

Eaton HFDDC3050LC06S08

Catalog Number: HFDDC3050LC06S08

Eaton Series C DC/PvGard complete molded case circuit breaker, F-frame, HFD, Fixed thermal and magnetic trips, Three-pole, 50A, 600 Vac, 250 Vdc, 42 kAIC at 600 Vac, Line/load, 48-127 Vac or 48-60 Vdc same side left term.



General specifications

Product Name

Eaton PV Guard / Solar complete
molded case circuit breaker

Catalog Number

HFDDC3050LC06S08

UPC

786679087558

Product Length/Depth

3.38 in

Product Height

6 in

Product Width

4.13 in

Product Weight

6.3 lb

Warranty

Eaton Selling Policy 25-000, one (1) year UL 489
from the date of installation of the
Product or eighteen (18) months from the
date of shipment of the Product,
whichever occurs first.

Certifications

Product specifications

Interrupt rating

42 kAIC at 600 Vac

Frame

F

Circuit breaker type

HFD

Shunt trip

48-127 Vac or 48-60 Vdc left terminal same side

Combo switch

1A-1B mk-bk same side right terminal

Class

Vdc

Circuit breaker frame type

Complete breaker

Terminals

Line and load

Voltage rating

600 Vac, 250 Vdc

Amperage Rating

50 A

Trip Type

Fixed thermal, fixed magnetic

Number of poles

Three-pole

Resources

Brochures

[MOEM MCCB Product Selection Guide](#)

[PVGard solar circuit breakers product aid](#)

[DC molded-case circuit breakers and switches](#)

[Counterfeit and Gray Market Awareness Guide](#)

Catalogs

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

[Molded case circuit breakers catalog](#)

Drawings

[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

[Value of Circuit Breakers for PV Systems and Eaton PVGard Solar Circuit Breakers](#)

Specifications and datasheets

[Eaton Specification Sheet - HFDDC3050LC06S08](#)

[PVGard solar circuit breakers technical data sheet](#)