

Specifications

Photo is representative

Eaton

PDG33G0600FNNN

Eaton Power Defense molded case circuit breaker, globally rated, frame 3, three pole, 600 A, 35kA/480V, frame only, no terminals

General specifications

PRODUCT NAME	Eaton Power Defense molded case circuit breaker
CATALOG NUMBER	PDG33G0600FNNN
UPC	786679301487
PRODUCT LENGTH/DEPTH	109.1 mm
PRODUCT HEIGHT	180.34 mm
PRODUCT WIDTH	138.9 mm
PRODUCT WEIGHT	5.46 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 IEC 60947-2 CCC Marked CSA
PRODUCT TYPE	Molded case circuit breaker



Powering Business Worldwide

Delivery program

AMPERAGE RATING 600 A

CIRCUIT BREAKER FRAME TYPE Frame only

FRAME 3

NUMBER OF POLES Three-pole

Technical data - Electrical

VOLTAGE RATING 600 Vac

Technical information

INTERRUPT RATING 35 kAIC at 480 Vac

INTERRUPT RATING RANGE 65 kAIC @240V (UL)
10 kAIC Icu @250 Vdc

General information

CIRCUIT BREAKER TYPE PD3 Global

CLASS Class A

Technical data - Mechanical - Terminals

TERMINALS No Terminals

Resources

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

BROCHURES [StrandAble terminals product aid](#)
[Power Defense brochure](#)
[Power Defense technical selling booklet](#)
[Power Defense molded case circuit breaker selection poster](#)

CATALOGS [Circuit Protection, Molded Case Circuit Breakers, Volume 4, Tab 2](#)

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

INSTALLATION
INSTRUCTIONS

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

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

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

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

[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
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
trip unit replacement
instructions - IL012157EN](#)

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

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

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

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

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

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

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

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

[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 3
locking devices and handle
block instructions -
IL012150EN](#)

[Power Defense Frame 3
Direct Rotary Handle Assy
With Interlock Version
Instructions
\(IL012139EN\).pdf](#)

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

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

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

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

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

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

INSTALLATION VIDEOS

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

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

[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 Handle Mech Variable Depth Rotary Handle Animated Instructions.rh](#)

MULTIMEDIA

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

[Power Defense molded case circuit breakers](#)

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

[Power Defense Frame 6 Trip Unit How-To Video](#)

[Power Defense Frame 5 Trip Unit How-To Video](#)

[Power Defense Frame 2 Variable Depth Rotary Handle Mechanism Installation How-To Video](#)

[Power Defense Breakers](#)

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

SPECIFICATIONS AND DATASHEETS

[Eaton Specification Sheet - PDG33G0600FNNN](#)

TIME/CURRENT CURVES

[Power Defense time current curve Frame 3 - PD3](#)

WHITE PAPERS

[Making a better machine](#)

[Single and double break MCCB performance revisited](#)

[Molded case and low-voltage power circuit breaker health](#)

[Intelligent circuit protection yields space savings](#)

[Implementation of arc flash mitigating solutions at industrial manufacturing facilities](#)

[Intelligent power starts with accurate, actionable data](#)

[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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