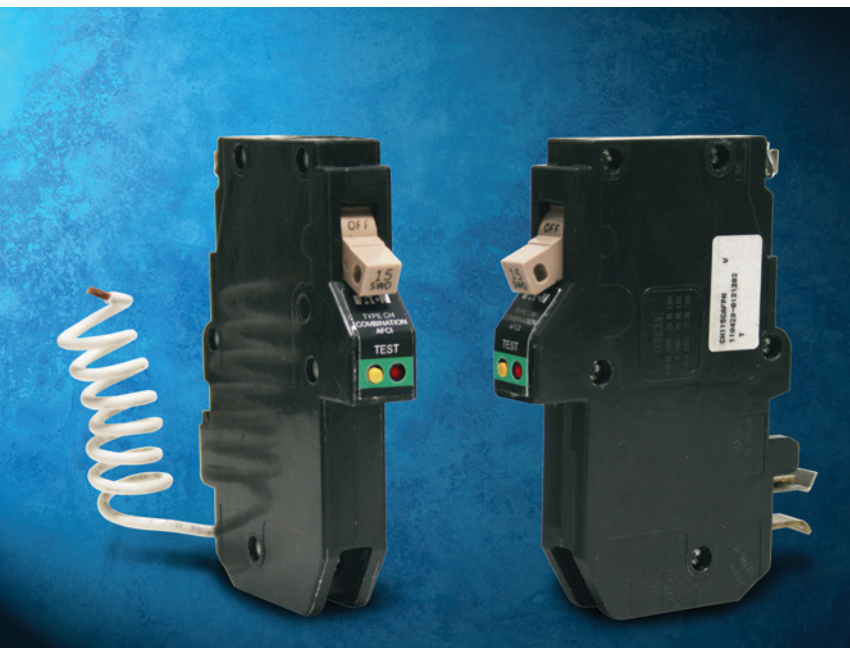


Type CH Arc Fault Circuit Breakers and Loadcenters



Next Generation AFCI Circuit Breakers

With the electrical contractor and homeowner in mind, Eaton has revolutionized the technology and design of the Type CH Combination AFCIs.

Eaton's next generation Type CH AFCI products feature superior protection and circuit diagnostics, along with exclusive features which reduce installation time and unwanted tripping.

Standard Features and Benefits:

- Enhanced electronics to reduce unwanted tripping from non-compliant devices
- Standard LED indicates one of seven trip codes to simplify circuit diagnostics
- Trip codes are stored permanently into the breaker's memory, to help identify "trip" history
- Meets areas requiring AFCI protection under the 2008 and 2011 NEC®
- Exclusive "Trip to OFF" and simple 1-Step breaker reset
- Branch overvoltage protection for sensitive electronics
- Limited lifetime warranty

Optional Plug-on Neutral Features and Benefits:

- Time savings up to 25% per AFCI and GFCI installation
- Eliminates unwanted tripping due to loose pigtail connections
- Improved wireway access
- Easier troubleshooting due to less wiring

Table 1. Type CH CAFCI Selection Chart

Catalog Number	Amps	Poles	kAIC
Standard - Pigtail			
CHCAF115	15	1	10
CHCAF120	20	1	10
Plug-on Neutral			
CHCAF115PN	15	1	10
CHCAF120PN	20	1	10

Next Generation Trip Codes

- **Thermal trip/manual disconnect** - The breaker has detected an overload, short circuit or was manually turned off
- **Series arc** - A low current arc has been detected within one of the current pathways
- **Parallel arc** - A high current arc has been detected between two conductors
- **Short delay** - An electronic backup to the short-circuit mechanism
- **Overvoltage** - Voltage of 160V rms or greater
- **Ground fault** - Current has found an alternate path to ground
- **Self test failure** - The breaker continually tests the internal electronics and software to ensure that the arc fault detection technology is working properly



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Type CH Loadcenter Features and Benefits

Extra 1.5-inch (38.1 mm) Knockout for Bundling

- Enables quick and easy installation

Drywall Marking on Enclosure

- Indicates proper mounting depth for flush applications

Commercial Grade Main Breaker

- 35kAIC series rated main breaker. Industry Best!

Next Generation AFCI

- Standard and integrated LED, indicates one of seven trip codes for circuit diagnostics
- Plug-on Neutral option for improved wireway access

Silver Flash Plated Copper Bus

- Provides superior conductivity and resistance to corrosion

Exclusive Stab Design

- Unique design provides a tight connection to the bus

Unique Sandalwood Finish

- Esthetically appealing, scratch-resistant powder coating. Industry Exclusive!

Top or Bottom Feed

- Straight-in wiring saves labor and material
- Only one panel for either application - no modifications necessary

Inboard Neutral

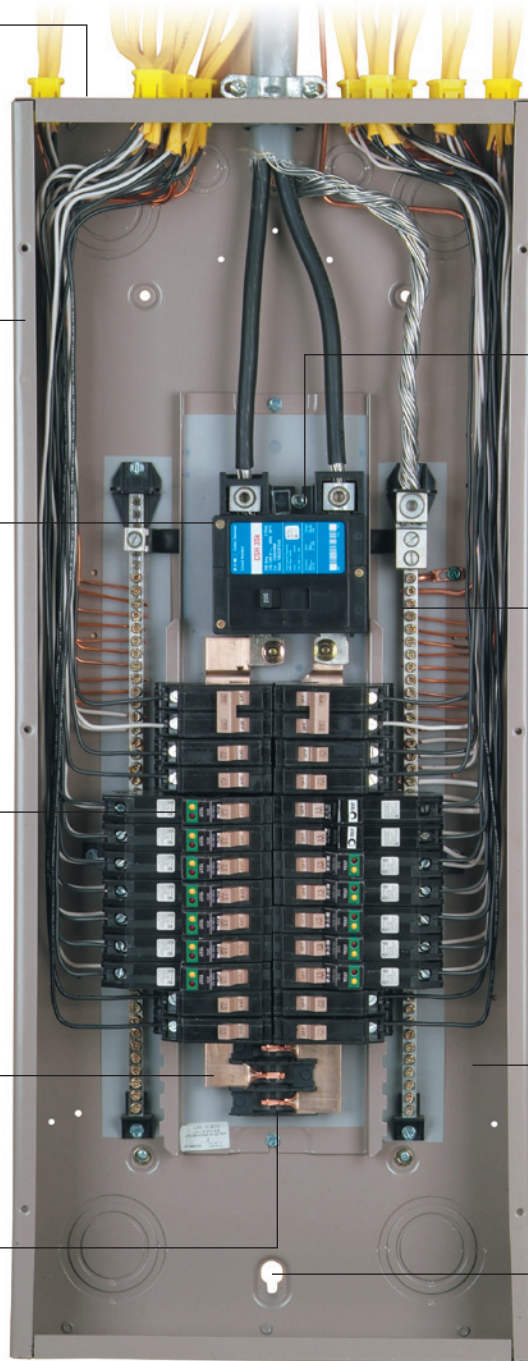
- Provides direct neutral connection for breaker.
- Ample additional 2/0 lugs provided - no kits necessary

Steel Backpan

- Superior breaker mounting
- One-piece design provides superior durability

Single Keyhole Mounting

- One keyhole at the top and bottom provides easier mounting and leveling



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Warranty, Service and Ordering Information

- Limited lifetime warranty on all Type CH loadcenters and circuit breakers (Including electronic breakers)
- Expert technical support available 24 hours a day
- Contact your local Eaton representative today for more information on Eaton's Combination Arc Fault Circuit Interrupters, or visit us @ www.eaton.com

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