

# Eaton FDE310022

Catalog Number: FDE310022

Eaton Series C electronic molded case circuit breaker, F-frame, FDE, Digitrip 210 RMS, Electronic LSI trip, 40-100 A trip rating, Three-pole, 100 A, 600 Vac, 250 Vdc, 65 kAIC at 240 Vac, 35 kAIC at 480 Vac, Load side, 50/60 Hz

## General specifications



Photo is representative

Product Name	Catalog Number
Eaton Series C electronic molded case circuit breaker	FDE310022

UPC  
786685982465

Product Length/Depth	Product Height
3.38 in	4.13 in

Product Width	Product Weight
4.13 in	4.5 lb

Warranty	Certifications
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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

100 A

### Voltage rating

600 Vac, 250 Vdc

### Trip Type

Electronic LSI

### Circuit breaker type

FDE

### Circuit breaker frame type

Complete breaker

### Magnetic trip range

40-100A

### Series

Series C

### Terminals

Load side

### Frame

F

### Frequency rating

50 to 60 Hz

### Interrupt rating

35 kAIC at 480 Vac

65 kAIC at 240 Vac

### Number of poles

Three-pole

### Trip rating

40-100 A

## Resources

### Application notes

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

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

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

### Brochures

[Multi-wire lugs product aid](#)

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

[Motor protection circuit breakers product aid](#)

[MOEM MCCB Product Selection Guide](#)

[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](#)

[Breaker service centers](#)

[Counterfeit and Gray Market Awareness Guide](#)

### Catalogs

[Molded case circuit breakers catalog](#)

### Drawings

[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

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

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

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

[MOEM MCCB product selection guide](#)

[Eaton Specification Sheet - FDE310022](#)



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