

# Specifications

Photo is representative

## Eaton

### PDG33M0400E2MN

Power Defense Globally Rated, Frame 3, Three Pole, 400A, 65kA/480V, PXR20 LSI w/ Modbus RTU and Relays, No Terminals

#### General specifications

<b>PRODUCT NAME</b>	Eaton Power Defense molded case circuit breaker
<b>CATALOG NUMBER</b>	PDG33M0400E2MN
<b>UPC</b>	786679307304
<b>PRODUCT LENGTH/DEPTH</b>	109.1 mm
<b>PRODUCT HEIGHT</b>	257.1 mm
<b>PRODUCT WIDTH</b>	138.9 mm
<b>PRODUCT WEIGHT</b>	5.92 kg
<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>COMPLIANCES</b>	RoHS Compliant
<b>CERTIFICATIONS</b>	UL 489 CCC Marked IEC 60947-2 CSA



Powering Business Worldwide

## Delivery program

<b>AMPERAGE RATING</b>	400 A
<b>CIRCUIT BREAKER FRAME TYPE</b>	Complete breaker
<b>FRAME</b>	3
<b>NUMBER OF POLES</b>	Three-pole

## Other

<b>COMMUNICATION</b>	Modbus RTU
----------------------	------------

## Technical data - Mechanical - Terminals

<b>TERMINALS</b>	No Terminals
------------------	--------------

## General information

<b>CIRCUIT BREAKER TYPE</b>	PD3 Global
<b>CLASS</b>	Class A
<b>TRIP TYPE</b>	T283

## Technical data - Electrical

<b>VOLTAGE RATING</b>	600 Vac
-----------------------	---------

## Technical information

<b>INTERRUPT RATING</b>	65 kAIC at 480 Vac
<b>INTERRUPT RATING RANGE</b>	100 kAIC @240V (UL) 22 kAIC Icu @250 Vdc
<b>TRIP RATING</b>	400 A

## Resources

3D CAD DRAWING PACKAGE	<a href="#">Eaton Power Defense MCCB PDG33M0400E2MN 3D drawing</a>
APPLICATION NOTES	<a href="#">Power Xpert Protection Manager x32</a> <a href="#">Power Xpert Protection Manager x64</a> <a href="#">Consulting application guide - molded case circuit breakers</a>
BROCHURES	<a href="#">StrandAble terminals product aid</a> <a href="#">Power Defense brochure</a> <a href="#">Power Defense technical selling booklet</a> <a href="#">Power Defense molded case circuit breaker selection poster</a>
CATALOGS	<a href="#">Power Xpert Release trip units for Power Defense molded case circuit breakers</a> <a href="#">Circuit Protection, Molded Case Circuit Breakers, Volume 4, Tab 2</a>
CERTIFICATION REPORTS	<a href="#">PDG3B 450A-600A CB report</a> <a href="#">PDG3 CSA certification 250-600a</a> <a href="#">PDG3 UL authorization 250-600a TMTU</a> <a href="#">PDG3 CSA certification 100-400a</a> <a href="#">EU Declaration of Conformity - Power Defense molded case circuit breakers</a> <a href="#">PDG3 45-400A CB report</a> <a href="#">PDG3 UL authorization 100-400a</a>
INSTALLATION INSTRUCTIONS	<a href="#">Power Defense Frame 3 screw terminal end cap kit 600A, 3 pole - IL012264EN</a>

[Power Defense Frame 3 screw terminal end cap kit, 400A, 3 pole - IL012262EN](#)

[Power Defense Frame 4 shunt trip UVR instructions - IL012129EN](#)

[Power Defense Frame 3 adapter kit installation instructions LZM3 to PD3 - IL012227EN](#)

[Power Defense Frame 3 plug-in adapter installation instructions - IL012311EN](#)

[Power Defense Frame 3 Breaker Instructions \(IL012107EN\).pdf](#)

[Power Defense Frame 2/3/4/5/6 voltage neutral sensor module wiring instructions - IL012316EN](#)

[Power Defense Frame 3 Aux, Alarm, ST and UVR Animated Instructions.rh](#)

[Power Defense Frame 4 locking devices and handle block instructions - IL012151EN](#)

[Power Defense Frame 3 interphase barrier - IL012229EN H03](#)

[Power Defense Frame 1-2-3-4 IP door barrier assembly instructions - IL012278EN](#)

[Power Defense Frame 3 reverse feed connector kit Cat Num PDG3X3\(2\)\(4\)TA400HRE instructions - IL012252EN](#)

[Power Defense Frame 3 reverse feed connector kit Cat Num PDG3X3\(2\)\(4\)TA630RE instructions - IL012253EN](#)

