

Specifications

Photo is representative

Eaton PDG33M0400TFAL

Power Defense Globally Rated, Frame 3, Three Pole, 400A, 65kA/480V, T-M (Fxd-Adj) TU, Std Term Load Only (PDG3X3TA400)

General specifications

PRODUCT NAME	Eaton Power Defense molded case circuit breaker
CATALOG NUMBER	PDG33M0400TFAL
UPC	786679733011
PRODUCT LENGTH/DEPTH	109.1 mm
PRODUCT HEIGHT	257.1 mm
PRODUCT WIDTH	138.9 mm
PRODUCT WEIGHT	5.61 kg
WARRANTY	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.
COMPLIANCES	RoHS Compliant
CERTIFICATIONS	IEC 60947-2 UL 489 CCC Marked CSA



Powering Business Worldwide

Delivery program

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

Technical data - Electrical

VOLTAGE RATING	600 Vac
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Technical information

INTERRUPT RATING	65 kAIC at 480 Vac
INTERRUPT RATING RANGE	100 kAIC @240V (UL) 22 kAIC Icu @250 Vdc

General information

CIRCUIT BREAKER TYPE	PD3 Global
CLASS	Class A
TRIP TYPE	T297

Technical data - Mechanical - Terminals

TERMINALS	Standard Terminals Load Only
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Resources

3D CAD DRAWING PACKAGE	Eaton Power Defense PDG33M0400TFAL 3D drawing
BROCHURES	StrandAble terminals product aid Power Defense brochure Power Defense technical selling booklet Power Defense molded case circuit breaker selection poster
CATALOGS	Circuit Protection, Molded Case Circuit Breakers, Volume 4, Tab 2
CERTIFICATION REPORTS	PDG3 45-400A CB report PDG3 UL authorization 100-400a PDG3 CSA certification 250-600a PDG3 UL authorization 250-600a TMTU EU Declaration of Conformity - Power Defense molded case circuit breakers PDG3 CSA certification 100-400a PDG3B 450A-600A CB report
INSTALLATION INSTRUCTIONS	Power Defense Frame 3 rear connection installation instructions - IL012300EN

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

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

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

[Power Defense Frame 3
screw terminal end cap kit
600A, 3 pole - IL012264EN](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

INSTALLATION VIDEOS

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

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

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

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

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

MULTIMEDIA

[Power Defense Frame 5
Trip Unit How-To Video](#)

[Power Defense Frame 2
Variable Depth Rotary
Handle Mechanism
Installation How-To Video](#)

[Eaton Power Defense for
superior arc flash safety](#)

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

[Power Defense molded
case circuit breakers](#)

[Power Defense Breakers](#)

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

SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - PDG33M0400TFAL
TIME/CURRENT CURVES	Power Defense time current curves MCP Motor Circuit Protection – PD1, PD2, PD3 Power Defense time current curve Frame 3 - PD3
WARRANTY GUIDES	Selling Policy 25-000 - Distribution and Control Products and Services
WHITE PAPERS	Intelligent circuit protection yields space savings Intelligent power starts with accurate, actionable data Implementation of arc flash mitigating solutions at industrial manufacturing facilities Single and double break MCCB performance revisited Molded case and low-voltage power circuit breaker health Making a better machine Safer by design: arc energy reduction techniques Molded case and low-voltage breaker health

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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

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