

Eaton PDG21G0020TFFL

Catalog Number: PDG21G0020TFFL

Eaton Power Defense molded case circuit breaker, Globally Rated, Frame 2, Single Pole, 20A, 35kA/480V, T-M (Fxd-Fxd) TU, Standard Terminals Load Only (PDG2X1T100)

Photo is representative



General specifications

Product Name	Catalog Number
Eaton Power Defense molded case circuit breaker	PDG21G0020TFFL
	UPC
	786687041641
Product Length/Depth	Product Height
88.9 mm	55.88 mm
Product Width	Product Weight
35.1 mm	0.816466 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
	IEC 60947-2
	CSA
	UL 489

Delivery program

Amperage Rating

20 A

Circuit breaker frame type

Complete breaker

Frame

2

Number of poles

Single-pole

General information

Circuit breaker type

PD2 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 Terminals Load Only

Technical information

Interrupt rating

35 kAIC at 480 Vac

Interrupt rating range

10 kAIC Icu @125 Vdc

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

10 kAIC Icu @250 Vdc

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

20 kAIC Icu/ 15/13 kAIC Ics/ 42 kAIC Icm @525V South Africa (IEC)

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

18 kAIC @600V (UL/CSA)

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)

65 kAIC @240V (UL)

Resources

3D CAD drawing package

[Eaton Power Defense PDG21G0020TFFL 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 2 product aid

Catalogs

Molded case circuit breakers catalog

Certification reports

PDG4 CB report

PDG4 CCC certification

EU Declaration of Conformity - Power Defense molded case circuit breakers

PDG2 CB report

Power Defense Declaration concerning California's Proposition 65

Installation instructions

Power Defense Frame 2 box terminal (steel), 100A, 1 pole instructions - IL012234EN H01

Power Defense Frame 2 tunnel terminal (aluminum), 50A, 1 pole instructions - IL012236EN H01

Power Defense Frame 2/3/4/5/6 voltage neutral sensor module wiring instructions – IL012316EN

Power Defense Frame 2 tunnel terminal kits - PDG2X1TA225K instructions- IL012239EN H01

Power Defense Frame 2 locking devices and handle block instructions - IL012149EN

Power Defense Frame 2 PDG2 and PDC(E)9 breaker instructions - IL012106EN

Power Defense Frame 2 box terminal (aluminum), 225A, 1 pole instructions - IL012235EN H01

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

Power Defense Frame 2 clamp terminal (steel), 20A, 1 pole instructions- IL012246EN H01

Power Defense Frame 2 tunnel terminal (aluminum), 100A, 1 pole instructions - IL012237EN H01

Power Defense Frame 2 tunnel terminal (aluminum), 150A, 1 pole instructions- IL012238EN H01

Installation videos

Power Defense Frame 2 TMTU Aux, Alarm, ST and UVR Animated Instructions.rh

Power Defense Frame 2 withTMTU, Shunt Trip_UVR Animated Instructions.rh

Multimedia

[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](#)

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

[Power Defense Breakers](#)

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

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

Specifications and datasheets

[Eaton Specification Sheet - PDG21G0020TFFL](#)

[Time/current curves](#)

[Power Defense time current curve Frame 2 - PD2](#)

White papers

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

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

[Making a better machine](#)

[Intelligent circuit protection yields space savings](#)

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

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



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

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