

Specifications



Photo is representative



Eaton FD3045L

Eaton Series C complete molded case circuit breaker, F-frame, FD, Complete breaker, Fixed thermal, fixed magnetic trip type, Three-pole, 45A, 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	FD3045L
UPC	786679451748
PRODUCT LENGTH/DEPTH	3.38 in
PRODUCT HEIGHT	6 in
PRODUCT WIDTH	4.13 in
PRODUCT WEIGHT	4.5 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	45 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	35 kAIC at 480 Vac 65 kAIC at 240 Vac
NUMBER OF POLES	Three-pole

Resources	
	Application of Multi-Wire Terminals for Molded Case Circuit Breakers
APPLICATION NOTES	Application of Tap Rules to Molded Case Breaker Terminals
	UL listed 100%-rated molded case circuit breakers
BROCHURES	Motor protection circuit breakers product aid
	Multi-wire lugs product aid
	StrandAble terminals product aid
	Current limiting Series C molded case circuit breakers product aid
	Plug-in adapters for molded case circuit breakers product aid
	Circuit breaker motor operators product aid
	Power metering and monitoring with Modbus RTU product aid
	Breaker service centers
CATALOGS	Circuit Protection, Molded Case Circuit Breakers, Volume 4, Tab 2
MULTIMEDIA	Circuit Breakers Explained
	Circuit breakers explained
	MOEM MCCB product selection guide
	Series C F-Frame molded case circuit breakers
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
	Eaton Specification Sheet - FD3045L

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.

