

Eaton FDE310021

Catalog Number: FDE310021

Eaton Series C electronic molded case circuit breaker, F-frame, FDE, Digitrip 210 RMS, Electronic LI 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	FDE310021

UPC
786685982403

Product Length/Depth	Product Height
3.38 in	4.13 in

Product Width	Product Weight
4.13 in	4.5 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

100 A

Voltage rating

600 Vac, 250 Vdc

Trip Type

Electronic LI

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 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

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

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

[MOEM MCCB Product Selection Guide](#)

[Multi-wire lugs product aid](#)

[StrandAble terminals product aid](#)

[Motor protection circuit breakers product aid](#)

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

[Circuit breaker motor operators product aid](#)

[Counterfeit and Gray Market Awareness Guide](#)

[Breaker service centers](#)

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](#)

[Eaton Specification Sheet - FDE310021](#)

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

[MOEM MCCB product selection guide](#)

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

Warranty guides

[Selling Policy 25-000 - Distribution and Control Products and Services](#)



Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com
© 2024 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.



[Eaton.com/socialmedia](https://www.eaton.com/socialmedia)