

# Leviton Load Center Smart Circuit Breakers



## APPLICATION

Leviton Smart circuit breakers allow users to enjoy remote energy management options such as real time monitoring, remote tripping, system updates and alerts sent directly to their smartphone, tablet or desktop via the My Leviton app. Remote access also helps contractors securely troubleshoot issues.

With the fastest installation on the market today, only Leviton circuit breakers feature an all plug on design, so you can wire the entire panel at rough-in, without a single circuit breaker present. Intuitive diagnostics such as LEDs on electronic circuit breakers which indicate fault type and color indicators in each rocker handle display operational status at-a-glance.

## FEATURES AND BENEFITS

- **Precision:** Offers more precise trips based on current, even in extreme temperatures: -40°C to 70°C, without re-rating
- **Simple:** Features an all plug-on design - no wiring to circuit breakers less than 70A
- **Intuitive:** Color indicators in the handle indicate operational status at-a-glance

### Single App Control with

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 manage load center activities and home lighting from anywhere in the world using their smartphone or tablet.

Available for download at



# PRODUCT SPECIFICATIONS

## PRODUCT FEATURES

Dimensions:

Single Pole 3.9" H x 1.0" W x 3.1" D

Double Pole 3.9" H x 2.0" W x 3.1" D

Warranty: 10-Year Limited, 2-Year for electronic components

Weight: Single Pole 0.42 lbs.

Double Pole 0.85 lbs.

Wiring: All Plug-on

## Electrical Specifications

Amperage: Refer to catalog number tables

Breaker Technology: Hydraulic Magnetic

Short Circuit Current Rating: 10 KA, Series Rated 22KA with Leviton Main Breaker; see Series Ratings Tables for additional Ratings

Type: Available in Standard, AFCI, GFCI, AFCI/GFCI, GFPE

Operating Temperature: -40°C to 70°C

## Standards & Certifications

CSA-C22.2 No. 5-02

EMC Compatible

FCC

RoHS

UL 489, HACR rated

UL 943 (GFCI), where applicable

UL 1699 (AFCI), where applicable

## ORDERING INFORMATION

### Smart Standard



Amp Rating	1-Pole	2-Pole
15	LB115-S	LB215-S
20	LB120-S	LB220-S
25	LB125-S	LB225-S
30	LB130-S	LB230-S
35	-	LB235-S
40	-	LB240-S
45	-	LB245-S
50	-	LB250-S
60	-	LB260-S
70 - 125	-	LSBMA

