

# Specifications



Photo is representative



## Eaton HFD3175L

Series C, F-frame molded case circuit breaker, 175A, Three-pole, Line and load terminals, Thermal magnetic trip

### General specifications

PRODUCT NAME	Eaton Series C complete molded case circuit breaker
CATALOG NUMBER	HFD3175L
UPC	786679015476
PRODUCT LENGTH/DEPTH	3.38 in
PRODUCT HEIGHT	4.13 in
PRODUCT WIDTH	4.13 in
PRODUCT WEIGHT	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	175 A
VOLTAGE RATING	600 Vac, 250 Vdc
TRIP TYPE	T186
CIRCUIT BREAKER TYPE	HFD
CIRCUIT BREAKER FRAME TYPE	Complete breaker
SERIES	Series C
TERMINALS	Line and load
FRAME	F
FREQUENCY RATING	50 to 60 Hz
INTERRUPT RATING	100 kAIC at 240 Vac 65 kAIC at 480 Vac
NUMBER OF POLES	Three-pole

Resources	
	<a href="#">Application of Multi-Wire Terminals for Molded Case Circuit Breakers</a>
APPLICATION NOTES	<a href="#">UL listed 100%-rated molded case circuit breakers</a>  <a href="#">Application of Tap Rules to Molded Case Breaker Terminals</a>
BROCHURES	<a href="#">Motor protection circuit breakers product aid</a>  <a href="#">Circuit breaker motor operators product aid</a>  <a href="#">StrandAble terminals product aid</a>  <a href="#">Multi-wire lugs product aid</a>  <a href="#">Power metering and monitoring with Modbus RTU product aid</a>  <a href="#">Plug-in adapters for molded case circuit breakers product aid</a>  <a href="#">Current limiting Series C molded case circuit breakers product aid</a>  <a href="#">Breaker service centers</a>
CATALOGS	<a href="#">Circuit Protection, Molded Case Circuit Breakers, Volume 4, Tab 2</a>
MULTIMEDIA	<a href="#">Circuit breakers explained</a>  <a href="#">Circuit Breakers Explained</a>  <a href="#">Series C F-Frame molded case circuit breakers</a>  <a href="#">MOEM MCCB product selection guide</a>
SPECIFICATIONS AND DATASHEETS	<a href="#">Series C J-Frame molded case circuit breakers time current curves</a>  <a href="#">Series C G-Frame molded case circuit breakers time current curves</a>  <a href="#">Eaton Specification Sheet - HFD3175L</a>

---

**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.