[Power Defense Frame 3 extendable shaft rotary handle mech - IL012112EN](#)

[Power Defense Frame 3 rear connection installation instructions - IL012300EN](#)

[Power Defense Frame 3 interphase barriers 3-pole - IL012229EN H01](#)

[Power Defense Frame 3 terminal spreader assembly instructions - IL012301EN](#)

[Power Defense Frame 3 multi-tap terminal kit Cat Num PDG3X3\(2\)\(4\)TA6006W Instructions - IL012248EN](#)

[Power Defense Frame 3 Direct Rotary Handle Assy With Interlock Version Instructions \(IL012139EN\).pdf](#)

[Power Defense Frame 3 locking devices and handle block instructions - IL012150EN](#)

[Power Defense Frame 3 shunt trip UVR instructions - IL012140EN](#)

[Power Defense Frame 3 handle mech direct rotary handle instructions - IL012111EN](#)

[Power Defense Frame 4 reverse feed connector kit instructions for PDG4X3\(2\)\(4\)TA800RE instructions - IL012254EN](#)

[Power Defense Frame 3 terminal kit Cat Num PDG3X3\(2\)\(4\)TA400RE instructions - IL012251EN](#)

[Power Defense Frame 3 finger protection assembly installation instructions - IL012279EN](#)

[Power Defense Frame 3 trip unit replacement instructions - IL012157EN](#)

[Power Defense Frame 3  
box terminal installation  
instructions - IL012299EN](#)

[Power Defense Frame 3  
terminal cover assembly  
instructions - IL012281EN](#)

[Power Defense Frame 3  
multi wire connector kit -  
PDG3X3\(2\)\(4\)TA4006W  
and  
PDG3X3\(2\)\(4\)TA4003W  
instructions- IL012247EN  
H01](#)

[Power Defense Frame 3  
multi-tap terminal kit Cat  
Num  
PDG3X3\(2\)\(4\)TA6006WSW  
instructions - IL012250EN](#)

[Power Defense Frame 3  
Shunt Trip UVR Animated  
Instructions.pdf.rh](#)

[Power Defense Frame 3  
trip unit replacement  
animated instructions.rh](#)

[Power Defense Frame 3  
Locking Devices and  
Handle Block Animated  
Instructions.pdf.rh](#)

[Power Defense Frame 3  
Handle Mech Direct Rotary  
Handle Animated  
Instructions.rh](#)

[Power Defense Frame 3  
Handle Mech Variable  
Depth Rotary Handle  
Animated Instructions.rh](#)

## INSTALLATION VIDEOS

[Power Defense Frame 3  
Aux, Alarm, Shunt Trip,  
and UVR How-To Video](#)

[Power Defense Frame 3  
Direct Rotary Handle  
Mechanism Installation  
How-To Video](#)

[Power Defense Frame 3  
Trip Unit Installation How-  
To Video](#)

[Power Defense Frame 3  
Variable Depth Rotary  
Handle Mechanism  
Installation How-To Video](#)

## MULTIMEDIA

	<p><a href="#">Power Defense Breakers</a></p> <p><a href="#">Power Defense Frame 6 Trip Unit How-To Video</a></p> <p><a href="#">Eaton Power Defense for superior arc flash safety</a></p> <p><a href="#">Power Defense molded case circuit breakers</a></p> <p><a href="#">Power Defense Frame 5 Trip Unit How-To Video</a></p> <p><a href="#">Power Defense Frame 2 Variable Depth Rotary Handle Mechanism Installation How-To Video</a></p>
SPECIFICATIONS AND DATASHEETS	<a href="#">Eaton Specification Sheet - PDG33M0400E2MN</a>
TIME/CURRENT CURVES	<p><a href="#">Power Defense time current curve Frame 3 - PD3</a></p> <p><a href="#">Power Defense time current curves MCP Motor Circuit Protection - PD1, PD2, PD3</a></p>
WARRANTY GUIDES	<a href="#">Selling Policy 25-000 - Distribution and Control Products and Services</a>
WHITE PAPERS	<p><a href="#">Implementation of arc flash mitigating solutions at industrial manufacturing facilities</a></p> <p><a href="#">Molded case and low-voltage power circuit breaker health</a></p> <p><a href="#">Intelligent power starts with accurate, actionable data</a></p> <p><a href="#">Intelligent circuit protection yields space savings</a></p> <p><a href="#">Single and double break MCCB performance revisited</a></p> <p><a href="#">Making a better machine</a></p> <p><a href="#">Safer by design: arc energy reduction techniques</a></p> <p><a href="#">Molded case and low-voltage breaker health</a></p>

---

**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.