### Smart GFCI - 5 mA Ground-Fault Protection of Personnel



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 AFCI



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

### Smart GFPE - 30 mA Ground-Fault Protection of Equipment



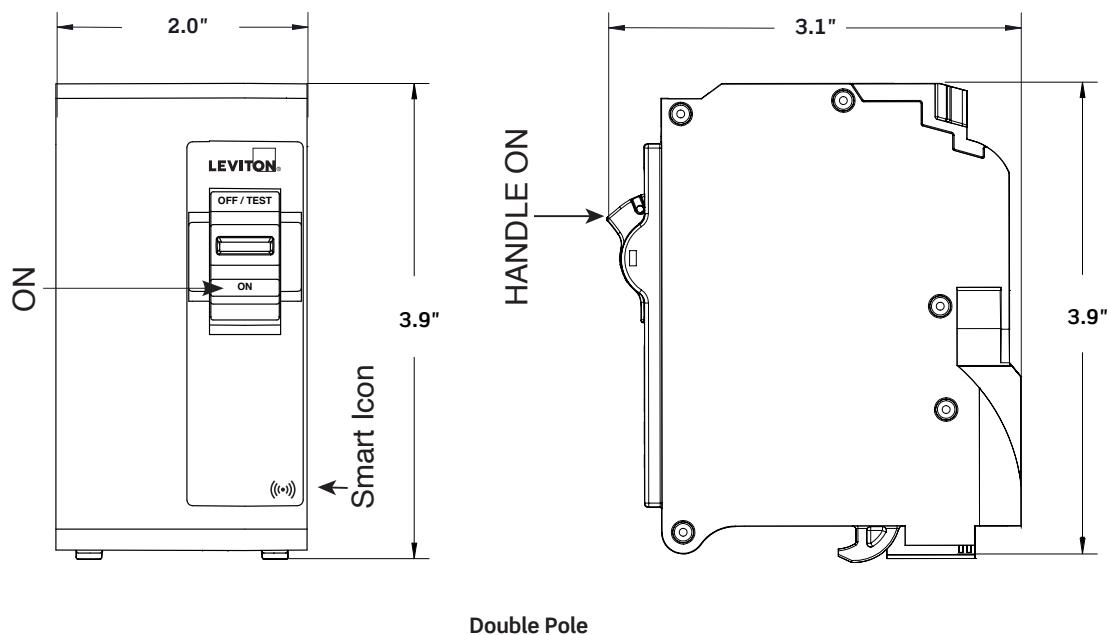
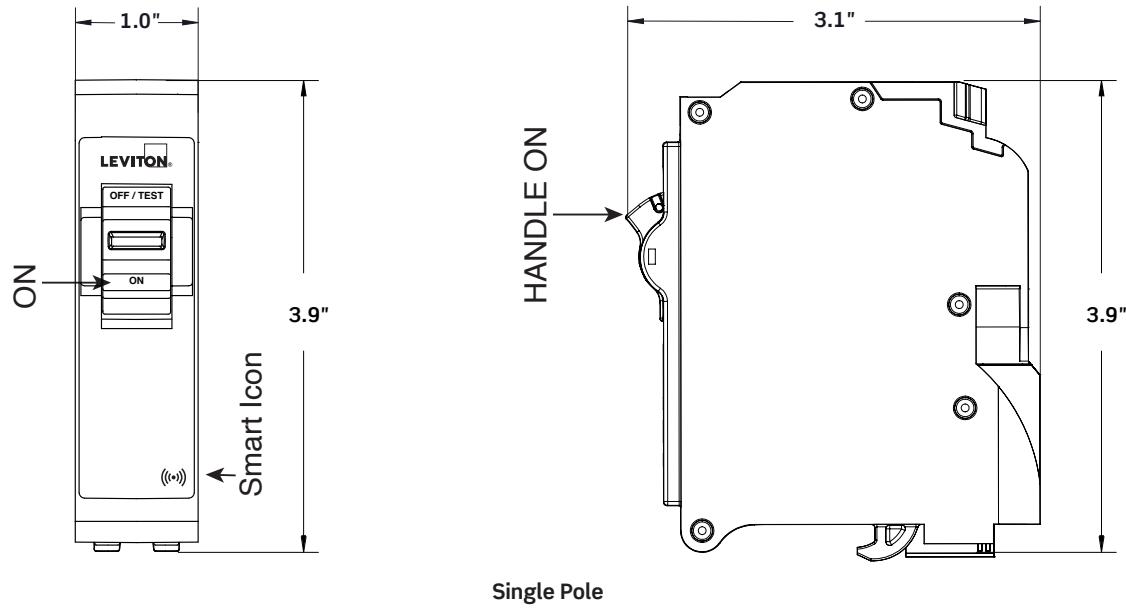
Amp Rating	1-Pole	2-Pole
15	LB115-ES	LB215-ES
20	LB120-ES	LB220-ES
25	LB125-ES	LB225-ES
30	LB130-ES	LB230-ES
40	-	LB240-ES
50	-	LB250-ES
60	-	LB260-ES

### Smart AFCI/GFCI - Dual Function



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

## DIMENSIONAL DRAWINGS



## HANDLE OPERATION AND LED 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 or Parallel arc-fault to Ground
RED	ON (blinking)	OFF	0.5 sec. delay -Parallel arc-fault trip
RED	OFF	ON (blinking)	3 sec. delay - Neutral Miswired
RED	ON (blinking)	ON (blinking)	0.1 sec. delay -Electronics self-test failure (breaker will be locked out and must be replaced)
WHITE	OFF	OFF	Manual OFF



**Leviton Manufacturing Co., Inc.**

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

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

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

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