

Eaton PDF34K0125E4CN

Catalog Number: PDF34K0125E4CN

Power Defense Globally Rated 100% UL, Frame 3, Four Pole, 125A, 50kA/480V, PXR20 ARMS LSI w/ CAM Link and Relays, No Terminals

Photo is representative

General specifications

Product Name	Catalog Number
Eaton Power Defense molded case circuit breaker	PDF34K0125E4CN
	UPC
	786679493533
Product Length/Depth	Product Height
109.1 mm	257.1 mm
Product Width	Product Weight
182.9 mm	7.68 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
	CCC Marked



Delivery program

Amperage Rating

125 A

Circuit breaker frame type

Complete breaker

Frame

3

Number of poles

Four-pole (100% N)

General information

Circuit breaker type

PD3 Global (100% UL)

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

10 kAIC Icu/ 5 kAIC Ics/ 21 kAIC Icm @690V (IEC)
35 kAIC Icu/ 22.5 kAIC Ics/ 73.5 kAIC Icm @480V Brazil (IEC)
50 kAIC @480V (UL)
25 kAIC @600V (UL/CSA)
35 kAIC Icu/ 35 kAIC Ics/ 73.5 kAIC Icm @440V (IEC)
85 kAIC @240V (UL)
10 kAIC Icu @250 Vdc
25 kAIC Icu/ 10 kAIC Ics/ 52.5 kAIC Icm @525V South Africa (IEC)
50 kAIC Icu/ 50 kAIC Ics/ 105 kAIC Icm @380-415V (IEC)
85 kAIC Icu/ 85 kAIC Ics/ 187 kAIC Icm @240V (IEC)

Trip rating

Resources

3D CAD drawing package

[Eaton Power Defense MCCB PDF34K0125E4CN 3D drawing](#)

Application notes

[Power Xpert Protection Manager x64](#)

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

Brochures

[StrandAble terminals product aid](#)

[Power Defense brochure](#)

[Power Defense technical selling booklet](#)

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

Catalogs

[Molded case circuit breakers catalog](#)

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

[breakers](#)

[Certification reports](#)

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

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

[Installation instructions](#)

[Power Defense Frame 3 Breaker Instructions \(IL012107EN\).pdf](#)

[Multimedia](#)

[Power Defense molded case circuit 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 2 Variable Depth Rotary Handle Mechanism](#)

[Installation How-To Video](#)

[Power Defense Breakers](#)

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

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

[Specifications and datasheets](#)

[Eaton Specification Sheet - PDF34K0125E4CN](#)

[Time/current curves](#)

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

[White papers](#)

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

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

[Intelligent circuit protection yields space savings](#)

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

[Making a better machine](#)

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

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



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