LEVITON



INTRODUCING

TrueArc™
AFCI Breaker Technology

The Next Evolution of AFCI Protection

Leviton's latest AFCI and Dual Function breakers feature TrueArc™ technology, engineered to better distinguish between:

- **Normal appliance operation**
- **Complex electronic loads**
- **True arc-fault hazards**

Using advanced machine-learning-based classification, TrueArc continuously evaluates electrical patterns and makes more informed trip decisions, helping reduce nuisance tripping while maintaining protection against dangerous arc faults.

Modern Homes Create New Challenges

Today's homes contain more electronics, connected devices, LED lighting, more efficient appliances, EV chargers, and switching power supplies than ever before. These technologies create increasingly complex electrical signatures that can sometimes resemble fault conditions. As a result, contractors and homeowners can experience unwanted AFCI trips that are difficult to diagnose.

TrueArc Benefits for Contractors

Reduced Nuisance Tripping
Designed to better differentiate normal appliance behavior from genuine fault conditions.

Built for Modern Loads
Designed to perform with today's electronic devices, smart home technologies, LED lighting, appliances, and evolving residential electrical systems.

NEC® and UL Compliant
Provides protection that meets UL 1699 AFCI requirements and supports NEC AFCI compliance requirements.

Future-Ready Platform
Intelligent technology developed using real-world field data and evolving residential load profiles.

Fewer Callbacks
Reduce troubleshooting visits and improve homeowner satisfaction.

Ordering Information

AFCI Branch Circuit Breakers

Amp Rating	1-Pole 120V
15A	LB115-AFT
20A	LB120-AFT

Dual Function AFCI/GFCI Breakers

Amp Rating	1-Pole 120V
15A	LB115-DFT
20A	LB120-DFT

Smart AFCI Breakers

Amp Rating	1-Pole 120V
15A	LB115-AST
20A	LB120-AST

Smart Dual Function AFCI/GFCI Breakers

Amp Rating	1-Pole 120V
15A	LB115-DST
20A	LB120-DST

Built on Safety. Engineered for What's Next.

- Reacts intelligently to real-world electrical behavior
- Distinguishes appliance operation from fault conditions
- Designed to reduce nuisance tripping
- Maintains AFCI protection performance and code compliance
- Resolves 95% of reported nuisance tripping compared to previous-generation Leviton AFCI technology*



** Based on reported nuisance tripping incidents observed across products installed in the United States and Canada, Leviton's new AFCI Technology demonstrates a 95% reduction in reported nuisance tripping compared to previous-generation Leviton AFCI Technology.*

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Visit our Website at: leviton.com/loadcenter

SCAN TO EXPLORE ALL PRODUCT DETAILS & VIDEOS

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