

Eaton PDG33F0600P4DJ

Catalog Number: PDG33F0600P4DJ

Power Defense Globally Rated, Frame 3, Three Pole, 600A, 25kA/480V, PXR25 ARMS LSI w/ Modbus RTU, CAM Link and Relays, Std Line Load Term (PDG3X3TA630)

General specifications

Product Name	Catalog Number
Eaton Power Defense molded case circuit breaker	PDG33F0600P4DJ
	UPC
	786679538142
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
	CCC Marked CSA IEC 60947-2 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 25 LSI w/ARMS

Other

Communication

Modbus RTU and CAM Link

Technical data - Electrical

Voltage rating

600 Vac

Voltage rating - max

600 V

Technical data - Mechanical - Terminals

Terminals

Standard Line and Load

Technical information

Interrupt rating

25 kAIC at 480 Vac

Interrupt rating range

10 kAIC Icu @250 Vdc

35 kAIC @240V (UL)

Resources

3D CAD drawing package

[Eaton Power Defense MCCB PDG33F0600P4DJ 3D drawing](#)

Application notes

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

[Power Xpert Protection Manager x64](#)

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](#)

Certification reports

[PDG3 CSA certification 100-400a](#)

[PDG3 45-400A CB report](#)

[PDG3 UL authorization 250-600a TMTU](#)

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

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

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

[PDG3 CSA certification 250-600a](#)

[PDG3 UL authorization 250-600a PXR](#)

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 finger protection assembly installation instructions - IL012279EN](#)

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

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

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

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

[Power Defense Frame 3 shunt trip UVR instructions - IL012140EN](#)

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

[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 reverse feed connector kit Cat Num PDG3X3\(2\)\(4\)TA400HRF instructions - IL012252EN](#)

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

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

Power Defense Frame 3 trip unit replacement instructions - IL012157EN

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

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

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

Power Defense Frame 3 Breaker Instructions (IL012107EN).pdf

Power Defense Frame 3 terminal spreader assembly instructions -
IL012301EN

Power Defense Frame 3 screw terminal end cap kit 600A, 3 pole -
IL012264EN

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

Power Defense Frame 4 reverse feed connector kit instructions for
PDG4X3(2)(4)TA800RF instructions - IL012254EN

Power Defense Frame 3 extendable shaft rotary handle mech -
IL012112EN

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

Installation videos

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 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 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

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](#)

[Power Defense Breakers](#)

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

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

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

[Specifications and datasheets](#)

[Eaton Specification Sheet - PDG33F0600P4DJ](#)

[Time/current curves](#)

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

[User guides](#)

[Power Xpert Release trip units for Power Defense molded case circuit breakers](#)

[White papers](#)

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

[Intelligent circuit protection yields space savings](#)

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

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

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

[Making a better machine](#)

[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

© 2023 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.



Eaton.com/socialmedia