

Frequently Asked Questions

Type CH and BR Combination Arc Fault Circuit Interrupters (CAFCI)

Q: What new features are standard for Type CH and BR?

A: Both Type CH and BR breakers offer superior protection and reliability. Type CH breakers have a standard cause of trip LED, this feature is optional for Type BR AFCIs.

Q: What cause of trip codes are available?

A: There are seven trip codes available:

- Thermal trip/manual disconnect
- Series arc
- Parallel arc
- Short delay
- Overvoltage
- Ground fault
- Self test failure

Q: Does the competition offer cause of trip information for their AFCI breakers?

A: In today's market, only one other competitor offers any type of diagnostic LED on the breaker itself. However, the LED indicator on the competitor's breaker only identifies a Arc Fault or Ground Fault.

Q: What other protection does the CAFCI provide?

A: In addition to high current "parallel" and low current "series" arc detection, Eaton's CAFCI offers overvoltage protection of 160Vrms.

Q: Can the CAFCI be used with an older 2 wire system without a ground (BX, knob and tube, etc)?

A: Yes.

Q: Can I backfeed the two-pole AFCI breaker?

A: No, backfeeding an electronic breaker can damage the electronics and disable the arc detection functionality.

Q: Is the next generation Type CH AFCI available in a Plug-on Neutral configuration?

A: Yes.

Q: Can I use a pigtail CAFCI in a Plug-on neutral panel?

A: Yes, but you will not have access to the screws on the neutral bar directly under the breaker.

Q: Can I cut the pigtail? Does it affect the performance of the AFCI?

A: The length of the pigtail has no effect on performance. You can cut it as short as you like or splice onto it to make it longer. The key is to have a good electrical connection at the neutral bar.

Q: Do the next generation AFCI breakers make installation easier?

A: Yes. The Type CH offers a Plug-on Neutral design which improves wireway access and provides time savings up to 25% per AFCI/GFCI installation. The Type BR is standard upon a compact footprint also improving wireway access.

Q: Can I use an AFCI in the same circuit with a ground fault receptacle?

A: Yes. There are no compatibility issues with AFCI and GFI receptacles.

Q: Do the breakers have series ratings?

A: The breakers have the same series ratings as Eaton's legacy AFCI breakers. A complete list of ratings is available upon request.

Q: What is the warranty?

A: Type CH breakers have a limited lifetime warranty. Type BR breakers a 10 year warranty."

Q: Is there a transition plan for the Next Generation Type BR and CH AFCI?

A: Yes. Please refer to the transition plan document in the launch package.

Q: Where do I call for technical or application support?

A: Eaton's Technical Resource Center can be reached at: **1-877-ETN-CARE** (1-877-386-2273), Option 2, Option 1.



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