

Eaton PDF34M0125P4YJ

Catalog Number: PDF34M0125P4YJ

Power Defense Globally Rated 100% UL, Frame 3, Four Pole, 125A, 65kA/480V, PXR25 ARMS LSI w/ Modbus RTU, CAM Link, ZSI and Relays, Std Line Load Term (PDG3X4TA300)

Photo is representative



General specifications

Product Name	Catalog Number
Eaton Power Defense molded case circuit breaker	PDF34M0125P4YJ
	UPC
	786679444320
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
	CCC Marked
	IEC 60947-2

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 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

Protection

100% neutral protection

Technical data - Mechanical - Terminals

Terminals

Standard Line and Load

Technical information

Interrupt rating

65 kAIC at 480 Vac

Interrupt rating range

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

30 kAIC Icu/ 15 kAIC Ics/ 63 kAIC Icm @525V South Africa (IEC)

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

35 kAIC @600V (UL/CSA)

100 kAIC @240V (UL)

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

65 kAIC @480V (UL)

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

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

22 kAIC Icu @250 Vdc

Resources

3D CAD drawing package

[Eaton Power Defense MCCB PDF34M0125P4YJ 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 brochure](#)

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

[Power Defense technical selling booklet](#)

Catalogs

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

breakers

Molded case circuit breakers catalog

Certification reports

PDG3 UL authorization 250-600a TMTU

PDG3 UL authorization 100-400a

Installation instructions

Power Defense Frame 3 Breaker Instructions (IL012107EN).pdf

Multimedia

Power Defense Frame 5 Trip Unit How-To Video

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

Power Defense Frame 6 Trip Unit How-To Video

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 molded case circuit breakers

Specifications and datasheets

Eaton Specification Sheet - PDF34M0125P4YJ

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

Making a better machine

Molded case and low-voltage power circuit breaker health

Safer by design: arc energy reduction techniques

Molded case and low-voltage breaker health



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