

Specifications

Photo is representative

Eaton PDG33M0400TFAJ

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

General specifications

PRODUCT NAME	Eaton Power Defense molded case circuit breaker
CATALOG NUMBER	PDG33M0400TFAJ
UPC	786679535103
PRODUCT LENGTH/DEPTH	17 in
PRODUCT HEIGHT	7.5 in
PRODUCT WIDTH	8 in
PRODUCT WEIGHT	14.08 lb
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 CSA IEC 60947-2



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	22 kAIC Icu @250 Vdc 100 kAIC @240V (UL)

General information

CIRCUIT BREAKER TYPE	PD3 Global
CLASS	Class A
TRIP TYPE	T297

Technical data - Mechanical - Terminals

TERMINALS	Standard Line and Load
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Resources

3D CAD DRAWING PACKAGE	Eaton Power Defense MCCB PDG33M0400TFAJ 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 technical selling booklet Power Defense brochure
CATALOGS	Circuit Protection, Molded Case Circuit Breakers, Volume 4, Tab 2 PDG3B 450A-600A CB report PDG3 CSA certification 100-400a PDG3 UL authorization 100-400a
CERTIFICATION REPORTS	PDG3 45-400A CB report EU Declaration of Conformity - Power Defense molded case circuit breakers PDG3 UL authorization 250-600a TMTU PDG3 CSA certification 250-600a

INSTALLATION
INSTRUCTIONS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[Power Defense Frame 3 rear connection installation instructions - IL012300EN](#)

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

[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 shunt trip UVR instructions - IL012140EN](#)

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

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

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

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

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

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

INSTALLATION VIDEOS

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

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

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

MULTIMEDIA

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

[Power Defense Frame 3 Direct Rotary Handle Mechanism 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](#)

	<p>Power Defense molded case circuit breakers</p> <p>Power Defense Frame 2 Variable Depth Rotary Handle Mechanism Installation How-To Video</p> <p>Power Defense Breakers</p> <p>Power Defense Frame 3 Variable Depth Rotary Handle Mechanism Installation How-To Video</p> <p>Eaton Power Defense for superior arc flash safety</p> <p>Power Defense Frame 5 Trip Unit How-To Video</p>
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - PDG33M0400TFAJ
TIME/CURRENT CURVES	<p>Power Defense time current curves MCP Motor Circuit Protection – PD1, PD2, PD3</p> <p>Power Defense time current curve Frame 3 - PD3</p>
WHITE PAPERS	<p>Molded case and low-voltage power circuit breaker health</p> <p>Intelligent power starts with accurate, actionable data</p> <p>Intelligent circuit protection yields space savings</p> <p>Making a better machine</p> <p>Implementation of arc flash mitigating solutions at industrial manufacturing facilities</p> <p>Single and double break MCCB performance revisited</p> <p>Safer by design: arc energy reduction techniques</p> <p>Molded case and low-voltage breaker health</p>

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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