

# Specifications



Photo is representative



## Eaton FD3050L

Eaton Series C complete molded case circuit breaker, F-frame, FD, Complete breaker, Fixed thermal, fixed magnetic trip type, Three-pole, 50A, 600 Vac, 250 Vdc, 65 kAIC at 240 Vac, 35 kAIC at 480 Vac, Line and load, 50/60 Hz

### General specifications

PRODUCT NAME	Eaton Series C complete molded case circuit breaker
CATALOG NUMBER	FD3050L
UPC	786679305706
PRODUCT LENGTH/DEPTH	3.38 in
PRODUCT HEIGHT	6 in
PRODUCT WIDTH	4.13 in
PRODUCT WEIGHT	4.5 lb
CERTIFICATIONS	UL Listed

Product specifications	
AMPERAGE RATING	50 A
VOLTAGE RATING	600 Vac, 250 Vdc
TRIP TYPE	T186
CIRCUIT BREAKER TYPE	FD
CIRCUIT BREAKER FRAME TYPE	Complete breaker
SERIES	Series C
TERMINALS	Line and load
FRAME	F
FREQUENCY RATING	50/60 Hz
INTERRUPT RATING	65 kAIC at 240 Vac 35 kAIC at 480 Vac
NUMBER OF POLES	Three-pole

Resources	
	<a href="#">Application of Multi-Wire Terminals for Molded Case Circuit Breakers</a>
APPLICATION NOTES	<a href="#">UL listed 100%-rated molded case circuit breakers</a>
	<a href="#">Application of Tap Rules to Molded Case Breaker Terminals</a>
BROCHURES	<a href="#">Multi-wire lugs product aid</a>
	<a href="#">Motor protection circuit breakers product aid</a>
	<a href="#">Plug-in adapters for molded case circuit breakers product aid</a>
	<a href="#">Power metering and monitoring with Modbus RTU product aid</a>
	<a href="#">Circuit breaker motor operators product aid</a>
	<a href="#">Current limiting Series C molded case circuit breakers product aid</a>
	<a href="#">StrandAble terminals product aid</a>
	<a href="#">Breaker service centers</a>
CATALOGS	<a href="#">Circuit Protection, Molded Case Circuit Breakers, Volume 4, Tab 2</a>
MULTIMEDIA	<a href="#">Circuit breakers explained</a>
	<a href="#">Circuit Breakers Explained</a>
	<a href="#">Series C F-Frame molded case circuit breakers</a>
	<a href="#">Eaton Specification Sheet - FD3050L</a>
SPECIFICATIONS AND DATASHEETS	<a href="#">MOEM MCCB product selection guide</a>
	<a href="#">Series C J-Frame molded case circuit breakers time current curves</a>
	<a href="#">Series C G-Frame molded case circuit breakers time current curves</a>

---

**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.

