

Eaton PDG32K0600P2YN

Catalog Number: PDG32K0600P2YN

Eaton Power Defense molded case circuit breaker, Globally Rated, Frame 3, Two Pole, 600A, 50kA/480V, PXR25 LSI w/ Modbus RTU, CAM Link, ZSI and Relays, No Terminals

Delivery program

Amperage Rating

600 A

Frame

3

Circuit breaker frame type

Complete breaker

Number of poles

Two-pole

General information

Circuit breaker type

PD3 Global

Class

Class A

Trip Type

PXR 25 LSI

Other

Communication

Modbus RTU and CAM Link

Technical data - Electrical

Voltage rating

600 Vac

Voltage rating - max

600 V

Technical data - Mechanical - Terminals

Terminals

No Terminals

Technical information

Interrupt rating

50 kAIC at 480 Vac

Interrupt rating range

85 kAIC @240V (UL)

10 kAIC Icu @250 Vdc

Resources

3D CAD drawing package

[Eaton Power Defense MCCB PDG32K0600P2YN 3D drawing](#)

Application notes

[Power Xpert Protection Manager x64](#)

[Power Xpert Protection Manager x32](#)

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

Brochures

[StrandAble terminals product aid](#)

[Power Defense brochure](#)

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

[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

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

breakers

PDG3 45-400A CB report

PDG3 UL authorization 100-400a

PDG3 CSA certification 250-600a

PDG3 CSA certification 100-400a

PDG3B 450A-600A CB report

PDG3 UL authorization 250-600a TMTU

Installation instructions

Power Defense Frame 1-2-3-4 IP door barrier assembly instructions -
IL012278EN

Power Defense Frame 3 interphase barrier - IL012229EN H03

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

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

Power Defense Frame 3 terminal spreader assembly instructions -
IL012301EN

Power Defense Frame 3 Breaker Instructions (IL012107EN).pdf

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

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

Power Defense Frame 3 finger protection assembly installation
instructions - IL012279EN

Power Defense Frame 3 extendable shaft rotary handle mech -
IL012112EN

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

Power Defense Frame 3 terminal kit Cat Num PDG3X3(2)(4)TA400RF
instructions - IL012251EN

Power Defense Frame 3 shunt trip UVR instructions - IL012140EN

Power Defense Frame 3 trip unit replacement instructions - IL012157EN

Power Defense Frame 3 rear connection installation instructions -
IL012300EN

Power Defense Frame 3 box terminal installation instructions -
IL012299EN

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

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

Power Defense Frame 4 reverse feed connector kit instructions for

[PDG4X3\(2\)\(4\)TA800RF instructions - IL012254EN](#)

[Power Defense Frame 3 reverse feed connector kit Cat Num](#)

[PDG3X3\(2\)\(4\)TA400HRF instructions - IL012252EN](#)

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

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

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

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

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

[Power Defense Frame 3 multi-tap terminal kit Cat Num](#)

[PDG3X3\(2\)\(4\)TA6006W Instructions - IL012248EN](#)

[Installation videos](#)

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

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

[Power Defense Frame 3 Handle Mech Variable Depth 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](#)

[Multimedia](#)

[Power Defense Frame 3 Aux, Alarm, Shunt Trip, and UVR How-To Video](#)

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

[Power Defense Breakers](#)

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

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

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

[Power Defense molded case circuit breakers](#)

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

[Specifications and datasheets](#)

[Eaton Specification Sheet - PDG32K0600P2YN](#)

[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](#)

Making a better machine

Intelligent circuit protection yields space savings

Molded case and low-voltage power circuit breaker health

Intelligent power starts with accurate, actionable data

Single and double break MCCB performance revisited

Implementation of arc flash mitigating solutions at industrial manufacturing facilities

Molded case and low-voltage breaker health

Safer by design: arc energy reduction techniques



Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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