

# Eaton FDC2080

Catalog Number: FDC2080

Eaton Series C complete molded case circuit breaker, F-frame, FDC, Complete breaker, Fixed thermal, fixed magnetic trip type, Two-pole, 80A, 600 Vac, 250 Vdc, 200 kAIC at 240 Vac, 100 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	FDC2080
	UPC
	786679620809
<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	2 lb
<b>Certifications</b>	
UL Listed	

## defaultTaxonomyAttributeLabel

### Amperage Rating

80 A

### Voltage rating

600 Vac, 250 Vdc

### Trip Type

Fixed thermal, fixed magnetic

### Circuit breaker type

FDC

### Circuit breaker frame type

Complete breaker

### Series

Series C

### Terminals

Load side

### Frame

F

### Frequency rating

50/60 Hz

### Interrupt rating

200 kAIC at 240 Vac

100 kAIC at 480 Vac

### Number of poles

Two-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

[Circuit breaker motor operators product aid](#)

[Motor protection circuit breakers product aid](#)

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

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

[MOEM MCCB Product Selection Guide](#)

[StrandAble terminals product aid](#)

[Multi-wire lugs product aid](#)

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

[Counterfeit and Gray Market Awareness Guide](#)

[Breaker service centers](#)

### Catalogs

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

[Molded case circuit breakers catalog](#)

### Drawings

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

[FDC2 3D Inventor](#)

[FDC2 2D PDF](#)

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

[FDC2 2D Drawing Xchange](#)

[FDC2 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

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

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

[MOEM MCCB product selection guide](#)

[Eaton Specification Sheet - FDC2080](#)

F-Frame 310+ Molded-case circuit breakers 15-225A

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



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