Specifications



Photo is representative





Eaton ED3050

Eaton Series C complete molded case circuit breaker, F-frame, ED, Complete breaker, Fixed thermal, fixed magnetic trip type, Three-pole, 50A, 240 Vac, 125 Vdc, 65 kAIC at 240 Vac, Load side, 50/60 Hz

General specifications

PRODUCT NAME	Eaton Series C complete molded case circuit breaker
CATALOG NUMBER	ED3050
UPC	782116349036
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 TYPE	Molded case circuit breaker

Powering Business Worldwide

Product specifications

AMPERAGE RATING	50 A
VOLTAGE RATING	240 Vac, 125 Vdc
TRIP TYPE	T186
CIRCUIT BREAKER TYPE	ED
CIRCUIT BREAKER FRAME TYPE	Complete breaker
SERIES	Series C
TERMINALS	Load side
FRAME	F
FREQUENCY RATING	50/60 Hz
INTERRUPT RATING	65 kAIC at 240 Vac
NUMBER OF POLES	Three-pole

Resources

APPLICATION NOTES	Application of Tap Rules to Molded Case Breaker Terminals UL listed 100%-rated molded case circuit breakers Application of Multi-Wire Terminals for Molded Case Circuit Breakers
BROCHURES	StrandAble terminals product aid Circuit breaker motor operators product aid Plug-in adapters for molded case circuit breakers product aid Power metering and monitoring with Modbus RTU 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
CATALOGS	Circuit Protection, Molded Case Circuit Breakers, Volume 4, Tab 2
MULTIMEDIA	Circuit breakers explained Circuit Breakers Explained
SPECIFICATIONS AND DATASHEETS	MOEM MCCB product selection guide Series C J-Frame molded case circuit breakers time current curves Series C F-Frame molded case circuit breakers Series C G-Frame molded case circuit breakers time current curves Eaton Specification Sheet - ED3050

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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

© 2026 Eaton. All Rights Reserved.

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