

Eaton PDG21M0020TFFL

Catalog Number: PDG21M0020TFFL

Eaton Power Defense molded case circuit breaker, Globally Rated, Frame 2, Single Pole, 20A, 65kA/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	PDG21M0020TFFL
	UPC
	786679921548
Product Length/Depth	Product Height
9.6 in	2 in
Product Width	Product Weight
5.3 in	1.85 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
	CSA
	CCC Marked
	IEC 60947-2
	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

65 kAIC at 480 Vac

Interrupt rating range

10 kAIC Icu/ 5 kAIC Ics/ 21 kAIC Icm @690V (IEC)

35 kAIC @600V (UL/CSA)

50 kAIC Icu/ 30 kAIC Ics/ 105 kAIC Icm @480V Brazil (IEC)

50 kAIC Icu/ 40 kAIC Ics/ 105 kAIC Icm @440V (IEC)

22 kAIC Icu @250 Vdc

100 kAIC Icu/ 100 kAIC Ics/ 220 kAIC Icm @240V (IEC)

100 kAIC @240V (UL)

70 kAIC Icu/ 53 kAIC Ics/ 154 kAIC Icm @380-415V (IEC)

22 kAIC Icu @125 Vdc

30/25 kAIC Icu/ 15/13 kAIC Ics @525V South Africa (IEC)

65 kAIC @480V (UL)

Resources

3D CAD drawing package

Eaton Power Defense PDG21M0020TFFL 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

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

[PDG4 CCC certification](#)

[PDG4 CB report](#)

[PDG2 CB report](#)

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

Installation instructions

[Power Defense Frame 2 tunnel terminal kits - PDG2X1TA225K instructions- IL012239EN H01](#)

[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 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 PDG2 and PDC\(E\)9 breaker instructions - IL012106EN](#)

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

[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 locking devices and handle block instructions - IL012149EN](#)

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

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 Breakers](#)

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

[Power Defense Frame 2 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 3 Variable Depth Rotary Handle Mechanism](#)

[Installation How-To Video](#)

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

Specifications and datasheets

[Eaton Specification Sheet - PDG21M0020TFFL](#)

Time/current curves

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

White papers

[Making a better machine](#)

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

[Intelligent circuit protection yields space savings](#)

[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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