

Specifications



Photo is representative



Eaton FDC3045

Eaton Series C complete molded case circuit breaker, F-frame, FDC, Complete breaker, Fixed thermal, fixed magnetic trip type, Three-pole, 45A, 600 Vac, 250 Vdc, 200 kAIC at 240 Vac, 100 kAIC at 480 Vac, Load side, 50/60 Hz

General specifications

PRODUCT NAME	Eaton Series C complete molded case circuit breaker
CATALOG NUMBER	FDC3045
UPC	786679306253
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	45 A
VOLTAGE RATING	600 Vac, 250 Vdc
TRIP TYPE	T186
CIRCUIT BREAKER TYPE	FDC
CIRCUIT BREAKER FRAME TYPE	Complete breaker
SERIES	Series C
TERMINALS	Load side
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 NOTES	UL listed 100%-rated molded case circuit breakers
	Application of Tap Rules to Molded Case Breaker Terminals
BROCHURES	Application of Multi-Wire Terminals for Molded Case Circuit Breakers
	StrandAble terminals product aid
	Power metering and monitoring with Modbus RTU product aid
	Plug-in adapters for molded case circuit breakers product aid
	Circuit breaker motor operators product aid
	Motor protection circuit breakers product aid
	Multi-wire lugs product aid
	Current limiting Series C molded case circuit breakers product aid
	Breaker service centers
	Circuit Protection, Molded Case Circuit Breakers, Volume 4, Tab 2
CATALOGS	Circuit Breakers Explained
	Circuit breakers explained
MULTIMEDIA	MOEM MCCB product selection guide
	Eaton Specification Sheet - FDC3045
	Series C F-Frame molded case circuit breakers
	Series C G-Frame molded case circuit breakers time current curves
	Series C J-Frame molded case circuit breakers time current curves
SPECIFICATIONS AND DATASHEETS	

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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