Product specifications

Eaton HFDE308033

Catalog Number: HFDE308033

Eaton Series C electronic molded case circuit breaker, F-frame, HFD, Complete breaker, Digitrip 310 RMS, Electronic LS trip type, Three-pole, 80A, 600 Vac, 250 Vdc, 100 kAIC at 240 Vac, 65 kAIC at 480 Vac, Load side, 50/60 Hz



Photo is representative

General specifications

Product Name
Eaton Series C electronic molded case circuit breaker

Catalog Number
HFDE308033

UPC
786685112428

Product Length/Depth
3.38 in

Product Height
6 in

Product Width
4.13 in

Product Weight
3.99 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

Powering Business Worldwide

defaultTaxonomyAttributeLabel

Amperage Rating

80 A

Voltage rating

600 Vac, 250 Vdc

Trip Type

Electronic LS

Circuit breaker type

HFD

Circuit breaker frame type

Complete breaker

Series

Series C

Terminals

Load side

Frame

F

Frequency rating

50/60 Hz

Interrupt rating

65 kAIC at 480 Vac

100 kAIC at 240 Vac

Number of poles

Three-pole

Resources

Application notes

UL listed 100%-rated molded case circuit breakers

Application of Multi-Wire Terminals for Molded Case Circuit Breakers

Application of Tap Rules to Molded Case Breaker Terminals

Brochures

310+ MCCB product family pocket folder

Circuit breaker motor operators product aid

MOEM MCCB Product Selection Guide

Plug-in adapters for molded case circuit breakers product aid

Motor protection circuit breakers product aid

Multi-wire lugs product aid

Power metering and monitoring with Modbus RTU product aid

StrandAble terminals product aid

Current limiting Series C molded case circuit breakers product aid

Counterfeit and Gray Market Awareness Guide

Breaker service centers

F-Frame 310+ Molded-case circuit breakers

Catalogs

Eaton's Volume 4—Circuit Protection

Molded case circuit breakers catalog

Drawings

Time Current Curves for Series C® F-Frame Circuit Breakers

F-frame Molded Case Circuit Breaker Drawing

Installation instructions

Installation Instructions for EHD, EDB, EDS, ED, EDH, EDC, FDB, FD, HFD, FDC, HFDDC Circuit Breakers and Molded Case Switches

Installation Instructions for Series C F-Frame Circuit Breakers

Multimedia

Circuit Breakers Explained

Circuit breakers explained

Specifications and datasheets

Eaton Specification Sheet - HFDE308033

MOEM MCCB product selection guide

Series C G-Frame molded case circuit breakers time current curves

Series C J-Frame molded case circuit breakers time current curves

Series C F-Frame molded case circuit breakers

F-Frame 310+ Molded-case circuit breakers 15-225A

Warranty guides

Selling Policy 25-000 - Distribution and Control Products and Services

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