

Type BR 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 BR Combination 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 2008 and 2011 NEC®
- Branch overvoltage protection for sensitive electronics
- 10 year warranty

Table 1. Type BR CAFCI Selection Chart

Catalog Number	Amps	Poles	kAIC
Standard - Pigtail			
BRCAF115	15	1	10
BRCAF120	20	1	10
Diagnostic - LED			
BRACAF115	15	1	10
BRACAF120	20	1	10
High - Interrupting - 22 kAIC			
BRHCAF115	15	1	22
BRHCAF120	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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Type BR Loadcenter Features and Benefits

Extra 1.5-inch (38.1 mm) Knockout for Bundling

- Enables quick and easy installation

Commercial Grade Main Breaker

- 25kAIC series rated main breaker for superior protection

Twin Neutrals

- For flexibility and load balancing

Next Generation AFCI

- Optional LED indicates one of six trip codes for circuit diagnostics
- A compact design allows for improved wireway access

Standard Tin Plated Aluminum Bus

- For excellent conductivity and corrosion resistance
- Copper Bus options available

Top or Bottom Feed

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

Drywall Marking on Enclosure

- Indicates proper mounting depth for flush applications

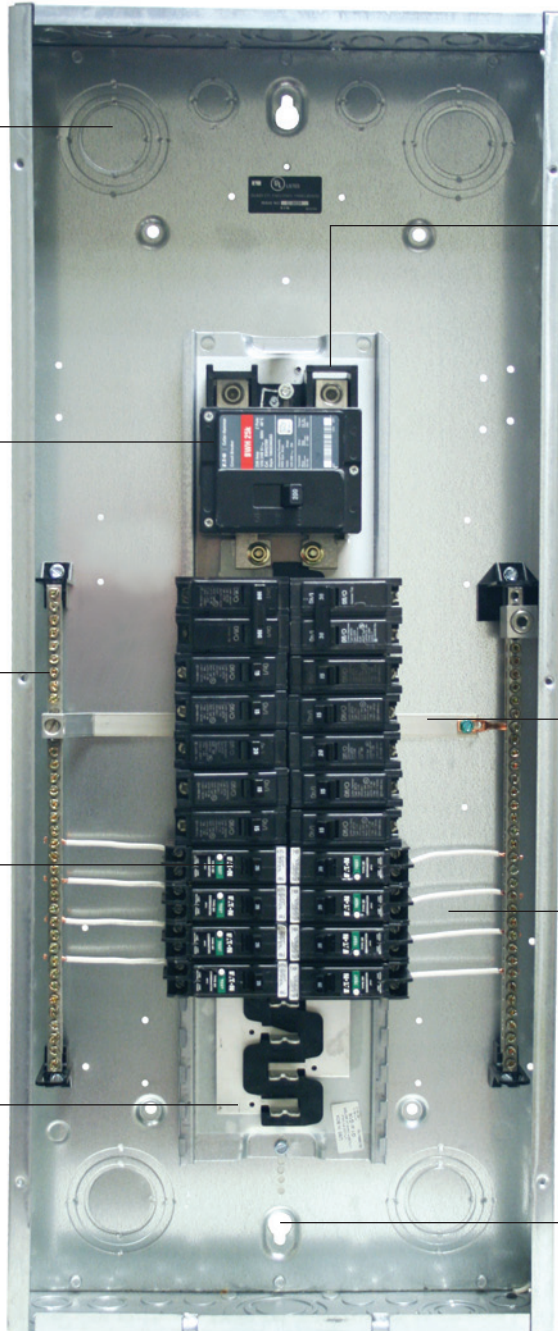
Factory Installed Neutral Bonding Strap

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

- 10 year warranty on all Type BR 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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