

Specifications



Photo is representative



Eaton FD3045

Eaton Series C complete molded case circuit breaker, F-frame, FD, Complete breaker, Fixed thermal, Fixed magnetic trip type, Three-pole, 45 A, 600 Vac, 250 Vdc, Load side, 50/60 Hz

General specifications

| | |
|----------------------|--|
| PRODUCT NAME | Eaton Series C complete molded case circuit breaker |
| CATALOG NUMBER | FD3045 |
| UPC | 786679305546 |
| PRODUCT LENGTH/DEPTH | 3.38 in |
| PRODUCT HEIGHT | 6 in |
| PRODUCT WIDTH | 4.13 in |
| PRODUCT WEIGHT | 4.3 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 | Load side |
| 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 | UL listed 100%-rated molded case circuit breakers |
| | Application of Tap Rules to Molded Case Breaker Terminals |
| BROCHURES | Motor protection circuit breakers product aid |
| | Current limiting Series C molded case circuit breakers product aid |
| | 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 |
| | Multi-wire lugs product aid |
| | Breaker service centers |
| CATALOGS | Circuit Protection, Molded Case Circuit Breakers, Volume 4, Tab 2 |
| MULTIMEDIA | Circuit Breakers Explained |
| | Circuit breakers explained |
| | Series C F-Frame molded case circuit breakers |
| | Series C J-Frame molded case circuit breakers time current curves |
| SPECIFICATIONS AND DATASHEETS | MOEM MCCB product selection guide |
| | Eaton Specification Sheet - FD3045 |
| | Series C G-Frame molded case circuit breakers time current curves |
| WARRANTY GUIDES | Selling Policy 25-000 - Distribution and Control Products and Services |

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.

