

# Leviton Load Center Hydraulic Magnetic Branch Circuit Breakers



## APPLICATION

Ideal for harsh climates, Hydraulic Magnetic circuit breakers offer more precise trips based on current, even in extreme temperatures: from -40°C to 85°C, without re-rating.

The most advanced circuit breakers on the market are now the fastest to install. 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 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 85°C, without re-rating
- **Simple:** Features an all plug-on installation - no wiring to circuit breakers less than 70A
- **Intuitive:** Line-side powered LEDs stay lit, even after a circuit breaker has tripped, and identify cause of trip. Color indicators in each rocker handle designate operational status at-a-glance (ON/OFF/Tripped)

# 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

Operating Temperature: -40°C to 85°C (-40°F to 185°F)

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

Weight: Single Pole 0.42 lbs.

Double Pole 0.85 lbs.

Wiring: All Plug-on up to 60A

## 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

## 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

### Standard



Amp Rating	1-Pole	2-Pole
15	LB115	LB215
20	LB120	LB220
25	LB125	LB225
30	LB130	LB230
35	-	LB235
40	-	LB240
45	-	LB245
50	-	LB250
60	-	LB260
70	-	LB270
80	-	LB280
90	-	LB290
100	-	LB200
110	-	LB211
125	-	LB212

### GFCI - 5 mA Ground-Fault

Protection of Personnel



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



Amp Rating	1-Pole	2-Pole
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

### AFCI



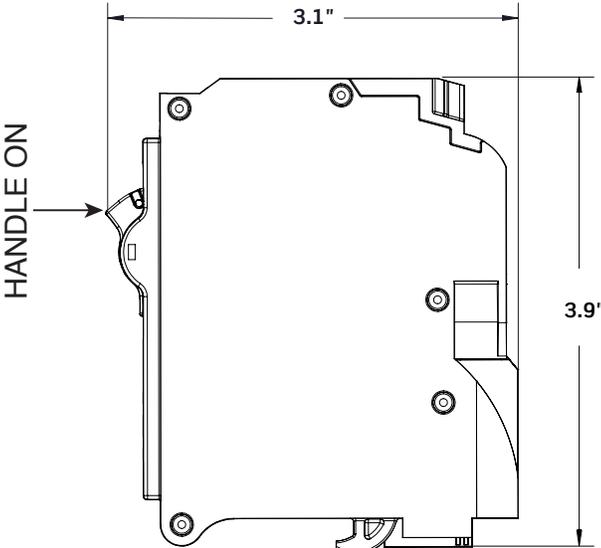
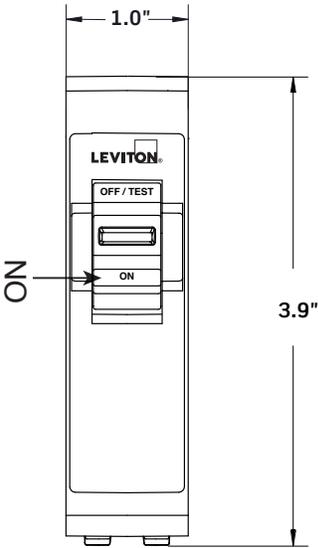
Amp Rating	1-Pole	2-Pole
15	LB115-AF	LB215-AF
20	LB120-AF	LB220-AF

### AFCI/GFCI - Dual Function

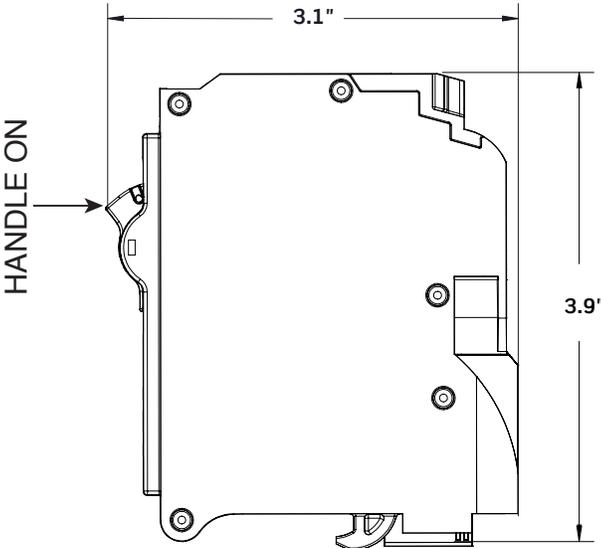
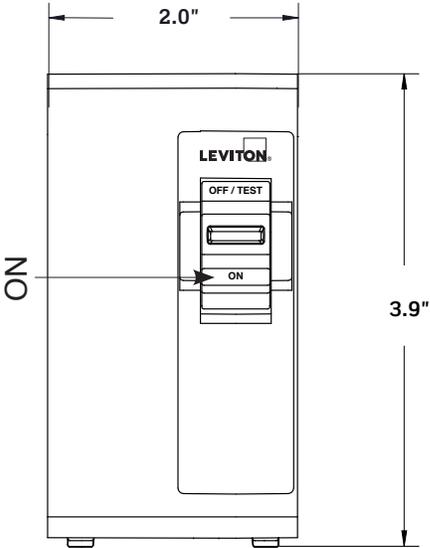


Amp Rating	1-Pole
15	LB115-DF
20	LB120-DF

DIMENSIONAL DRAWINGS



Single Pole



Double Pole

## HANDLE OPERATION AND LED DIAGNOSTICS

Handle Window	"AF" LED	"GF" LED	Device Status
<b>GREEN</b>	OFF	OFF	ON
<b>RED</b>	OFF	OFF	Overload or short-circuit trip
<b>RED</b>	ON (solid)	OFF	Series arc-fault trip
<b>RED</b>	OFF	ON (solid)	Ground-fault trip or Parallel arc-fault to Ground
<b>RED</b>	ON (blinking)	OFF	0.5 sec. delay -Parallel arc-fault trip
<b>RED</b>	OFF	ON (blinking)	3 sec. delay - Neutral Miswired
<b>RED</b>	ON (blinking)	ON (blinking)	0.1 sec. delay -Electronics self-test failure (breaker will be locked out and must be replaced)
<b>WHITE</b>	OFF	OFF	Manual OFF



**Leviton Manufacturing Co., Inc.**

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

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