receptacle 20A-125V Feed-Through
GFWR1*	15A-125V @ Receptacle 20A-125V Feed-Through
GFWR2*	20A-125V @ Receptacle 20A-125V Feed-Through

\*Non Tamper-Resistant

## GFCI with Audible Trip Alert

Cat. No.	Amp Rating
GFTA1	15A-125V @ Receptacle 20A-125V Feed-Through
GFTA2	20A-125V @ Receptacle 20A-125V Feed-Through

## Blank Face GFCI

Cat. No.	Amp Rating
GFRBF	20A-125V Feed-Through







# GFCI Circuit Breakers

Leviton GFCI circuit breakers have set the new standard for home safety. They are the only GFCIs on the market today that exceed the UL standard for End of Life protection, locking out users if ground-fault protection<sup>1</sup> is lost.

- Line-side powered LED indicator lights allows users to easily identify the trip condition and type of fault and remain lit, even when a circuit breaker has tripped
- Color indicators in each rocker handle for operational status at-a-glance

## Smart GFCI Hydraulic Magnetic trip

Amp Rating	1-Pole	2-Pole
15	LB115-GS	LB215-GS
20	LB120-GS	LB220-GS
25	LB125-GS	LB225-GS
30	LB130-GS	LB230-GS
40	-	LB240-GS
50	-	LB250-GS
60	-	LB260-GS
Smart GFPE - 30 mA Ground - Fault Protection of Equipment		
15	LB115-ES	LB215-ES
20	LB120-ES	LB220-ES
25	LB125-ES	LB225-ES
30	LB130-ES	LB230-ES
40	-	LB240-ES
50	-	LB250-ES
60	-	LB260-ES

## GFCI Hydraulic Magnetic trip

Amp Rating	1-Pole	2-Pole
15	LB115-GF	LB215-GF
20	LB120-GF	LB220-GF
25	LB125-GF	LB225-GF
30	LB130-GF	LB230-G
40	-	LB240-GF
50	-	LB250-GF
60	-	LB260-GF
GFPE - 30 mA Ground - Fault Protection of Equipment		
15	LB115-EP	LB215-EP
20	LB120-EP	LB220-EP
25	LB125-EP	LB225-EP
30	LB130-EP	LB230-EP
40	-	LB240-EP
50	-	LB250-EP
60	-	LB260-EP

## Standard GFCI Thermal Magnetic trip

Amp Rating	1-Pole
15	LB115-GFT
20	LB120-GFT
25	LB125-GFT
30	LB130-GFT
GFPE - 30 mA Ground - Fault Protection of Equipment	
15	LB115-EPT
20	LB120-EPT
25	LB125-EPT
30	LB130-EPT

1. The UL943 standard exempts GFCI circuit breakers from detecting and warning when the trip solenoid and/or switching semiconductor fails in the "open" state, rendering the GFCI circuit breaker incapable of tripping in response to a fault condition, resulting in complete loss of GFCI protection.  
 2. Not applicable to Main breaker. All circuit breakers must be manually turned back ON.  
 3. My Leviton App available for download on Google Play/AppStore. Store Smart Circuit Breakers and Data Hub sold separately.







# SmartlockPro AFCI Receptacles

Leviton AFCIs help protect against electrical fires resulting from arc-faults. Our AFCI receptacles and circuit breakers feature our patented reset/lockout functionality and prevent reset of the device if it is not wired or operating correctly.

- LED indicator light on the device face provides intuitive feedback on power and protection status; indicates line/load reversal during installation
- Enhanced immunity to electrical noise reduces nuisance tripping
- AFCI receptacles with Bluetooth® connectivity are designed to receive future upgrades to help contractors diagnose and address field issues, providing better insight into AFCI performance



## AFCI Receptacles

Cat. No.	Amp Rating
<b>AFTR1</b>	15A-125V @ Receptacle 20A-125V Feed-Through
<b>AFTR2</b>	20A-125V @ Receptacle 20A-125V Feed-Through

## Blank Face AFCI

Cat. No.	Amp Rating
<b>AFRBF</b>	20A-125V @ Feed-Through

## Combination AFCI/Switch

Cat. No.	Amp Rating
<b>AFSW1</b>	15A-125V @ Receptacle 20A-125V Feed-Through

## AFCI with Bluetooth Connectivity

Cat. No.	Amp Rating
<b>AFBL1</b>	15A-125V @ Receptacle 20A-125V Feed-Through
<b>AFBL2</b>	20A-125V @ Receptacle 20A-125V Feed-Through







## AFCI Circuit Breakers

Leviton AFCI circuit breakers are designed to detect and respond to dangerous arcing events as a first line of defense to help prevent electrical fires that may result from arc-faults. For added protection, all AFCI circuit breakers feature our patented reset lockout action and will not reset if arc-fault protection is compromised.

