

Eaton PDG44K0800E4CN

Catalog Number: PDG44K0800E4CN

Eaton Power Defense molded case circuit breaker, Globally Rated, Frame 4, Four Pole (100% N), 800A, 50kA/480V, PXR20 ARMS LSI w/ CAM Link and Relays, No Terminals

General specifications

Product Name	Catalog Number
Eaton Power Defense molded case circuit breaker	PDG44K0800E4CN
	UPC
	786679459805
Product Length/Depth	Product Height
111.2 mm	406.4 mm
Product Width	Product Weight
279.4 mm	18.088 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
	IEC 60947-2
	CSA
	CCC Marked
	UL 489



Delivery program

Amperage Rating

800 A

Circuit breaker frame type

Complete breaker

Frame

4

Number of poles

Four-pole (100% N)

General information

Circuit breaker type

PD4 Global

Class

Class A

Trip Type

PXR 20 LSI w/ARMS

Other

Communication

CAM Link

Technical data - Electrical

Voltage rating

600 Vac

Voltage rating - max

600 V

Technical data - Mechanical

Protection

100% neutral protection

Technical data - Mechanical - Terminals

Terminals

No Terminals

Technical information

Interrupt rating

50 kAIC at 480 Vac

Interrupt rating range

25 kAIC Icu/ 20 kAIC Ics/ 52.5 kAIC Icm @525V South Africa (IEC)

22 kAIC Icu @250 Vdc

50 kAIC @480V (UL)

35 kAIC Icu/ 35 kAIC Ics/ 73.5 kAIC Icm @440V (IEC)

85 kAIC Icu/ 85 kAIC Ics/ 187 kAIC Icm @240V (IEC)

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

85 kAIC @240V (UL)

50 kAIC Icu/ 50 kAIC Ics/ 105 kAIC Icm @380-415V (IEC)

25 kAIC @600V (UL/CSA)

35 kAIC Icu/ 22.5 kAIC Ics/ 73.5 kAIC Icm @480V Brazil (IEC)

Trip rating

Resources

3D CAD drawing package

[Eaton Power Defense MCCB PDG44K0800E4CN 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 molded case circuit breaker selection poster](#)

[Power Defense brochure](#)

[Power Defense technical selling booklet](#)

[Power Defense molded case circuit breakers - Frame 4 product aid](#)

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](#)

[PDG4 CCC certification](#)

[PDG4 CB report](#)

[PDG4 UL authorization PXR](#)

[PDG4 UL authorization TMTU](#)

[PDG4 CSA certification](#)

Installation instructions

[Power Defense Frame 4_5_6 high performance flex shaft handle mech assembly instructions - IL012296EN](#)

[Power Defense Frame 4 breaker instructions - IL012108EN](#)

[Power Defense Frame 4 Breaker Instructions \(IL012108EN\).pdf](#)

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

[Power Defense Frame 4 adapter kit installation LzM4 to PD4 - IL012228EN](#)

[Power Defense Frame 4 interphase barrier 4 pole – IL012321EN](#)

[Power Defense Frame 4 trip unit replacement instructions - IL012158EN](#)

[Power Defense Frame 4 handle mech variable depth rotary handle instructions - IL012135EN](#)

[Power Defense Frame 4 handle mech direct rotary handle instructions - IL012133EN](#)

[Power Defense Frame 4_5 flex shaft handle mech assembly instructions - IL012284EN](#)

[Power Defense Frame 2/3/4/5/6 voltage neutral sensor module wiring instructions – IL012316EN](#)

Installation videos

[Power Defense Frame 4 Handle Mech Variable Depth Rotary Handle Animated Instructions.rh](#)

[Power Defense Frame 4 Handle Mech Direct Rotary Handle Animated Instructions.rh](#)

[Power Defense Frame 4 Shunt Trip_UVR Animated Instructions.rh](#)

[Power Defense Frame 4 Trip Unit Replacement Animated Instructions.rh](#)

[Power Defense Frame 4 Variable Depth Rotary Handle Mechanism How-To Video](#)

[Power Defense Frame 4 Locking Devices and Handle Block Animated Instructions.pdf.rh](#)

[Power Defense Frame 4 Aux, Alarm, ST and UVR Animated Instructions.rh](#)

Multimedia

[Power Defense Frame 4 Trip Unit Installation How-To Video](#)

[Power Defense Frame 4 Direct Rotary Handle Mechanism Installation How-To Video](#)

[Power Defense Frame 4 Aux, Alarm, Shunt Trip, and UVR How-To Video](#)

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

[Power Defense molded case circuit breakers](#)

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

[Power Defense Breakers](#)

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

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

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

Specifications and datasheets

[Eaton Specification Sheet - PDG44K0800E4CN](#)

Time/current curves

[Power Defense time current curve Frame 4 - PD4](#)

White papers

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

[Making a better machine](#)

[Intelligent circuit protection yields space savings](#)

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

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

[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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