

Specifications

Photo is representative

Eaton PDG33M0400MSAJ

Eaton Power Defense motor circuit protector, Globally Rated, Frame 3 Motor Circuit Protector, Three Pole, 400A, 65kA/480V, Adjustable Instantaneous Standard Calibrations, Standard Line and Load

General specifications

PRODUCT NAME	Eaton Power Defense motor circuit protector
CATALOG NUMBER	PDG33M0400MSAJ
UPC	786679380734
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 CSA UL 489 CCC Marked
PRODUCT TYPE	Motor circuit protector

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	Standard Line and Load
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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 PDG33M0400MSAJ 3D drawing](#)

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[Power Defense brochure](#)

BROCHURES [Power Defense molded case circuit breaker selection poster](#)
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CATALOGS [Circuit Protection, Molded Case Circuit Breakers, Volume 4, Tab 2](#)

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

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

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

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

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

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

[Power Defense Frame 3
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PDG3X3\(2\)\(4\)TA4006W
and
PDG3X3\(2\)\(4\)TA4003W
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finger protection assembly
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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 Handle Mech Variable Depth Rotary Handle Animated Instructions.rh Power Defense Frame 3 Shunt Trip_UVR Animated Instructions.pdf.rh Power Defense Frame 3 Handle Mech Direct Rotary Handle Animated Instructions.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 Frame 2 Variable Depth Rotary Handle Mechanism Installation How-To Video Power Defense Frame 3 Variable Depth Rotary Handle Mechanism Installation How-To Video Power Defense Breakers

	Power Defense Frame 6 Trip Unit How-To Video Power Defense molded case circuit breakers
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - PDG33M0400MSAJ
TIME/CURRENT CURVES	Power Defense time current curve Frame 3 - PD3 Power Defense time current curves MCP Motor Circuit Protection – PD1, PD2, PD3
	Implementation of arc flash mitigating solutions at industrial manufacturing facilities Molded case and low-voltage power circuit breaker health Single and double break MCCB performance revisited
WHITE PAPERS	Intelligent circuit protection yields space savings Intelligent power starts with accurate, actionable data 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:



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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	Standard Line and Load
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CLASS	Class A

Technical data - Mechanical

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