

Specifications

Photo is representative

Eaton

PDG33MH400MSAN

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

General specifications

PRODUCT NAME	Eaton Power Defense motor protection circuit breaker
CATALOG NUMBER	PDG33MH400MSAN
UPC	786679573884
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 CSA CCC Marked IEC 60947-2

Delivery program

AMPERAGE RATING	400A High Override
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	100 kAIC at 240 V (UL) 22 kAIC Icu at 250 Vdc

Resources

3D CAD DRAWING PACKAGE [Eaton Power Defense MCCB PDG33MH400MSAN 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](#)
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[PDG3 UL authorization 250-600a TMTU](#)

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

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

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

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

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

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

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

INSTALLATION INSTRUCTIONS [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 4
reverse feed connector kit
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PDG4X3\(2\)\(4\)TA800RE
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terminal spreader
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interphase barriers 3-pole
- IL012229EN H01](#)

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screw terminal end cap
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[Power Defense Frame 3
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locking devices and handle
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	<u>Power Defense Frame 3 box terminal installation instructions - IL012299EN</u> <u>Power Defense Frame 3 locking devices and handle block instructions - IL012150EN</u> <u>Power Defense Frame 3 Direct Rotary Handle Assy With Interlock Version Instructions (IL012139EN).pdf</u>
INSTALLATION VIDEOS	<u>Power Defense Frame 3 Handle Mech Variable Depth Rotary Handle Animated Instructions.rh</u> <u>Power Defense Frame 3 trip unit replacement animated instructions.rh</u> <u>Power Defense Frame 3 Locking Devices and Handle Block Animated Instructions.pdf.rh</u> <u>Power Defense Frame 3 Handle Mech Direct Rotary Handle Animated Instructions.rh</u> <u>Power Defense Frame 3 Shunt Trip UVR Animated Instructions.pdf.rh</u>
MULTIMEDIA	<u>Power Defense Frame 3 Trip Unit Installation How-To Video</u> <u>Power Defense Frame 3 Direct Rotary Handle Mechanism Installation How-To Video</u> <u>Power Defense Frame 3 Aux, Alarm, Shunt Trip, and UVR How-To Video</u> <u>Eaton Power Defense for superior arc flash safety</u> <u>Power Defense Frame 6 Trip Unit How-To Video</u> <u>Power Defense Frame 3 Variable Depth Rotary Handle Mechanism Installation How-To Video</u> <u>Power Defense molded case circuit breakers</u>

	Power Defense Frame 2 Variable Depth Rotary Handle Mechanism Installation How-To Video Power Defense Frame 5 Trip Unit How-To Video Power Defense Breakers
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - PDG33MH400MSAN
TIME/CURRENT CURVES	Power Defense time current curves MCP Motor Circuit Protection – PD1, PD2, PD3 Power Defense time current curve Frame 3 - PD3
	Intelligent circuit protection yields space savings Implementation of arc flash mitigating solutions at industrial manufacturing facilities Intelligent power starts with accurate, actionable data
WHITE PAPERS	Single and double break MCCB performance revisited Molded case and low-voltage power circuit breaker health Making a better machine 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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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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CLASS	Class A

Technical data - Mechanical

SWITCH OFF TECHNIQUE	Thermomagnetic
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