

**QB (bolt-on) dual function arc fault/  
ground fault circuit interrupter**



# Thinking small can achieve big results

**Convenience and efficiency  
you can measure**

Eaton's innovative bolt-on (QB) arc fault / ground fault (AF/GF) circuit breakers can save you both time and money for those light commercial projects. Eaton is continuously improving its circuit protection technology, efficiency and convenience features to help keep your installation up and running. Whether it's a hotel, an apartment high-rise or a dormitory, the QB AF/GF enhancements are designed to address those challenging installation and troubleshooting efficiencies that can get you on and off the job more quickly.

The short-body AF/GF circuit breaker is designed with a smaller footprint and is now the measuring stick for performance in the light commercial industry. Our code-compliant AFCI and GFCI circuit breaker portfolio makes it easy for you to meet today's latest NEC® requirements, no matter where you are.



**EATON**

*Powering Business Worldwide*

# The short breaker that meets tall expectations

## Features and benefits

- Bolt-on configuration offers easy and secure installation in light commercial applications
- Added and improved diagnostic trip codes designed for complex occurrences and overloads provide you ease of troubleshooting during maintenance
- Easy-to-read trip codes through improved LEDs and a clear TEST button increases your troubleshooting efficiency
- Ability to reset the breaker in the field and eliminate trip history provides you flexibility and accurate indication of most recent trip during troubleshooting
- Lower power consumption allows the circuit breaker to produce less heat in high ambient areas, giving customers in those areas peace of mind and helping to reduce unwanted callbacks

## Key differentiators

- Short-body configuration creates easy installation by maximizing space inside the loadcenter
- Enhanced efficiency and algorithms provide you convenience by reducing unwanted callbacks

## Why Eaton?

As today's demand for cost-effective and on-time projects become a higher priority in residential and light commercial applications, Eaton's QB AF/GF circuit breaker can provide you ease of installation and innovative features to make ongoing maintenance convenient for you and your customers.



## Product selection

### Type QB (1-inch) QBAFGF

Amperes	Number of poles	kAIC	Catalog number
<b>Standard—Pigtail</b>			
15	1	10	<b>QB1015AFGF</b>
20	1	10	<b>QB1020AFGF</b>
15	1	22	<b>QBH1015AFGF</b>
20	1	22	<b>QBH1020AFGF</b>

## Specifications

### Type QB (1-inch) QBAFGF

Description	Specification
Catalog number	<b>QB1015AFGF, QB1020AFGF, QBH1015AFGF, QBH1020AFGF</b>
Voltage requirement	$102 \leq V_{RMS} \leq 132$
Frequency requirement	60 Hz $\pm$ 2 Hz
Power consumption	0.6 W
Surge	In accordance with IEC 61000-4-5
Ambient operating temperature	-31 °F to +150 °F (-35 °C to +66 °C)
Humidity	0% to 95%, noncondensing
Warranty	10-year <b>1</b>
UL® standards	UL 489—molded-case circuit breakers, molded-case switches and circuit breaker enclosures UL 943—ground fault circuit interrupters UL 1699—arc fault circuit interrupters UL 1998—software in programmable components
UL file number	E-45310

**1** Reference WA00302001Y for warranty details.

For more information, visit

**Eaton.com/afgf** or call

**1-877-ETN-CARE (877-386-2273)**

To find a local sales office or a distributor, visit

**Eaton.com/howtobuy**

**Eaton**  
1000 Eaton Boulevard  
Cleveland, OH 44122  
United States  
Eaton.com

© 2017 Eaton  
All Rights Reserved  
Printed in USA  
Publication No. PA003014EN / Z20012  
October 2017

**EATON**  
Powering Business Worldwide

Eaton is a registered trademark.

All other trademarks are property of their respective owners.

Follow us on social media to get the latest product and support information.

