

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

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.	



Product specifications

Interrupt rating

35 kAIC at 480 Vac

65 kAIC at 240 Vac

Frame

J

Amperage Rating

175 A

Number of poles

Three-pole

Series

Series C

Type

Complete breaker

Circuit breaker type

JD

Frequency rating

50 to 60 Hz

Circuit breaker frame type

Complete breaker

Terminals

Line and load

Voltage rating

600 Vac, 250 Vdc

Terminal material

Aluminum

Trip Type

Fixed thermal, fixed magnetic

Resources

Application notes

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

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

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

Brochures

[StrandAble terminals product aid](#)

[Multi-wire lugs product aid](#)

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

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

[Circuit breaker motor operators product aid](#)

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

[Motor protection circuit breakers product aid](#)

[MOEM MCCB Product Selection Guide](#)

[Breaker service centers](#)

Catalogs

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

[Molded case circuit breakers catalog](#)

Drawings

[JD3 2D PDF](#)

[JD3 2D Drawing Xchange](#)

[JD3 3D Model Xchange](#)

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

[JD3 3D Inventor](#)

Multimedia

[Circuit breakers explained](#)

[Circuit Breakers Explained](#)

Specifications and datasheets

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

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

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

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

[MOEM MCCB product selection guide](#)

[Eaton Specification Sheet - JD3175](#)

Time/current curves

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



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