

Eaton PDG23G0125TFFL

Catalog Number: PDG23G0125TFFL

Eaton Power Defense molded case circuit breaker, Globally Rated, Frame 2, Three Pole, 125A, 35kA/480V, T-M (Fxd-Fxd) TU, Standard Terminals Load Only (PDG2X3TA225)

Photo is representative



General specifications

Product Name	Catalog Number
Eaton Power Defense molded case circuit breaker	PDG23G0125TFFL
	UPC
	786679911181
Product Length/Depth	Product Height
88.9 mm	152.4 mm
Product Width	Product Weight
104.6 mm	4.75 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
	UL 489
	CSA

defaultTaxonomyAttributeLabel

Amperage Rating

125 A

Voltage rating

600 Vac

Trip Type

T-M (Fxd-Fxd) TU

Circuit breaker type

PD2 Global

Circuit breaker frame type

Complete breaker

Terminals

Standard Terminals Load Only

Frame

2

Class

Class A

Interrupt rating

35 kAIC at 480 Vac

Rated operation voltage (Ue) at AC - max

600

Switch off technique

Thermomagnetic

Voltage rating - max

600 V

Interrupt rating range

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

10 kAIC Icu @125 Vdc

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

18 kAIC @600V (UL/CSA)

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

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

65 kAIC @240V (UL)

35 kAIC @480V (UL)

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)

10 kAIC Icu @250 Vdc

Resources

3D CAD drawing package

Eaton Power Defense PDG23G0125TFFL 3D drawing

Application notes

Consulting application guide - molded case circuit breakers

Brochures

Power Defense molded case circuit breaker selection poster

Power Defense brochure

Power Defense technical selling booklet

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

Power Defense Declaration concerning California's Proposition 65

PDG4 CB report

PDG2 CB report

PDG4 CCC certification

Installation instructions

Power Defense Frame 2 tunnel terminal (aluminum), 150A, 3 pole instructions - IL012238EN H03

Power Defense Frame 2 global terminal shield, 3 pole - IL012330EN

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

Power Defense Frame 2 clamp terminal (steel), 20A, 3 pole instructions - IL012246EN H03

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

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

Power Defense Frame 2 screw terminal_end cap kit, 225A, 3 pole instructions - IL012258EN H01

Power Defense Frame 2 terminal kit - PDG2X3(2)(4)TA225RF instructions - IL012245EN H01

Power Defense Frame 2 shunt trip UVR instructions - IL012130EN

Power Defense Frame 2 terminal kit - PDG2X3(2)(4)TA150RF instructions - IL012244EN H01

Power Defense Frame 2 Direct Rotary Handle Assy With Interlock Version

Number of poles

Three-pole

[Instructions \(IL012138EN\).pdf](#)

[Power Defense Frame 2 multi wire connector kit - PDG2X3\(2\)\(4\)TA2253W instructions - IL012243EN H01](#)

[Power Defense Frame 2 handle mech variable depth rotary handle instructions - IL012136EN](#)

[Power Defense Frame 2 tunnel terminal \(aluminum\), 50A, 3 pole instructions - IL012236EN H03](#)

[Power Defense Frame 2 box terminal \(steel\), 100A, 3 pole instructions - IL012234EN H03](#)

[Power Defense Frame 2 handle mech direct rotary handle instructions - IL012134EN](#)

[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 box terminal \(aluminum\), 225A, 3 pole instructions - IL012235EN H03](#)

[Power Defense Frame 1 IEC and Frame 2 Rotary Mechanism with NFPA Handle Attachment Instructions \(IL012260EN\).pdf](#)

[Power Defense Frame 2 tunnel terminal \(aluminum\), 100A, 3 pole instructions - IL012237EN H03](#)

[Power Defense Frame 2 multi wire connector kit - PDG2X3\(2\)\(4\)TA2256W instructions - IL012242EN H01](#)

Installation videos

[Power Defense Frame 2 Handle Mech Variable Depth Rotary Handle Animated Instructions.rh](#)

[Power Defense Frame 2 TMTU Aux, Alarm, ST and UVR Animated Instructions.rh](#)

[Power Defense Frame 2 with TMTU, Shunt Trip_UVR Animated Instructions.rh](#)

[Power Defense Frame 2 Bell Alarm with PXR Animated Instructions.pdf.rh](#)

[Power Defense Frame 2 Locking Devices and Handle Block Animated Instructions.pdf.rh](#)

Multimedia

[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 Frame 2 Direct Rotary Handle Mechanism Installation How-To Video](#)

[Power Defense Frame 2 Aux, Alarm, Shunt Trip, and UVR How-To Video](#)

[Power Defense Breakers](#)

Power Defense molded case circuit breakers

Power Defense Frame 6 Trip Unit How-To Video

Eaton Power Defense for superior arc flash safety

Power Defense Frame 5 Trip Unit How-To Video

Specifications and datasheets

Eaton Specification Sheet - PDG23G0125TFFL

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

Making a better machine

Molded case and low-voltage power circuit breaker health

Safer by design: arc energy reduction techniques

Molded case and low-voltage breaker health



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