

# Eaton FDE308036

Catalog Number: FDE308036

Eaton Series C electronic molded case circuit breaker, F-frame, FDE, Complete breaker, Digitrip 310 RMS, Electronic LSIG trip type, Three-pole, 80 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                                                                                                                                      | FDE308036      |
|                                                                                                                                                                                            | UPC            |
|                                                                                                                                                                                            | 786685112336   |
| Product Length/Depth                                                                                                                                                                       | Product Height |
| 3.38 in                                                                                                                                                                                    | 6 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

80 A

### Voltage rating

600 Vac, 250 Vdc

### Trip Type

Electronic LSIG

### Circuit breaker type

FDE

### Circuit breaker frame type

Complete breaker

### Series

Series C

### Terminals

Load side

### Frame

F

### Frequency rating

50/60 Hz

### Interrupt rating

35 kAIC at 480 Vac

65 kAIC at 240 Vac

### Number of poles

Three-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

[Circuit breaker motor operators product aid](#)

[MOEM MCCB Product Selection Guide](#)

[StrandAble terminals product aid](#)

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

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

[Multi-wire lugs product aid](#)

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

[Motor protection circuit breakers product aid](#)

[Counterfeit and Gray Market Awareness Guide](#)

[Breaker service centers](#)

### Catalogs

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

[Molded case circuit breakers catalog](#)

### Drawings

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

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

### Installation instructions

[Installation Instructions for Series C F-Frame Circuit Breakers](#)

[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](#)

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

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

[MOEM MCCB product selection guide](#)

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

[Eaton Specification Sheet - FDE308036](#)



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