

Eaton PDG12F0020TFFJ

Catalog Number: PDG12F0020TFFJ

Eaton Power Defense molded case circuit breaker, Globally Rated, Frame 1, Two Pole, 20A, 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	PDG12F0020TFFJ
	UPC
	786679212110
Product Length/Depth	Product Height
6 in	3 in
Product Width	Product Weight
4 in	1.94 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
	UL 489
	CSA
	CCC Marked

Delivery program

Amperage Rating

20 A

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

22 kAIC Icu @250 Vdc

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

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

25 kAIC @480V (UL)

Resources

3D CAD drawing package

[Eaton Power Defense MCCB PDG12F0020TFFJ 3D drawing](#)

Application notes

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

Brochures

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

[Power Defense technical selling booklet](#)

[Power Defense brochure](#)

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

Catalogs

[Molded case circuit breakers catalog](#)

Certification reports

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

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

[PDG1 UL authorization](#)

[PDG1 CCC certification](#)

[PDG1 CSA certification](#)

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 handle block padlockable - IL012178EN](#)

[Power Defense Frame 1 UL global DIN rail adapter 2, 3, 4-pole - IL012185EN](#)

[Power Defense Frame 1 UL global Padlockable Handle Lock Hasp - IL012225EN](#)

[Power Defense Frame 1 Instructions - IL012152EN](#)

[Power Defense Frame 1 UL global handle block padlockable off only - IL012179EN](#)

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

[Power Defense Frame 1 UL global interphase barrier instructions - IL012313EN](#)

[Power Defense Frame 1 UL global screw terminal end cap kit metric 125A 2P - IL012170EN](#)

[Power Defense Frame 1 UL Global variable depth rotary handle mech installation instructions - IL012308EN](#)

[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 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

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

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

[Power Defense molded case circuit breakers](#)

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

Specifications and datasheets

[Eaton Specification Sheet - PDG12F0020TFFJ](#)

Time/current curves

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

White papers

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

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

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



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30 Pembroke Road
Dublin 4, Ireland
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