- LED indicator light allows users to easily identify the trip condition and type of fault: parallel or series
- Line-side power ensures that the LED remains lit, even when a circuit breaker has tripped
- Smart circuit breakers can be tripped remotely<sup>1</sup> and communicate with the My Leviton app<sup>2</sup> to provide real-time operating status, including trip condition and type

### Smart AFCI Hydraulic Magnetic trip

Amp Rating	1-Pole
15	LB115-AS
20	LB120-AS

### AFCI Hydraulic Magnetic trip

Amp Rating	1-Pole	2-Pole
15	LB115-AF	LB215-AF
20	LB120-AF	LB220-AF

### AFCI Thermal Magnetic trip

Amp Rating	1-Pole
15	LB115-AFT
20	LB120-AFT

1. Not applicable to Main breaker. All circuit breakers must be manually turned back ON

2. My Leviton App available for download on Google Play/AppStore. Smart Circuit Breakers and Data Hub sold separately.





# SmartlockPro® Dual Function AFCI/GFCI

Leviton Dual Function AFCI/GFCI devices offer complete protection in one smart device. Our AFCI/GFCI receptacles and circuit breakers feature our patented reset/lockout functionality and prevent reset of the device if it is not wired or operating correctly.

## Dual Function AFCI/GFCI Receptacles

- LED indicator light on the device face provides intuitive feedback on power and protection status; indicates line/load reversal during installation
- Enhanced immunity to electrical noise reduces nuisance tripping
- May be used as a replacement for ungrounded receptacles, satisfying NEC® requirements for both AFCI and GFCI protection

Cat. No.	Amp Rating
<b>AGTR1</b>	15A-125V @ Receptacle 20A-125V Feed-Through
<b>AGTR2</b>	20A-125V @ Receptacle 20A-125V Feed-Through

Available in: White, Ivory, Light Almond, and select models in Gray, Black, Brown.

## Dual Function AFCI/GFCI Circuit Breakers

- Line-side powered LED indicator lights allows users to easily identify the trip condition and type of fault and remain lit, even when a circuit breaker has tripped
- Smart circuit breakers can be tripped remotely<sup>1</sup> and communicate with the My Leviton app<sup>2</sup> to provide real-time operating status, including trip condition and type

### Smart AFCI/GFCI Hydraulic Magnetic trip

Amp Rating	1-Pole
15	LB115-DS
20	LB120-DS

### AFCI/GFCI Hydraulic Magnetic trip

Amp Rating	1-Pole
15	LB115-DF
20	LB120-DF

### Standard AFCI/GFCI Thermal Magnetic trip

Amp Rating	1-Pole
15	LB115-DFT
20	LB120-DFT

1. Not applicable to Main breaker. All circuit breakers must be manually turned back ON

2. My Leviton App available for download on Google Play/Apple. Smart Circuit Breakers and Data Hub sold separately.



Decora Digital

Download for use with AFCI receptacles with Bluetooth Connectivity, AFBL1 and AFBL2.



My Leviton

An industry first, the My Leviton app consolidates control of the Leviton Load Center's smart circuit breakers and the Decora Smart® Wi-Fi® product lines, enabling users to seamlessly control load center activities and home lighting from anywhere in the world using their smartphone or tablet.



Available for download at



#### Leviton Manufacturing Co., Inc.

201 North Service Road, Melville, NY 11747-3138

Telephone: 1-800-323-8920 • Tech Line: 1-800-824-3005

Mon-Fri 8am-10pm EST, Saturday 9am-7pm EST, Sunday 9am – 5pm EST

#### Leviton Manufacturing of Canada ULC

165 Hymus Boulevard, Pointe Claire, Quebec H9R 1E9

Telephone: 1-800-469-7890

For 24/7 product support visit [www.leviton.com/support](http://www.leviton.com/support)

Visit our Website at: [www.leviton.com](http://www.leviton.com)

© 2021 Leviton Manufacturing Co., Inc. All rights reserved.

All trademarks are the property of their respective owners.



TS-081221-dp