

Eaton PDF34FH250TFAJ

Catalog Number: PDF34FH250TFAJ

Power Defense Globally Rated 100% UL, Frame 3, Four Pole, 250A-High, 25kA/480V, T-M (Fxd-Adj) TU, Std Line Load Term (PDG3X4TA401H)

Photo is representative



General specifications

Product Name	Catalog Number
Eaton Power Defense molded case circuit breaker	PDF34FH250TFAJ
	UPC
	786679498972
Product Length/Depth	Product Height
109.1 mm	257.1 mm
Product Width	Product Weight
182.9 mm	7.39 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

250A High Override

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

T-M (Fxd-Adj) TU

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

25 kAIC at 480 Vac

Interrupt rating range

25 kAIC Icu/ 20 kAIC Ics/ 52.5 kAIC Icm @440V (IEC)

14 kAIC @600V (UL/CSA)

18 kAIC Icu/ 5 kAIC Ics/ 37.8 kAIC Icm @525V South Africa (IEC)

25 kAIC @480V (UL)

25 kAIC Icu/ 25 kAIC Ics/ 52.5 kAIC Icm @380-415V (IEC)

20 kAIC Icu/ 20 kAIC Ics/ 42 kAIC Icm @480V Brazil (IEC)

10 kAIC Icu @250 Vdc

35 kAIC Icu/ 35 kAIC Ics/ 73.5 kAIC Icm @240V (IEC)

35 kAIC @240V (UL)

Resources

3D CAD drawing package

Eaton Power Defense PDF34FH250TFAJ 3D drawing

Application notes

Consulting application guide - molded case circuit breakers

Brochures

StrandAble terminals product aid

Power Defense technical selling booklet

Power Defense molded case circuit breaker selection poster

Power Defense brochure

Catalogs

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

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

[Power Defense Breakers](#)

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

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

[Power Defense molded case circuit breakers](#)

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

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

Specifications and datasheets

[Eaton Specification Sheet - PDF34FH250TFAJ](#)

Time/current curves

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

Warranty guides

[Selling Policy 25-000 - Distribution and Control Products and Services](#)

White papers

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

[Making a better machine](#)

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

[Intelligent circuit protection yields space savings](#)

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

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

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



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