

Eaton PDG43G0700TFAN

Catalog Number: PDG43G0700TFAN

Eaton Power Defense molded case circuit breaker, Globally Rated, Frame 4, Three Pole, 700A, 35kA/480V, T-M (Fxd-Adj) TU, No Terminals

General specifications

Product Name	Catalog Number
Eaton Power Defense molded case circuit breaker	PDG43G0700TFAN
	UPC
	786679401163
Product Length/Depth	Product Height
111.2 mm	406.4 mm
Product Width	Product Weight
209.6 mm	13.2 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
	CSA
	UL 489
	IEC 60947-2



Delivery program

Amperage Rating

700 A

Circuit breaker frame type

Complete breaker

Frame

4

Number of poles

Three-pole

General information

Circuit breaker type

PD4 Global

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

No Terminals

Technical information

Interrupt rating

35 kAIC at 480 Vac

Interrupt rating range

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

18 kAIC @600V (UL/CSA)

35 kAIC @480V (UL)

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

65 kAIC @240V (UL)

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

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

20 kAIC Icu/ 16.5 kAIC Ics/ 42 kAIC Icm @525V South Africa (IEC)

22 kAIC Icu @250 Vdc

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

Resources

3D CAD drawing package

[Eaton Power Defense MCCB PDG43G0700TFAN 3D drawing](#)

Application notes

[Consulting application guide - molded case circuit breakers](#)

Brochures

[StrandAble terminals product aid](#)

[Power Defense brochure](#)

[Power Defense technical selling booklet](#)

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

[Power Defense molded case circuit breakers - Frame 4 product aid](#)

Catalogs

[Molded case circuit breakers catalog](#)

Certification reports

[PDG4 CSA certification](#)

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

[PDG4 CB report](#)

[PDG4 CCC certification](#)

[EU Declaration of Conformity - Power Defense molded case circuit breakers](#)

[PDG4 UL authorization PXR](#)

[PDG4 UL authorization TMTU](#)

Installation instructions

[Power Defense Frame 1-2-3-4 IP door barrier assembly instructions - IL012278EN](#)

[Power Defense Frame 4 handle mech variable depth rotary handle instructions - IL012135EN](#)

[Power Defense Frame 4_5 flex shaft handle mech assembly instructions - IL012284EN](#)

[Power Defense Frame 4 adapter kit installation LXM4 to PD4 - IL012228EN](#)

[Power Defense Frame 4 trip unit replacement instructions - IL012158EN](#)

[Power Defense Frame 4 Breaker Instructions \(IL012108EN\).pdf](#)

[Power Defense Frame 4_5_6 high performance flex shaft handle mech assembly instructions - IL012296EN](#)

[Power Defense Frame 4 breaker instructions - IL012108EN](#)

[Power Defense Frame 4 handle mech direct rotary handle instructions - IL012133EN](#)

[Power Defense Frame 2/3/4/5/6 voltage neutral sensor module wiring instructions – IL012316EN](#)

[Power Defense Frame 4 interphase barrier 3 pole – IL012321EN](#)

Installation videos

[Power Defense Frame 4 Locking Devices and Handle Block Animated Instructions.pdf.rh](#)

[Power Defense Frame 4 Shunt Trip_UVR Animated Instructions.rh](#)

[Power Defense Frame 4 Aux, Alarm, ST and UVR Animated Instructions.rh](#)

[Power Defense Frame 4 Handle Mech Variable Depth Rotary Handle Animated Instructions.rh](#)

[Power Defense Frame 4 Trip Unit Replacement Animated Instructions.rh](#)

[Power Defense Frame 4 Handle Mech Direct Rotary Handle Animated Instructions.rh](#)

[Power Defense Frame 4 Variable Depth Rotary Handle Mechanism How-To Video](#)

Multimedia

[Power Defense Frame 4 Aux, Alarm, Shunt Trip, and UVR How-To Video](#)

[Power Defense Frame 4 Trip Unit Installation How-To Video](#)

[Power Defense Frame 4 Direct Rotary Handle Mechanism Installation How-To Video](#)

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

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

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

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

[Power Defense Breakers](#)

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

[Power Defense molded case circuit breakers](#)

Specifications and datasheets

[Eaton Specification Sheet - PDG43G0700TFAN](#)

Time/current curves

[Power Defense time current curve Frame 4 - PD4](#)

White papers

[Intelligent circuit protection yields space savings](#)

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

[Making a better machine](#)

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

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

[Single and double break MCCB performance revisited](#)

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

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



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