

Eaton JD3175

Catalog Number: JD3175

Eaton Series C complete molded case circuit breaker, J-frame, JD, Complete breaker, Fixed thermal, Fixed magnetic trip, Three-pole, 175 A, 600 Vac, 250 Vdc, 65 kAIC at 240 Vac, 35 kAIC at 480 Vac, Aluminum, Line and load, 50/60 Hz



Photo is representative

General specifications

Product Name	Catalog Number
Eaton Series C complete molded case circuit breaker	JD3175
	UPC
	786679346143
Product Length/Depth	Product Height
4.06 in	4.13 in
Product Width	Product Weight
4.13 in	9.55 lb
Warranty	Certifications
Eaton Selling Policy 25-000, one (1) year UL Listed from the date of installation of the Product or eighteen (18) months from the date of shipment of the Product, whichever occurs first.	

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Type

Complete breaker

Amperage Rating

175 A

Voltage rating

600 Vac, 250 Vdc

Trip Type

Fixed thermal, fixed magnetic

Circuit breaker type

JD

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

35 kAIC at 480 Vac

65 kAIC at 240 Vac

Number of poles

Three-pole

Resources

Application notes

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

[UL listed 100%-rated molded case circuit breakers](#)

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

Brochures

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

[StrandAble terminals product aid](#)

[Circuit breaker motor operators product aid](#)

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

[Current limiting Series C molded case circuit breakers product aid](#)

[Multi-wire lugs product aid](#)

[MOEM MCCB Product Selection Guide](#)

[Motor protection circuit breakers product aid](#)

[Breaker service centers](#)

Catalogs

[Molded case circuit breakers catalog](#)

[Eaton's Volume 4—Circuit Protection](#)

Drawings

[JD3 3D Model Xchange](#)

[JD3 2D Drawing Xchange](#)

[JD3 3D Inventor](#)

[J-frame Molded Case Circuit Breaker Drawing](#)

[JD3 2D PDF](#)

Multimedia

[Circuit breakers explained](#)

[Circuit Breakers Explained](#)

Specifications and datasheets

[Series C G-Frame molded case circuit breakers time current curves](#)

[Series C J-Frame molded case circuit breakers time current curves](#)

[MOEM MCCB product selection guide](#)

[Series C, J-frame Time Current Curve](#)

[Series C F-Frame molded case circuit breakers](#)

[Eaton Specification Sheet - JD3175](#)

Time/current curves

[Cutler-Hammer Series C Time-Current Curves for J-Frame Circuit Breakers](#)



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