

Eaton FD1090

Catalog Number: FD1090

Eaton Series C complete molded case circuit breaker, F-frame, FD, Complete breaker, Fixed thermal, Fixed magnetic trip type, Single-pole, 90 A, 347 Vac, 125 Vdc, 35 kAIC at 277 Vac, 18 kAIC at 347 Vac, Load side, 50/60 Hz

General specifications

Product Name	Catalog Number
Eaton Series C complete molded case circuit breaker	FD1090
	UPC
	786679312186
Product Length/Depth	Product Height
3.38 in	6 in
Product Width	Product Weight
1.38 in	4.5 lb
Certifications	
UL Listed	



Photo is representative

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Amperage Rating

90 A

Voltage rating

347 Vac, 125 Vdc

Trip Type

Fixed thermal, fixed magnetic

Circuit breaker type

FD

Circuit breaker frame type

Complete breaker

Series

Series C

Terminals

Load side

Frame

F

Frequency rating

50/60 Hz

Interrupt rating

35 kAIC at 277 Vac

18 kAIC at 347 Vac

Number of poles

Single-pole

Resources

Application notes

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

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

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

Brochures

[Circuit breaker motor operators product aid](#)

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

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

[MOEM MCCB Product Selection Guide](#)

[StrandAble terminals product aid](#)

[Motor protection circuit breakers product aid](#)

[Multi-wire lugs product aid](#)

[Current limiting Series C molded case 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

[FD1 3D Model Xchange](#)

[FD1 3D Inventor](#)

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

[FD1 2D PDF](#)

[FD1 2D Drawing Xchange](#)

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

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 F-Frame molded case circuit breakers](#)

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

[Eaton Specification Sheet - FD1090](#)

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



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