

# Specifications

Photo is representative

## Eaton PDG32K0400VFAJ

Eaton Power Defense Globally Rated, Frame 3, Two Pole, 400A, 50kA/480V, 50C Cal T-M (Fxd-Adj) TU, Std Line Load Term (PDG3X2TA400)

### General specifications

<b>PRODUCT NAME</b>	Eaton Power Defense molded case circuit breaker
<b>CATALOG NUMBER</b>	PDG32K0400VFAJ
<b>UPC</b>	786689307691
<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>	3.65 kg
<b>COMPLIANCES</b>	RoHS Compliant



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>	Two-pole

## Other

<b>CALIBRATION</b>	50C Calibration
--------------------	-----------------

## Technical data - Mechanical - Terminals

<b>TERMINALS</b>	Standard Line and Load
------------------	------------------------

## General information

<b>CIRCUIT BREAKER TYPE</b>	PD3 Global
<b>CLASS</b>	Class A
<b>SERIES</b>	Power defense
<b>TRIP TYPE</b>	T297

## Technical data - Electrical

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

## Technical information

<b>INTERRUPT RATING</b>	50 kAIC at 480 Vac
-------------------------	--------------------

## Resources

BROCHURES	<a href="#">StrandAble terminals product aid</a> <a href="#">Power Defense brochure</a>
CATALOGS	<a href="#">Circuit Protection, Molded Case Circuit Breakers, Volume 4, Tab 2</a>
CERTIFICATION REPORTS	<a href="#">PDG3 CSA certification 250-600a</a> <a href="#">PDG3 UL authorization 250-600a TMTU</a> <a href="#">PDG3B 450A-600A CB report</a> <a href="#">PDG3 UL authorization 100-400a</a> <a href="#">EU Declaration of Conformity - Power Defense molded case circuit breakers</a> <a href="#">PDG3 CSA certification 100-400a</a> <a href="#">PDG3 45-400A CB report</a>
INSTALLATION INSTRUCTIONS	<a href="#">Power Defense Frame 3 locking devices and handle block instructions - IL012150EN</a> <a href="#">Power Defense Frame 3 Direct Rotary Handle Assy With Interlock Version Instructions (IL012139EN).pdf</a> <a href="#">Power Defense Frame 3 multi-tap terminal kit Cat Num PDG3X3(2)(4)TA6006W Instructions - IL012248EN</a> <a href="#">Power Defense Frame 3 rear connection installation instructions - IL012300EN</a> <a href="#">Power Defense Frame 3 terminal spreader assembly instructions - IL012301EN</a> <a href="#">Power Defense Frame 4 reverse feed connector kit instructions for PDG4X3(2)(4)TA800RE instructions - IL012254EN</a>

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[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  
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  
Shunt Trip UVR Animated  
Instructions.pdf.rh](#)

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

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

## MULTIMEDIA

[Power Defense Frame 6  
Trip Unit How-To Video](#)

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

	<a href="#">Power Defense Breakers</a>  <a href="#">Power Defense Frame 2 Variable Depth Rotary Handle Mechanism Installation How-To Video</a>  <a href="#">Power Defense Frame 5 Trip Unit How-To Video</a>  <a href="#">Eaton Power Defense for superior arc flash safety</a>  <a href="#">Power Defense molded case circuit breakers</a>
SPECIFICATIONS AND DATASHEETS	<a href="#">Eaton Specification Sheet - PDG32K0400VFAJ</a>
TIME/CURRENT CURVES	<a href="#">Power Defense time current curve Frame 3 - PD3</a>
WHITE PAPERS	<a href="#">Single and double break MCCB performance revisited</a>  <a href="#">Molded case and low-voltage power circuit breaker health</a>  <a href="#">Implementation of arc flash mitigating solutions at industrial manufacturing facilities</a>  <a href="#">Intelligent circuit protection yields space savings</a>  <a href="#">Intelligent power starts with accurate, actionable data</a>  <a href="#">Making a better machine</a>  <a href="#">Safer by design: arc energy reduction techniques</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.

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

