

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
-----------------------	---------

Technical data - Mechanical - Terminals

TERMINALS	No Terminals
------------------	--------------

General information

CIRCUIT BREAKER TYPE	PD3 Global
CLASS	Class A

Technical data - Mechanical

SWITCH OFF TECHNIQUE	Thermomagnetic
-----------------------------	----------------

Technical information

INTERRUPT RATING	65 kAIC at 480 Vac
-------------------------	--------------------

INTERRUPT RATING RANGE22 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](#)[StrandAble terminals product aid](#)[Power Defense brochure](#)**BROCHURES**[Power Defense molded case circuit breaker selection poster](#)[Power Defense technical selling booklet](#)**CATALOGS**[Circuit Protection, Molded Case Circuit Breakers, Volume 4, Tab 2](#)[PDG3 UL authorization 100-400a](#)[PDG3 CSA certification 250-600a](#)[PDG3 45-400A CB report](#)**CERTIFICATION REPORTS**[PDG3 UL authorization 250-600a TMTU](#)[PDG3B 450A-600A CB report](#)[EU Declaration of Conformity - Power Defense molded case circuit breakers](#)[PDG3 CSA certification 100-400a](#)**INSTALLATION INSTRUCTIONS**[Power Defense Frame 3 adapter kit installation instructions LZM3 to PD3 - IL012227EN](#)[Power Defense Frame 3 screw terminal end cap kit, 400A, 3 pole - IL012262EN](#)[Power Defense Frame 3 screw terminal end cap kit 600A, 3 pole - IL012264EN](#)[Power Defense Frame 3 Aux, Alarm, ST and UVR Animated Instructions.rh](#)[Power Defense Frame 4 shunt trip UVR instructions - IL012129EN](#)[Power Defense Frame 3 plug-in adapter installation instructions - IL012311EN](#)

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

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

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

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

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

[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 reverse
feed connector kit Cat Num
PDG3X3\(2\)\(4\)TA630RF
instructions - IL012253EN](#)

[Power Defense Frame 3
terminal kit Cat Num
PDG3X3\(2\)\(4\)TA400RF
instructions - IL012251EN](#)

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

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

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

[Power Defense Frame 3 reverse
feed connector kit Cat Num
PDG3X3\(2\)\(4\)TA400HRF
instructions - IL012252EN](#)

[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 rear
connection installation
instructions - IL012300EN](#)

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

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

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

[Power Defense Frame 4 reverse feed connector kit instructions for PDG4X3\(2\)\(4\)TA800RF instructions - IL012254EN](#)

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

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

[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](#)

INSTALLATION VIDEOS

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

MULTIMEDIA

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

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

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

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

	Power Defense Frame 5 Trip Unit How-To Video Power Defense Breakers Power Defense Frame 3 Variable Depth Rotary Handle Mechanism Installation How-To Video Power Defense Frame 2 Variable Depth Rotary Handle Mechanism Installation How-To Video Power Defense molded case circuit breakers Power Defense Frame 6 Trip Unit 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	Making a better machine Implementation of arc flash mitigating solutions at industrial manufacturing facilities Intelligent circuit protection yields space savings Single and double break MCCB performance revisited Intelligent power starts with accurate, actionable data Molded case and low-voltage power circuit breaker health 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

© 2025 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.

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



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
-----------------------	---------

Technical data - Mechanical - Terminals

TERMINALS	No Terminals
------------------	--------------

General information

CIRCUIT BREAKER TYPE	PD3 Global
CLASS	Class A

Technical data - Mechanical

SWITCH OFF TECHNIQUE	Thermomagnetic
-----------------------------	----------------

Technical information

INTERRUPT RATING	65 kAIC at 480 Vac
-------------------------	--------------------

INTERRUPT RATING RANGE22 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 brochure](#)[Power Defense molded case circuit breaker selection poster](#)[Power Defense technical selling booklet](#)**CATALOGS**[Circuit Protection, Molded Case Circuit Breakers, Volume 4, Tab 2](#)**CERTIFICATION REPORTS**[PDG3 UL authorization 100-400a](#)[PDG3 CSA certification 250-600a](#)[PDG3 45-400A CB report](#)[PDG3 UL authorization 250-600a TMTU](#)[PDG3B 450A-600A CB report](#)[EU Declaration of Conformity - Power Defense molded case circuit breakers](#)[PDG3 CSA certification 100-400a](#)**INSTALLATION INSTRUCTIONS**[Power Defense Frame 3 adapter kit installation instructions LZM3 to PD3 - IL012227EN](#)[Power Defense Frame 3 screw terminal end cap kit, 400A, 3 pole - IL012262EN](#)[Power Defense Frame 3 screw terminal end cap kit 600A, 3 pole - IL012264EN](#)[Power Defense Frame 3 Aux, Alarm, ST and UVR Animated Instructions.rh](#)[Power Defense Frame 4 shunt trip UVR instructions - IL012129EN](#)[Power Defense Frame 3 plug-in adapter installation instructions - IL012311EN](#)

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

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

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

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

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

[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 reverse
feed connector kit Cat Num
PDG3X3\(2\)\(4\)TA630RF
instructions - IL012253EN](#)

[Power Defense Frame 3
terminal kit Cat Num
PDG3X3\(2\)\(4\)TA400RF
instructions - IL012251EN](#)

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

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

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

[Power Defense Frame 3 reverse
feed connector kit Cat Num
PDG3X3\(2\)\(4\)TA400HRF
instructions - IL012252EN](#)

[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 rear
connection installation
instructions - IL012300EN](#)

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

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

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

[Power Defense Frame 4 reverse feed connector kit instructions for PDG4X3\(2\)\(4\)TA800RF instructions - IL012254EN](#)

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

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

[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](#)

INSTALLATION VIDEOS

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

MULTIMEDIA

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

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

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

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

	Power Defense Frame 5 Trip Unit How-To Video Power Defense Breakers Power Defense Frame 3 Variable Depth Rotary Handle Mechanism Installation How-To Video Power Defense Frame 2 Variable Depth Rotary Handle Mechanism Installation How-To Video Power Defense molded case circuit breakers Power Defense Frame 6 Trip Unit 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	Making a better machine Implementation of arc flash mitigating solutions at industrial manufacturing facilities Intelligent circuit protection yields space savings Single and double break MCCB performance revisited Intelligent power starts with accurate, actionable data Molded case and low-voltage power circuit breaker health 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

© 2025 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.

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

