

Specifications



Photo is representative



Eaton EGB1080FFG

Eaton Series G molded case circuit breaker, EG-frame, EG, Complete breaker, Fixed thermal, fixed magnetic trip type, Single-pole, 80A, 600Y/347 Vac, 25 kAIC at 240 Vac, 18 kAIC at 480 Vac, Line and load, 50/60 Hz

General specifications

PRODUCT NAME	Eaton Series G complete molded case circuit breaker
CATALOG NUMBER	EGB1080FFG
UPC	782114984680
PRODUCT LENGTH/DEPTH	2.99 in
PRODUCT HEIGHT	5.5 in
PRODUCT WIDTH	1 in
PRODUCT WEIGHT	1.1 lb
WARRANTY	Eaton Selling Policy 25-000, one (1) year from the date of installation of the Product or eighteen (18) months from the date of shipment of the Product, whichever occurs first.
COMPLIANCES	CE Marked
CERTIFICATIONS	IEC Rated UL Listed CSA Certified



Powering Business Worldwide

Product specifications

TYPE	Complete breaker
AMPERAGE RATING	80 A
VOLTAGE RATING	600Y/347 Vac
TRIP TYPE	T186
CIRCUIT BREAKER TYPE	EG
CIRCUIT BREAKER FRAME TYPE	Complete breaker
SERIES	Series G
TERMINALS	Line and load
FRAME	EG
FREQUENCY RATING	50/60 Hz
INTERRUPT RATING	25 kAIC at 240 Vac 18 kAIC at 480 Vac
NUMBER OF POLES	Single-pole

Resources

APPLICATION NOTES

[Application of Multi-Wire Terminals for Molded Case Circuit Breakers](#)

[Application of Tap Rules to Molded Case Breaker Terminals](#)

[StrandAble terminals product aid](#)

[Current limiting molded case circuit breaker module product aid](#)

[Series G MCCB quick selector](#)

[Plug-in adapters for molded case circuit breakers product aid](#)

[Motor protection circuit breakers product aid](#)

[Comprehensive circuit protection for control panel applications](#)

BROCHURES

[High performance operating handles for Series G circuit breakers product aid](#)

[Molded case circuit breakers providing higher levels of selective coordination product aid](#)

[Power metering and monitoring with Modbus RTU product aid](#)

[Circuit breaker motor operators product aid](#)

[Current limiting molded case circuit breaker module for series G, JG and CL](#)

[Multi-wire lugs product aid](#)

[Breaker service centers](#)

CATALOGS

[Circuit Protection, Molded Case Circuit Breakers, Volume 4, Tab 2](#)

SPECIFICATIONS AND DATASHEETS

[Eaton Specification Sheet - EGB1080FFG](#)

[MOEM MCCB product selection guide](#)

[NG and ND-Frame molded case circuit breakers](#)

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



Eaton Corporation plc

Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

© 2025 Eaton. All Rights
Reserved.

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.

