

# Specifications



Photo is representative



## Eaton HFD2090

Eaton Series C complete molded case circuit breaker, F-frame, HFD, Complete breaker, Fixed thermal, Fixed magnetic trip type, Two-pole, 90 A, 600 Vac, 250 Vdc, 100 kAIC at 240 Vac, 65 kAIC at 480 Vac, Load side, 50/60 Hz

### General specifications

PRODUCT NAME	Eaton Series C complete molded case circuit breaker
CATALOG NUMBER	HFD2090
UPC	786679175453
PRODUCT LENGTH/DEPTH	3.38 in
PRODUCT HEIGHT	6 in
PRODUCT WIDTH	2.75 in
PRODUCT WEIGHT	3 lb
WARRANTY	Eaton Selling Policy 25-000, one (1) year from the date of installation of the Product or eighteen (18) months from the date of shipment of the Product, whichever occurs first.
CERTIFICATIONS	UL Listed

Product specifications	
AMPERAGE RATING	90 A
VOLTAGE RATING	600 Vac, 250 Vdc
TRIP TYPE	T186
CIRCUIT BREAKER TYPE	HFD
CIRCUIT BREAKER FRAME TYPE	Complete breaker
SERIES	Series C
TERMINALS	Load side
FRAME	F
FREQUENCY RATING	50/60 Hz
INTERRUPT RATING	65 kAIC at 480 Vac 100 kAIC at 240 Vac
NUMBER OF POLES	Two-pole

Resources	
	<a href="#">UL listed 100%-rated molded case circuit breakers</a>
	<a href="#">Application of Tap Rules to Molded Case Breaker Terminals</a>
	<a href="#">Application of Multi-Wire Terminals for Molded Case Circuit Breakers</a>
APPLICATION NOTES	
	<a href="#">Plug-in adapters for molded case circuit breakers product aid</a>
	<a href="#">Multi-wire lugs product aid</a>
	<a href="#">Circuit breaker motor operators product aid</a>
	<a href="#">Motor protection circuit breakers product aid</a>
	<a href="#">StrandAble terminals product aid</a>
	<a href="#">Power metering and monitoring with Modbus RTU product aid</a>
	<a href="#">Current limiting Series C molded case circuit breakers product aid</a>
	<a href="#">Breaker service centers</a>
BROCHURES	
	<a href="#">Circuit Protection, Molded Case Circuit Breakers, Volume 4, Tab 2</a>
CATALOGS	
	<a href="#">Circuit Breakers Explained</a>
MULTIMEDIA	
	<a href="#">Circuit breakers explained</a>
	<a href="#">Series C G-Frame molded case circuit breakers time current curves</a>
	<a href="#">Series C F-Frame molded case circuit breakers</a>
	<a href="#">MOEM MCCB product selection guide</a>
	<a href="#">Eaton Specification Sheet - HFD2090</a>
	<a href="#">Series C J-Frame molded case circuit breakers time current curves</a>
SPECIFICATIONS AND DATASHEETS	

---

**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**

---



**Eaton Corporation plc**

Eaton House  
30 Pembroke Road  
Dublin 4, Ireland  
Eaton.com

© 2025 Eaton. All Rights  
Reserved.

Eaton is a registered trademark.

All other trademarks are property of  
their respective owners.

Follow us on social media to get the latest  
product and support information.

