

# Specifications



## Eaton HLDDC3600F

Eaton Series C DC/PvGard molded case circuit breaker frame, L-frame, HLD, Frame only, Fixed thermal, fixed magnetic trip type, Three-pole, 600A, 600 Vac, 600 Vdc, 35 kAIC at 600 Vac, 50 kAIC at 250 Vdc, Line and load, Vdc

### General specifications

<b>PRODUCT NAME</b>	Eaton PV Guard / Solar molded case circuit breaker frame
<b>CATALOG NUMBER</b>	HLDDC3600F
<b>UPC</b>	786679851401
<b>PRODUCT LENGTH/DEPTH</b>	8.25 in
<b>PRODUCT HEIGHT</b>	8.25 in
<b>PRODUCT WIDTH</b>	8.25 in
<b>PRODUCT WEIGHT</b>	17.4 lb
<b>WARRANTY</b>	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.
<b>CERTIFICATIONS</b>	UL 489



Powering Business Worldwide

## Product specifications

<b>TYPE</b>	Frame only
<b>AMPERAGE RATING</b>	600 A
<b>VOLTAGE RATING</b>	600 Vac, 600 Vdc
<b>TRIP TYPE</b>	T186
<b>CIRCUIT BREAKER TYPE</b>	HLD
<b>CIRCUIT BREAKER FRAME TYPE</b>	Frame only
<b>TERMINALS</b>	Line and load
<b>FRAME</b>	L
<b>CLASS</b>	Vdc
<b>INTERRUPT RATING</b>	50 kAIC at 250 Vdc 35 kAIC at 600 Vac
<b>NUMBER OF POLES</b>	Three-pole

## Resources

<b>BROCHURES</b>	<a href="#">PVGard solar circuit breakers product aid</a>
<b>CATALOGS</b>	<a href="#">Circuit Protection, Molded Case Circuit Breakers, Volume 4, Tab 2</a>
<b>MULTIMEDIA</b>	<a href="#">Value of Circuit Breakers for PV Systems and Eaton PVGard Solar Circuit Breakers</a>
<b>SPECIFICATIONS AND DATASHEETS</b>	<a href="#">PVGard solar circuit breakers technical data sheet</a> <a href="#">Eaton Specification Sheet - HLDDC3600F</a>

**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**



**Eaton Corporation plc**  
Eaton House  
30 Pembroke Road  
Dublin 4, Ireland  
Eaton.com

Follow us on social media to get the latest product and support information.



© 2025 Eaton. All Rights Reserved.