

# Specifications



Photo is representative



## Eaton JGS305036G

Eaton Series G electronic molded case circuit breaker, JG-frame, JG, Digitrip 310 RMS, Electronic LSIG 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	JGS305036G
UPC	782116999460
PRODUCT LENGTH/DEPTH	3.44 in
PRODUCT HEIGHT	7 in
PRODUCT WIDTH	4.13 in
PRODUCT WEIGHT	12 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	UL Listed IEC Rated CSA Certified

## Product specifications

<b>TYPE</b>	Complete breaker
<b>AMPERAGE RATING</b>	50 A
<b>VOLTAGE RATING</b>	600 Vac, 250 Vdc
<b>TRIP TYPE</b>	T172
<b>CIRCUIT BREAKER TYPE</b>	JG
<b>CIRCUIT BREAKER FRAME TYPE</b>	Complete breaker
<b>SERIES</b>	Series G
<b>TERMINALS</b>	Line and load
<b>FRAME</b>	JG
<b>FREQUENCY RATING</b>	50/60 Hz
<b>INTERRUPT RATING</b>	35 kAIC at 480 Vac 18 kAIC at 600 Vac 85 kAIC at 240 Vac
<b>NUMBER OF POLES</b>	Three-pole

## Resources

### APPLICATION NOTES

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

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

[Multi-wire lugs product aid](#)

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

[Motor protection circuit breakers product aid](#)

[StrandAble terminals product aid](#)

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

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

### BROCHURES

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

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

[Series G MCCB quick selector](#)

[Circuit breaker motor operators product aid](#)

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

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

[Breaker service centers](#)

### CATALOGS

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

### SPECIFICATIONS AND DATASHEETS

[Eaton Specification Sheet - JGS305036G](#)

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

[MOEM MCCB product selection guide](#)

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**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**

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