

# 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

<b>Product Name</b>	<b>Catalog Number</b>
Eaton Series C complete molded case circuit breaker	FDB2050
	<b>UPC</b>
	786679312421

<b>Product Length/Depth</b>	<b>Product Height</b>
3.38 in	6 in

<b>Product Width</b>	<b>Product Weight</b>
2.75 in	3 lb

<b>Warranty</b>	<b>Certifications</b>
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

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

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

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

### Brochures

[StrandAble terminals product aid](#)

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

[Circuit breaker motor operators product aid](#)

[Multi-wire lugs product aid](#)

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

[Motor protection circuit breakers product aid](#)

[MOEM MCCB Product Selection Guide](#)

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

[Breaker service centers](#)

[Counterfeit and Gray Market Awareness Guide](#)

### Catalogs

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

[Molded case circuit breakers catalog](#)

### Drawings

[FDB2 2D Drawing Xchange](#)

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

[FDB2 3D Inventor](#)

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

[FDB2 2D PDF](#)

[FDB2 3D Model Xchange](#)

### 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

[MOEM MCCB product selection guide](#)

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

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

[Eaton Specification Sheet - FDB2050](#)

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

Series C F-Frame molded case circuit breakers

Time/current curves

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



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