

Product specifications

Eaton EHD1045L

Catalog Number: EHD1045L

Eaton Series C complete molded case circuit breaker, F-frame, EHD, Complete breaker, Fixed thermal, fixed magnetic trip type, Single-pole, 45A, 18 kAIC at 240 Vac, 14 kAIC at 480 Vac, Line and load, 50/60 Hz

General specifications

Product Name	Catalog Number
Eaton Series C complete molded case circuit breaker	EHD1045L
	UPC
	786679098103
Product Length/Depth	Product Height
3.38 in	6 in
Product Width	Product Weight
1.38 in	1.5 lb
Certifications	
UL Listed	





Product specifications

Series

Series C

Interrupt rating

18 kAIC at 240 Vac

14 kAIC at 480 Vac

Frame

F

Circuit breaker type

EHD

Frequency rating

50/60 Hz

Circuit breaker frame type

Complete breaker

Terminals

Line and load

Amperage Rating

45 A

Trip Type

Fixed thermal, fixed magnetic

Number of poles

Single-pole

Resources

Application notes

[Application of Tap Rules to Molded Case Breaker Terminals](#)

[Application of Multi-Wire Terminals for Molded Case Circuit Breakers](#)

[UL listed 100%-rated molded case circuit breakers](#)

Brochures

[Circuit breaker motor operators product aid](#)

[Power metering and monitoring with Modbus RTU product aid](#)

[Plug-in adapters for molded case circuit breakers product aid](#)

[Motor protection circuit breakers product aid](#)

[StrandAble terminals product aid](#)

[Multi-wire lugs product aid](#)

[Current limiting Series C molded case circuit breakers product aid](#)

[MOEM MCCB Product Selection Guide](#)

[Counterfeit and Gray Market Awareness Guide](#)

[Breaker service centers](#)

Catalogs

[Eaton's Volume 4—Circuit Protection](#)

[Molded case circuit breakers catalog](#)

Drawings

[EHD1 AutoCAD 2D Footprint \(mm\)](#)

[EHD1 3D Inventor](#)

[EHD1 2D PDF](#)

[EHD1 3D Model Xchange](#)

[Time Current Curves for Series C® F-Frame Circuit Breakers](#)

Installation instructions

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

Multimedia

[Circuit Breakers Explained](#)

[Circuit breakers explained](#)

Specifications and datasheets

[Series C J-Frame molded case circuit breakers time current curves](#)

[Eaton Specification Sheet - EHD1045L](#)

[Series C F-Frame molded case circuit breakers](#)

[Series C G-Frame molded case circuit breakers time current curves](#)

[MOEM MCCB product selection guide](#)



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