

Eaton PDG21G0020TFFJ

Catalog Number: PDG21G0020TFFJ

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

Photo is representative

General specifications

Product Name	Catalog Number
Eaton Power Defense molded case circuit breaker	PDG21G0020TFFJ
	UPC
	786679245668
Product Length/Depth	Product Height
88.9 mm	152.4 mm
Product Width	Product Weight
35.1 mm	2.041 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
	UL 489
	CSA
	CCC Marked



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 Line and Load

Technical information

Interrupt rating

35 kAIC at 480 Vac

Interrupt rating range

10 kAIC Icu @250 Vdc

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

10 kAIC Icu @125 Vdc

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

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

65 kAIC @240V (UL)

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

35 kAIC @480V (UL)

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

18 kAIC @600V (UL/CSA)

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

Resources

3D CAD drawing package

[Eaton Power Defense MCCB PDG21G0020TFFJ 3D drawing](#)

Application notes

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

Brochures

[Power Defense brochure](#)

[Power Defense technical selling booklet](#)

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

[Power Defense molded case circuit breakers - Frame 2 product aid](#)

Catalogs

[Molded case circuit breakers catalog](#)

Certification reports

[PDG2 CB report](#)

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

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

[PDG4 CB report](#)

[PDG4 CCC certification](#)

Installation instructions

[Power Defense Frame 2 locking devices and handle block instructions - IL012149EN](#)

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

[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 tunnel terminal \(aluminum\), 100A, 1 pole instructions - IL012237EN H01](#)

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

[Power Defense Frame 2 box terminal \(steel\), 100A, 1 pole instructions - IL012234EN 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 tunnel terminal \(aluminum\), 150A, 1 pole instructions- IL012238EN H01](#)

[Power Defense Frame 2 PDG2 and PDC\(E\)9 breaker instructions - IL012106EN](#)

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 2 Variable Depth Rotary Handle Mechanism](#)

[Installation How-To Video](#)

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

[Power Defense Breakers](#)

[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 3 Variable Depth Rotary Handle Mechanism](#)

[Installation How-To Video](#)

Specifications and datasheets

[Eaton Specification Sheet - PDG21G0020TFFJ](#)

[Time/current curves](#)

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

White papers

[Intelligent circuit protection yields space savings](#)

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

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

[Making a better machine](#)

[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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