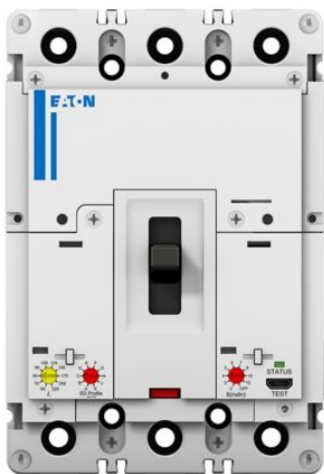


Eaton PDG23M0060B8NJ

Catalog Number: PDG23M0060B8NJ

Power Defense Globally Rated, Frame 2, Three Pole, 60A, 65kA/480V, PXR10 LSI Motor Protection, Standard Line and Load (PDG2X3T100)



General specifications

Product Name	Catalog Number
Eaton Power Defense molded case circuit breaker	PDG23M0060B8NJ
	UPC
	786679301319
Product Length/Depth	Product Height
88.9 mm	152.4 mm
Product Width	Product Weight
104.6 mm	1.82 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
	UL 489
	CSA
	IEC 60947-2

Delivery program

Amperage Rating

60 A

Circuit breaker frame type

Complete breaker

Frame

2

Number of poles

Three-pole

General information

Circuit breaker type

PD2 Global

Class

Class A

Trip Type

PXR 10 Motor Protection LSI

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

65 kAIC at 480 Vac

Interrupt rating range

100 kAIC @240V (UL)

22 kAIC Icu @125 Vdc

30/25 kAIC Icu/ 15/13 kAIC Ics @525V South Africa (IEC)

50 kAIC Icu/ 30 kAIC Ics/ 105 kAIC Icm @480V Brazil (IEC)

35 kAIC @600V (UL/CSA)

100 kAIC Icu/ 100 kAIC Ics/ 220 kAIC Icm @240V (IEC)

22 kAIC Icu @250 Vdc

50 kAIC Icu/ 40 kAIC Ics/ 105 kAIC Icm @440V (IEC)

70 kAIC Icu/ 53 kAIC Ics/ 154 kAIC Icm @380-415V (IEC)

10 kAIC Icu/ 5 kAIC Ics/ 21 kAIC Icm @690V (IEC)

65 kAIC @480V (UL)

Resources

3D CAD drawing package

[Eaton Power Defense MCCB PDG23M0060B8NJ 3D drawing](#)

Application notes

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

[Power Xpert Protection Manager x32](#)

[Power Xpert Protection Manager x64](#)

Brochures

[Power Defense technical selling booklet](#)

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

[Power Defense brochure](#)

[Power Defense molded case circuit breakers - Frame 2 product aid](#)

Catalogs

[Molded case circuit breakers catalog](#)

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

Certification reports

[PDG4 CB report](#)

[PDG4 CCC certification](#)

[Power Defense Declaration concerning California's Proposition 65](#)

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

[PDG2 CB report](#)

Installation instructions

[Power Defense Frame 2 tunnel terminal \(aluminum\), 50A, 3 pole instructions - IL012236EN H03](#)

[Power Defense Frame 2 Bell Alarm Switch Instructions \(IL012154EN\).pdf](#)

[Power Defense Frame 2 bell alarm switch instructions - IL012154EN](#)

[Power Defense Frame 2 tunnel terminal \(aluminum\), 100A, 3 pole instructions - IL012237EN H03](#)

[Power Defense Frame 2 terminal kit - PDG2X3\(2\)\(4\)TA150RF instructions - IL012244EN H01](#)

[Power Defense Frame 1 IEC and Frame 2 Rotary Mechanism with NFPA Handle Attachment Instructions \(IL012260EN\).pdf](#)

[Power Defense Frame 2 motor circuit protector \(HMCP\) - IL012326EN](#)

[Power Defense Frame 2 multi wire connector kit - PDG2X3\(2\)\(4\)TA2256W instructions - IL012242EN H01](#)

[Power Defense Frame 2 handle mech direct rotary handle instructions - IL012134EN](#)

[Power Defense Frame 2 box terminal \(steel\), 100A, 3 pole instructions - IL012234EN H03](#)

[Power Defense Frame 2 multi wire connector kit - PDG2X3\(2\)\(4\)TA2253W instructions - IL012243EN H01](#)

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

[Power Defense Frame 2 handle mech variable depth rotary handle instructions - IL012136EN](#)

Power Defense Frame 2 box terminal (aluminum), 225A, 3 pole
instructions - IL012235EN H03

Power Defense Frame 2 PDG2 and PDC(E)9 breaker instructions -
IL012106EN

Power Defense Frame 2 Direct Rotary Handle Assy With Interlock
Version Instructions (IL012138EN).pdf

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

Power Defense Frame 2 shunt trip UVR instructions - IL012130EN

Power Defense Frame 2 terminal kit - PDG2X3(2)(4)TA225RF
instructions - IL012245EN H01

Power Defense Frame 2 screw terminal_end cap kit, 225A, 3 pole
instructions - IL012258EN H01

Power Defense Frame 2 tunnel terminal kits - PDG2X1TA225K
instructions- IL012239EN H01

Power Defense Frame 2 global terminal shield, 3 pole - IL012330EN

Power Defense Frame 2 locking devices and handle block instructions -
IL012149EN

Power Defense Frame 2 tunnel terminal (aluminum), 150A, 3 pole
instructions - IL012238EN H03

Power Defense Frame 2 clamp terminal (steel), 20A, 3 pole instructions
- IL012246EN H03

Installation videos

Power Defense Frame 2 Handle Mech Variable Depth Rotary Handle
Animated Instructions.rh

Power Defense Frame 2 withTMTU, Shunt Trip_UVR Animated
Instructions.rh

Power Defense Frame 2 Bell Alarm with PXR Animated
Instructions.pdf.rh

Power Defense Frame 2 Locking Devices and Handle Block Animated
Instructions.pdf.rh

Power Defense Frame 2 TMTU Aux, Alarm, ST and UVR Animated
Instructions.rh

Multimedia

Power Defense Frame 3 Variable Depth Rotary Handle Mechanism
Installation How-To Video

Power Defense Frame 2 Variable Depth Rotary Handle Mechanism
Installation How-To Video

Power Defense Frame 2 Aux, Alarm, Shunt Trip, and UVR How-To
Video

Power Defense Frame 2 Direct Rotary Handle Mechanism Installation
How-To Video

Power Defense Frame 6 Trip Unit How-To Video

[Power Defense molded case circuit breakers](#)

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

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

[Power Defense Breakers](#)

[Specifications and datasheets](#)

[Eaton Specification Sheet - PDG23M0060B8NJ](#)

[Time/current curves](#)

[Power Defense time current curves MCP Motor Circuit Protection – PD1, PD2, PD3](#)

[Power Defense time current curve Frame 2 - PD2](#)

[White papers](#)

[Intelligent circuit protection yields space savings](#)

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

[Making a better machine](#)

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

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

[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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