

Specifications

Photo is representative

Eaton

PDG33M0400MSAN

Eaton Power Defense motor protection circuit breaker, Globally Rated, Frame 3, Three Pole, 400A, 65kA/480V, Motor protection, Standard Calibration, Adjustable, No Terminals

General specifications

PRODUCT NAME	Eaton Power Defense motor protection circuit breaker
CATALOG NUMBER	PDG33M0400MSAN
UPC	786679491188
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	UL 489 CCC Marked IEC 60947-2 CSA

Delivery program

AMPERAGE RATING	400 A
FRAME	3
NUMBER OF POLES	Three-pole

Technical data - Electrical

VOLTAGE RATING	600 Vac
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Technical data - Mechanical - Terminals

TERMINALS	No Terminals
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General information

CIRCUIT BREAKER TYPE	PD3 Global
CLASS	Class A

Technical data - Mechanical

SWITCH OFF TECHNIQUE	Thermomagnetic
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Technical information

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

Resources

3D CAD DRAWING
PACKAGE

[Eaton Power Defense
MCCB PDG33M0400MSAN
3D drawing](#)

APPLICATION NOTES

[Consulting application
guide - molded case circuit
breakers](#)

BROCHURES

[StrandAble terminals
product aid](#)

[Power Defense molded
case circuit breaker
selection poster](#)

[Power Defense brochure](#)

[Power Defense technical
selling booklet](#)

CATALOGS

[Circuit Protection, Molded
Case Circuit Breakers,
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CERTIFICATION REPORTS

[PDG3 CSA certification
100-400a](#)

[PDG3 45-400A CB report](#)

[PDG3 UL authorization
100-400a](#)

[EU Declaration of
Conformity - Power
Defense molded case
circuit breakers](#)

[PDG3 UL authorization
250-600a TMTU](#)

[PDG3 CSA certification
250-600a](#)

[PDG3B 450A-600A CB
report](#)

INSTALLATION
INSTRUCTIONS

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

[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
terminal cover assembly
instructions - IL012281EN](#)

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

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

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

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

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

[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
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
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Instructions - IL012248EN](#)

[Power Defense Frame 4
reverse feed connector kit
instructions for
PDG4X3\(2\)\(4\)TA800RE
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[Power Defense Frame 3
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[Power Defense Frame 3
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[Power Defense Frame 3
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[Power Defense Frame 3
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Instructions
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	Power Defense Frame 3 box terminal installation instructions - IL012299EN Power Defense Frame 3 trip unit replacement instructions - IL012157EN
INSTALLATION VIDEOS	Power Defense Frame 3 Handle Mech Direct Rotary Handle Animated Instructions.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 Variable Depth Rotary Handle Animated Instructions.rh Power Defense Frame 3 Shunt Trip UVR Animated Instructions.pdf.rh
MULTIMEDIA	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 Aux, Alarm, Shunt Trip, and UVR How-To Video Power Defense Frame 6 Trip Unit How-To Video Power Defense molded case circuit breakers Eaton Power Defense for superior arc flash safety Power Defense Frame 3 Variable Depth Rotary Handle Mechanism Installation How-To Video Power Defense Breakers Power Defense Frame 5 Trip Unit How-To Video

	Power Defense Frame 2 Variable Depth Rotary Handle Mechanism Installation How-To Video
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - PDG33M0400MSAN
TIME/CURRENT CURVES	Power Defense time current curves MCP Motor Circuit Protection – PD1, PD2, PD3 Power Defense time current curve Frame 3 - PD3
WHITE PAPERS	Molded case and low-voltage power circuit breaker health Intelligent power starts with accurate, actionable data Intelligent circuit protection yields space savings Making a better machine Implementation of arc flash mitigating solutions at industrial manufacturing facilities Single and double break MCCB performance revisited Molded case and low-voltage breaker health Safer by design: arc energy reduction techniques

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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Delivery program

AMPERAGE RATING	400 A
FRAME	3
NUMBER OF POLES	Three-pole

Technical data - Electrical

VOLTAGE RATING	600 Vac
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Technical data - Mechanical - Terminals

TERMINALS	No Terminals
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General information

CIRCUIT BREAKER TYPE	PD3 Global
CLASS	Class A

Technical data - Mechanical

SWITCH OFF TECHNIQUE	Thermomagnetic
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[Power Defense technical selling booklet](#)

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CERTIFICATION REPORTS [PDG3 CSA certification 100-400a](#)
[PDG3 45-400A CB report](#)
[PDG3 UL authorization 100-400a](#)
[EU Declaration of Conformity - Power Defense molded case circuit breakers](#)
[PDG3 UL authorization 250-600a TMTU](#)
[PDG3 CSA certification 250-600a](#)
[PDG3B 450A-600A CB report](#)

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[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](#)
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