

Specifications



Photo is representative



Eaton JDC3175

Eaton Series C complete molded case circuit breaker, J-frame, JDC, Fixed thermal, fixed magnetic trip, Three-pole, 175A, 600 Vac, 250 Vdc, 200 kAIC at 240 Vac, 100 kAIC at 480 Vac, Aluminum, Line and load, 50/60 Hz

General specifications

PRODUCT NAME	Eaton Series C complete molded case circuit breaker
CATALOG NUMBER	JDC3175
UPC	782114211922
PRODUCT LENGTH/DEPTH	4.06 in
PRODUCT HEIGHT	4.13 in
PRODUCT WIDTH	4.13 in
PRODUCT WEIGHT	14.25 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.
CERTIFICATIONS	UL Listed

Product specifications	
TYPE	Complete breaker
AMPERAGE RATING	175 A
VOLTAGE RATING	600 Vac, 250 Vdc
TRIP TYPE	T186
CIRCUIT BREAKER TYPE	JDC
CIRCUIT BREAKER FRAME TYPE	Complete breaker
SERIES	Series C
TERMINALS	Line and load
FRAME	J
FREQUENCY RATING	50 to 60 Hz
TERMINAL MATERIAL	Aluminum
INTERRUPT RATING	200 kAIC at 240 Vac 100 kAIC at 480 Vac
NUMBER OF POLES	Three-pole

Resources	
	Application of Tap Rules to Molded Case Breaker Terminals
APPLICATION NOTES	UL listed 100%-rated molded case circuit breakers
	Application of Multi-Wire Terminals for Molded Case Circuit Breakers
BROCHURES	Motor protection circuit breakers product aid
	Current limiting Series C molded case circuit breakers product aid
	Multi-wire lugs product aid
	Circuit breaker motor operators product aid
	Plug-in adapters for molded case circuit breakers product aid
	StrandAble terminals product aid
	Power metering and monitoring with Modbus RTU product aid
	Breaker service centers
	Circuit Protection, Molded Case Circuit Breakers, Volume 4, Tab 2
	Circuit breakers explained
MULTIMEDIA	Circuit Breakers Explained
	Series C G-Frame molded case circuit breakers time current curves
	Eaton Specification Sheet - JDC3175
SPECIFICATIONS AND DATASHEETS	MOEM MCCB product selection guide
	Series C J-Frame molded case circuit breakers time current curves
	Series C F-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.

