

Eaton FDB2050

Catalog Number: FDB2050

Eaton Series C complete molded case circuit breaker, F-frame, FDB, Complete breaker, Fixed thermal, fixed magnetic trip type, Two-pole, 50A, 600 Vac, 250 Vdc, 18 kAIC at 240 Vac, 14 kAIC at 480 Vac, Load side, 50/60 Hz

General specifications



Photo is representative

Product Name	Catalog Number
Eaton Series C complete molded case circuit breaker	FDB2050
	UPC
	786679312421

Product Length/Depth	Product Height
3.38 in	6 in

Product Width	Product Weight
2.75 in	3 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.	

defaultTaxonomyAttributeLabel

Amperage Rating

50 A

Voltage rating

600 Vac, 250 Vdc

Trip Type

Fixed thermal, fixed magnetic

Circuit breaker type

FDB

Circuit breaker frame type

Complete breaker

Series

Series C

Terminals

Load side

Frame

F

Frequency rating

50/60 Hz

Interrupt rating

18 kAIC at 240 Vac

14 kAIC at 480 Vac

Number of poles

Two-pole

Resources

Application notes

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

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

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

Brochures

[MOEM MCCB Product Selection Guide](#)

[Motor protection circuit breakers product aid](#)

[Multi-wire lugs product aid](#)

[Current limiting Series C 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](#)

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

[Counterfeit and Gray Market Awareness Guide](#)

[Breaker service centers](#)

Catalogs

[Molded case circuit breakers catalog](#)

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

Drawings

[FDB2 3D Inventor](#)

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

[FDB2 3D Model Xchange](#)

[FDB2 2D Drawing Xchange](#)

[FDB2 2D PDF](#)

[Time Current Curves for Series C® F-Frame Circuit Breakers](#)

Installation instructions

[Installation Instructions for EHD, EDB, EDS, ED, EDH, EDC, FDB, FD, HFD, FDC, HFDDC Circuit Breakers and Molded Case Switches](#)

Multimedia

[Circuit Breakers Explained](#)

[Circuit breakers explained](#)

Specifications and datasheets

[Eaton Specification Sheet - FDB2050](#)

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

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

[F-Frame 310+ Molded-case circuit breakers 15-225A](#)

MOEM MCCB product selection guide

Series C G-Frame molded case circuit breakers time current curves

Time/current curves

Types EHD and FDB 10 Amperes AB DE-ION Circuit Breakers



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