

Specifications



Photo is representative



Eaton JGS305033G

Eaton Series G electronic molded case circuit breaker, JG-frame, JG, Digitrip 310 RMS, Electronic LS trip, Three-pole, 50A, 600 Vac, 250 Vdc, 85 kAIC at 240 Vac, 35 kAIC at 480 Vac, 18 kAIC at 600 Vac, Line and load, 50/60 Hz

General specifications

PRODUCT NAME	Eaton Series G electronic molded case circuit breaker
CATALOG NUMBER	JGS305033G
UPC	782116017959
PRODUCT LENGTH/DEPTH	3.44 in
PRODUCT HEIGHT	7 in
PRODUCT WIDTH	4.13 in
PRODUCT WEIGHT	6.5 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 CSA Certified UL Listed

Product specifications

TYPE	Complete breaker
AMPERAGE RATING	50 A
VOLTAGE RATING	600 Vac, 250 Vdc
TRIP TYPE	T167
CIRCUIT BREAKER TYPE	JG
CIRCUIT BREAKER FRAME TYPE	Complete breaker
SERIES	Series G
TERMINALS	Line and load
FRAME	JG
FREQUENCY RATING	50/60 Hz
INTERRUPT RATING	85 kAIC at 240 Vac 18 kAIC at 600 Vac 35 kAIC at 480 Vac
NUMBER OF POLES	Three-pole

Resources

APPLICATION NOTES

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

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

[StrandAble terminals product aid](#)

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

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

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

[Circuit breaker motor operators product aid](#)

[Series G MCCB quick selector](#)

BROCHURES

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

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

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

[Motor protection circuit breakers product aid](#)

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

[Multi-wire lugs product aid](#)

[Breaker service centers](#)

CATALOGS

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

SPECIFICATIONS AND DATASHEETS

[MOEM MCCB product selection guide](#)

[Eaton Specification Sheet - JGS305033G](#)

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

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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