

Type BR Arc Fault Circuit Breakers



Next Generation AFCI Circuit Breakers

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

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

Features and Benefits:

- A compact design allows for improved wireway access
- Enhanced electronics to reduce unwanted tripping from non-compliant devices
- Optional LED indicates one of six trip codes to simplify circuit diagnostics
- Trip codes are stored permanently into the breaker's memory, to help identify "trip" history
- Optional 22kAIC breaker available for applications requiring high interruption ratings
- Meets areas requiring AFCI protection under the CEC
- Branch overvoltage protection for sensitive electronics
- 10 year warranty

Table 1. Type BR AFCI Selection Chart

Catalogue Number	Amps	Poles	kAIC
Standard - Pigtail			
BRAF115	15	1	10
BRAF120	20	1	10
Diagnostic - LED			
BRACAF115	15	1	10
BRACAF120	20	1	10
High - Interrupting - 22 kAIC			
BRHAF115	15	1	22
BRHAF120	20	1	22

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
- **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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- 10 year warranty on all Type BR loadcentres 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 Arc Fault Circuit Interrupters, or visit us @ www.eatoncanada.ca