

Eaton PDG33G0600B2NN

Catalog Number: PDG33G0600B2NN

Power Defense Globally Rated, Frame 3, Three Pole, 600A, 35kA/480V, PXR10 LSI TU, No Terminals

Photo is representative



General specifications

Product Name	Catalog Number
Eaton Power Defense molded case circuit breaker	PDG33G0600B2NN
	UPC
	786679213858
Product Length/Depth	Product Height
109.1 mm	257.1 mm
Product Width	Product Weight
138.9 mm	5.92 kg
Warranty	Compliances
Eaton Selling Policy 25-000, one (1) year RoHS Compliant from the date of installation of the Product or eighteen (18) months from the date of shipment of the Product, whichever occurs first.	Certifications
	CSA
	IEC 60947-2
	CCC Marked
	UL 489

Delivery program

Amperage Rating

600 A

Circuit breaker frame type

Complete breaker

Frame

3

Number of poles

Three-pole

General information

Circuit breaker type

PD3 Global

Class

Class A

Trip Type

PXR 10 LSI

Technical data - Electrical

Voltage rating

600 Vac

Voltage rating - max

600 V

Technical data - Mechanical - Terminals

Terminals

No Terminals

Technical information

Interrupt rating

35 kAIC at 480 Vac

Interrupt rating range

10 kAIC Icu @250 Vdc

65 kAIC @240V (UL)

Resources

3D CAD drawing package

[Eaton Power Defense MCCB PDG33G0600B2NN 3D drawing](#)

Application notes

[Power Xpert Protection Manager x64](#)

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

Brochures

[StrandAble terminals product aid](#)

[Power Defense molded case circuit breaker selection poster](#)

[Power Defense brochure](#)

[Power Defense technical selling booklet](#)

Catalogs

[Molded case circuit breakers catalog](#)

Power Xpert Release trip units for Power Defense molded case circuit breakers

Certification reports

PDG3 CSA certification 250-600a

EU Declaration of Conformity - Power Defense molded case circuit breakers

PDG3 UL authorization 250-600a PXR

PDG3 UL authorization 100-400a

PDG3 45-400A CB report

PDG3B 450A-600A CB report

PDG3 UL authorization 250-600a TMTU

PDG3 CSA certification 100-400a

Installation instructions

Power Defense Frame 3 shunt trip UVR instructions - IL012140EN

Power Defense Frame 3 handle mech direct rotary handle instructions - IL012111EN

Power Defense Frame 3 rear connection installation instructions - IL012300EN

Power Defense Frame 3 interphase barriers 3-pole - IL012229EN H01

Power Defense Frame 3 locking devices and handle block instructions - IL012150EN

Power Defense Frame 4 reverse feed connector kit instructions for PDG4X3(2)(4)TA800RF 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 Aux, Alarm, ST and UVR Animated Instructions.rh

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

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 Direct Rotary Handle Assy With Interlock Version Instructions (IL012139EN).pdf

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)TA400HRF instructions - IL012252EN

Power Defense Frame 3 extendable shaft rotary handle mech - IL012112EN

Power Defense Frame 4 locking devices and handle block instructions -
IL012151EN

Power Defense Frame 3 reverse feed connector kit Cat Num
PDG3X3(2)(4)TA630RF instructions - IL012253EN

Power Defense Frame 3 interphase barrier - IL012229EN H03

Power Defense Frame 3 finger protection assembly installation
instructions - IL012279EN

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)TA400RF
instructions - IL012251EN

Power Defense Frame 3 terminal cover assembly instructions -
IL012281EN

Power Defense Frame 3 plug-in adapter installation instructions -
IL012311EN

Power Defense Frame 3 Breaker Instructions (IL012107EN).pdf

Power Defense Frame 4 shunt trip UVR instructions - IL012129EN

Power Defense Frame 2/3/4/5/6 voltage neutral sensor module wiring
instructions – IL012316EN

Power Defense Frame 3 adapter kit installation instructions LZM3 to PD3
- IL012227EN

Power Defense Frame 3 box terminal installation instructions -
IL012299EN

Power Defense Frame 3 trip unit replacement instructions - IL012157EN

Installation videos

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

Power Defense Frame 3 Locking Devices and Handle Block Animated
Instructions.pdf.rh

Power Defense Frame 3 trip unit replacement animated instructions.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 Direct Rotary Handle Mechanism Installation
How-To Video

Power Defense Frame 3 Trip Unit Installation How-To Video

Eaton Power Defense for superior arc flash safety

Power Defense molded case circuit breakers

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 Frame 3 Variable Depth Rotary Handle Mechanism](#)

[Installation How-To Video](#)

[Power Defense Breakers](#)

[Specifications and datasheets](#)

[Eaton Specification Sheet - PDG33G0600B2NN](#)

[Time/current curves](#)

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

[Warranty guides](#)

[Selling Policy 25-000 - Distribution and Control Products and Services](#)

[White papers](#)

[Intelligent circuit protection yields space savings](#)

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

[Making a better machine](#)

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

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

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

[Safer by design: arc energy reduction techniques](#)

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



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