

Eaton PDG12F0070TFFJ

Catalog Number: PDG12F0070TFFJ

Eaton Power Defense molded case circuit breaker, Globally Rated, Frame 1, Two Pole, 70A, 25kA/480V, T-M (Fxd-Fxd) TU, Standard Line and Load (PDG1X2T125)

Photo is representative



General specifications

Product Name	Catalog Number
Eaton Power Defense molded case circuit breaker	PDG12F0070TFFJ
	UPC
	786679278338
Product Length/Depth	Product Height
3 in	3 in
Product Width	Product Weight
2 in	2 lb
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
	CSA
	UL 489

Delivery program

Amperage Rating

70A

Circuit breaker frame type

Complete breaker

Frame

1

Number of poles

Two-pole

General information

Circuit breaker type

PD1 Global

Class

Class A

Trip Type

T-M (Fxd-Fxd) TU

Technical data - Electrical

Voltage rating

600 Vac

Voltage rating - max

600 V

Technical data - Mechanical - Terminals

Terminals

Standard Line and Load

Technical information

Interrupt rating

25 kAIC at 480 Vac

Interrupt rating range

35 kAIC @240V (UL)

14 kAIC @600V (UL/CSA)

22 kAIC Icu @125 Vdc

25 kAIC @480V (UL)

22 kAIC Icu @250 Vdc

25 kAIC Icu/ 25 kAIC Ics/ 53 kAIC Icm @380-415V (IEC)

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

Resources

3D CAD drawing package

[Eaton Power Defense MCCB PDG12F0070TFFJ 3D drawing](#)

Application notes

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

Brochures

[Power Defense technical selling booklet](#)

[Power Defense brochure](#)

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

[Power Defense molded case circuit breakers - Frame 1 product aid](#)

Catalogs

Molded case circuit breakers catalog

Certification reports

PDG1 CCC certification

PDG1 UL authorization

Power Defense Declaration concerning California's Proposition 65

PDG1 CSA certification

EU Declaration of Conformity - Power Defense molded case circuit breakers

Installation instructions

Power Defense Frame 1-2-3-4 IP door barrier assembly instructions - IL012278EN

Power Defense padlockable handle lock hasp top off only installation instructions - IL012226EN

Power Defense Frame 1 UL global interphase barrier - IL012176EN

Power Defense Frame 1 UL global DIN rail adapter 2, 3, 4-pole - IL012185EN

Power Defense Frame 1 UL global handle block padlockable - IL012178EN

Power Defense Frame 1 Instructions - IL012152EN

Power Defense Frame 1 UL global lock padlockable handle hasp IL012180EN

Power Defense Frame 1 UL global screw terminal end cap kit 125A 2P - IL012162EN

Power Defense Frame 1 UL global box terminal (steel) 125A 2P - IL012165EN H02

Power Defense Frame 1 UL global screw terminal end cap kit metric 125A 2P - IL012170EN

Power Defense Frame 1 UL global Padlockable Handle Lock Hasp - IL012225EN

Power Defense Frame 1 UL Global variable depth rotary handle mech installation instructions - IL012308EN

Power Defense Frame 1 UL global interphase barrier instructions - IL012313EN

Power Defense Frame 1 UL global handle block padlockable off only - IL012179EN

Power Defense Frame 1 UL global handle block non padlockable - IL012177EN

Power Defense Frame 1 UL global tunnel terminal (aluminum) 125A 2P - IL012166EN H02

Installation videos

[Power Defense Frame 1 UL Global Aux, Alarm, ST and UVR Animated Instructions.rh](#)

Multimedia

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

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

[Power Defense molded case circuit breakers](#)

[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 Breakers](#)

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

Specifications and datasheets

[Eaton Specification Sheet - PDG12F0070TFFJ](#)

Time/current curves

[Power Defense time current curve Frame 1 - PDG1](#)

Warranty guides

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

White papers

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

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

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



Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

© 2024 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.



Eaton.com/socialmedia