

Eaton PDF34M0250E5XK

Catalog Number: PDF34M0250E5XK

Power Defense Globally Rated 100% UL, Frame 3, Four Pole, 250A, 65kA/480V, PXR20 ARMS LSIG w/ CAM Link, ZSI and Relays, Std Term Line Only (PDG3X4TA350)

Photo is representative



General specifications

Product Name	Catalog Number
Eaton Power Defense molded case circuit breaker	PDF34M0250E5XK
	UPC
	786679937020
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

250 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 LSIG 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

Standard Terminals Line Only

Technical information

Interrupt rating

65 kAIC at 480 Vac

Interrupt rating range

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)

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

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

65 kAIC @480V (UL)

22 kAIC Icu @250 Vdc

35 kAIC @600V (UL/CSA)

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

100 kAIC @240V (UL)

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

Trip rating

Resources

3D CAD drawing package

[Eaton Power Defense PDF34M0250E5XK 3D drawing](#)

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](#)

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 6 Trip Unit How-To Video](#)

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

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

[Power Defense molded case circuit breakers](#)

[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](#)

Specifications and datasheets

[Eaton Specification Sheet - PDF34M0250E5XK](#)

Time/current curves

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

White papers

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

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

[Intelligent circuit protection yields space savings](#)

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

[Making a better machine](#)

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

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