

# 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.

All Smart circuit breakers feature Hydraulic Magnetic technology for more precise trips based on current, even in extreme temperatures: from -40°C to 85°C, without re-rating.

# 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 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



Google play

# **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

#### **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

2

#### **ORDERING INFORMATION**

OFF ON

	Smart Standard		
	Amp Rating	1-Pole	2-Pole
]	15	LB115-S	LB215-S
	20	LB120-S	LB220-S
15	25	LB125-S	LB225-S
((-1))	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

ALOYO BU COM-	Amp Rating	1-Pole	2-Pole
ST	15	LB115-GS	LB215-GS
	20	LB120-GS	LB220-GS
15	25	LB125-GS	LB225-GS
3F ((++))	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 AFCI/GFCI - Dual Function

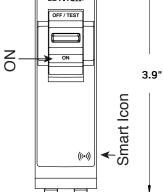
Amp Rating	1-Pole
15	LB115-DS
20	LB120-DS

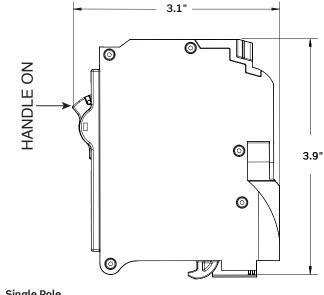
# Smart GFPE - 30 mA Ground-Fault Protection of Equipment

	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

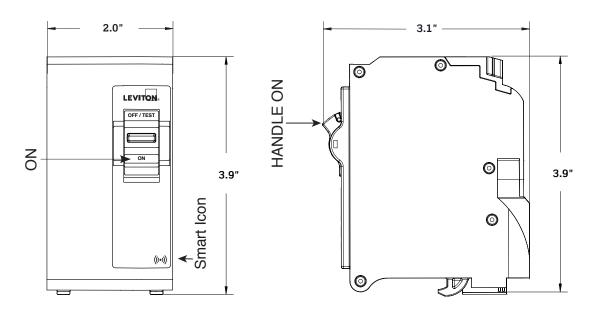


-1.0"----





Single Pole



Double Pole

#### 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.** 201 North Service Road, Melville, NY 11747-3138 Telephone: 1-800-323-8920 • FAX: 1-800-832-9538 Tech Line: 1-800-824-3005 Mon-Fri 8am-10pm EST, Saturday 9am-7pm EST

Visit our Website at: www.leviton.com/loadcenter

© 2020 Leviton Manufacturing Co., Inc. All rights reserved.