

Eaton PDF36GH300TFAL

Catalog Number: PDF36GH300TFAL

Power Defense Globally Rated 100% UL, Frame 3, Four Pole (60% N), 300A-High, 35kA/480V, T-M (Fxd-Adj) TU, Std Term Load Only (PDG3X4TA401H)

Photo is representative



General specifications

Product Name	Catalog Number
Eaton Power Defense molded case circuit breaker	PDF36GH300TFAL
	UPC
	786679972922
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
	IEC 60947-2
	CCC Marked

Delivery program

Amperage Rating

300A High Override

Circuit breaker frame type

Complete breaker

Frame

3

Number of poles

Four-pole (60% 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

60% neutral protection

Technical data - Mechanical - Terminals

Terminals

Standard Terminals Load Only

Technical information

Interrupt rating

35 kAIC at 480 Vac

Interrupt rating range

30 kAIC Icu/ 22.5 kAIC Ics/ 63 kAIC Icm @440V (IEC)

65 kAIC @240V (UL)

25 kAIC Icu/ 20 kAIC Ics/ 52.5 kAIC Icm @480V Brazil (IEC)

10 kAIC Icu @250 Vdc

18 kAIC @600V (UL/CSA)

36 kAIC Icu/ 36 kAIC Ics/ 75.6 kAIC Icm @380-415V (IEC)

20 kAIC Icu/ 7.5 kAIC Ics/ 42 kAIC Icm @525V South Africa (IEC)

35 kAIC @480V (UL)

55 kAIC Icu/ 55 kAIC Ics/ 121 kAIC Icm @240V (IEC)

8 kAIC Icu/ 4 kAIC Ics/ 16.8 kAIC Icm @690V (IEC)

Resources

3D CAD drawing package

[Eaton Power Defense PDF36GH300TFAL 3D drawing](#)

Brochures

[StrandAble terminals product aid](#)

[Power Defense brochure](#)

[Power Defense technical selling booklet](#)

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

Certification reports

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

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

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 5 Trip Unit How-To Video](#)

[Power Defense Frame 2 Variable Depth Rotary Handle Mechanism
Installation 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 6 Trip Unit How-To Video](#)

Specifications and datasheets

[Eaton Specification Sheet - PDF36GH300TFAL](#)

Time/current curves

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

White papers

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

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



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