

Specifications



Photo is representative



Eaton FDC3050L

Eaton Series C complete molded case circuit breaker, F-frame, FDC, Complete breaker, Fixed thermal, fixed magnetic trip type, Three-pole, 50A, 600 Vac, 250 Vdc, 200 kAIC at 240 Vac, 100 kAIC at 480 Vac, Line and load, 50/60 Hz

General specifications	
PRODUCT NAME	Eaton Series C complete molded case circuit breaker
CATALOG NUMBER	FDC3050L
UPC	786679450086
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	FDC
CIRCUIT BREAKER FRAME TYPE	Complete breaker
SERIES	Series C
TERMINALS	Line and load
FRAME	F
FREQUENCY RATING	50/60 Hz
INTERRUPT RATING	100 kAIC at 480 Vac 200 kAIC at 240 Vac
NUMBER OF POLES	Three-pole

Resources	
	Application of Multi-Wire Terminals for Molded Case Circuit Breakers
APPLICATION NOTES	UL listed 100%-rated molded case circuit breakers
	Application of Tap Rules to Molded Case Breaker Terminals
BROCHURES	StrandAble terminals product aid
	Multi-wire lugs product aid
	Current limiting Series C molded case circuit breakers product aid
	Motor protection circuit breakers product aid
	Power metering and monitoring with Modbus RTU product aid
	Circuit breaker motor operators product aid
	Plug-in adapters for molded case circuit breakers product aid
	Breaker service centers
	Circuit Protection, Molded Case Circuit Breakers, Volume 4, Tab 2
	Circuit Breakers Explained
CATALOGS	Circuit breakers explained
MULTIMEDIA	Series C F-Frame molded case circuit breakers
	Eaton Specification Sheet - FDC3050L
SPECIFICATIONS AND DATASHEETS	Series C G-Frame molded case circuit breakers time current curves
	Series C J-Frame molded case circuit breakers time current curves
	MOEM MCCB product selection guide

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.

