

Eaton PDF43M0800B2NJ

Catalog Number: PDF43M0800B2NJ

Eaton Power Defense molded case circuit breaker, Globally Rated 100% UL, Frame 4, Three Pole, 800A, 65kA/480V, PXR10 LSI TU, Standard Line and Load (PDG4X3TA800)

General specifications

Product Name	Catalog Number
Eaton Power Defense molded case circuit breaker	PDF43M0800B2NJ
	UPC
	786679445402
Product Length/Depth	Product Height
111.2 mm	406.4 mm
Product Width	Product Weight
209.6 mm	13.6 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
	IEC 60947-2



Delivery program

Amperage Rating

800 A

Circuit breaker frame type

Complete breaker

Frame

4

Number of poles

Three-pole

General information

Circuit breaker type

PD4 Global (100% UL)

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

Standard Line and Load

Technical information

Interrupt rating

65 kAIC at 480 Vac

Interrupt rating range

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

25 kAIC Icu @250 Vdc

35 kAIC @600V (UL/CSA)

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

65 kAIC @480V (UL)

15 kAIC Icu/ 7.5 kAIC Ics/ 31.5 kAIC Icm @690V (IEC)

100 kAIC @240V (UL)

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

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

30 kAIC Icu/ 25 kAIC Ics/ 63 kAIC Icm @525V South Africa (IEC)

Resources

3D CAD drawing package

[Eaton Power Defense MCCB PDF43M0800B2NJ 3D drawing](#)

Application notes

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

[Power Xpert Protection Manager x64](#)

[Power Xpert Protection Manager x32](#)

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

[PDG4 CCC certification](#)

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

Installation instructions

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

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

Multimedia

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

[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](#)

[Power Defense Frame 2 Variable Depth Rotary Handle Mechanism](#)

[Installation How-To Video](#)

[Power Defense molded case circuit breakers](#)

[Power Defense Breakers](#)

Specifications and datasheets

[Eaton Specification Sheet - PDF43M0800B2NJ](#)

Time/current curves

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

White papers

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

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

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



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