

Eaton PDF33MH300TFAL

Catalog Number: PDF33MH300TFAL

Power Defense Globally Rated 100% UL, Frame 3, Three Pole, 300A-High, 65kA/480V, T-M (Fxd-Adj) TU, Std Term Load Only (PDG3X3TA401H)

Photo is representative

General specifications

Product Name	Catalog Number
Eaton Power Defense molded case circuit breaker	PDF33MH300TFAL
	UPC
	786679977811
Product Length/Depth	Product Height
109.1 mm	257.1 mm
Product Width	Product Weight
138.9 mm	5.61 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

300A High Override

Circuit breaker frame type

Complete breaker

Frame

3

Number of poles

Three-pole

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 - Terminals

Terminals

Standard Terminals Load Only

Technical information

Interrupt rating

65 kAIC at 480 Vac

Interrupt rating range

65 kAIC @480V (UL)

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

35 kAIC @600V (UL/CSA)

22 kAIC Icu @250 Vdc

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

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)

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

100 kAIC @240V (UL)

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

Resources

3D CAD drawing package

[Eaton Power Defense PDF33MH300TFAL 3D drawing](#)

Brochures

[StrandAble terminals product aid](#)

[Power Defense technical selling booklet](#)

[Power Defense brochure](#)

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

Certification reports

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

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

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

[Power Defense Breakers](#)

[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](#)

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

[Power Defense molded case circuit breakers](#)

Specifications and datasheets

[Eaton Specification Sheet - PDF33MH300TFAL](#)

Time/current curves

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

White papers

[Making a better machine](#)

[Intelligent circuit protection yields space savings](#)

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

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

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

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

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



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