

Specifications

Photo is representative



Eaton PDG23M0225TFFJ

Eaton Power Defense molded case circuit breaker, Globally Rated, Frame 2, Three Pole, 225A, 65kA/480V, T-M (Fxd-Fxd) TU, Standard Line and Load (PDG2X3TA225)

General specifications

PRODUCT NAME	Eaton Power Defense molded case circuit breaker
CATALOG NUMBER	PDG23M0225TFFJ
UPC	786679267615
PRODUCT LENGTH/DEPTH	88.9 mm
PRODUCT HEIGHT	152.4 mm
PRODUCT WIDTH	104.6 mm
PRODUCT WEIGHT	1.82 kg
WARRANTY	Eaton Selling Policy 25-000, one (1) year from the date of installation of the Product or eighteen (18) months from the date of shipment of the Product, whichever occurs first.
COMPLIANCES	RoHS Compliant
CERTIFICATIONS	CSA CCC Marked IEC 60947-2 UL 489

Delivery program

AMPERAGE RATING	225 A
CIRCUIT BREAKER FRAME TYPE	Complete breaker
FRAME	2
NUMBER OF POLES	Three-pole

Technical data - Electrical

VOLTAGE RATING	600 Vac
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General information

CIRCUIT BREAKER TYPE	PD2 Global
CLASS	Class A
TRIP TYPE	T298

Technical data - Mechanical - Terminals

TERMINALS	Standard Line and Load
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Technical information	
INTERRUPT RATING	65 kAIC at 480 Vac
INTERRUPT RATING RANGE	100 kAIC @240V (UL) 35 kAIC @600V (UL/CSA) 22 kAIC Icu @250 Vdc 10 kAIC Icu/ 5 kAIC Ics/ 21 kAIC Icm @690V (IEC) 30/25 kAIC Icu/ 15/13 kAIC Ics @525V South Africa (IEC) 100 kAIC Icu/ 100 kAIC Ics/ 220 kAIC Icm @240V (IEC) 70 kAIC Icu/ 53 kAIC Ics/ 154 kAIC Icm @380-415V (IEC) 22 kAIC Icu @125 Vdc 50 kAIC Icu/ 40 kAIC Ics/ 105 kAIC Icm @440V (IEC) 65 kAIC @480V (UL) 50 kAIC Icu/ 30 kAIC Ics/ 105 kAIC Icm @480V Brazil (IEC)

Resources	
3D CAD DRAWING PACKAGE	Eaton Power Defense MCCB PDG23M0225TFFJ 3D drawing
APPLICATION NOTES	Consulting application guide - molded case circuit breakers Power Defense molded case circuit breaker selection poster Power Defense brochure
BROCHURES	Power Defense technical selling booklet Power Defense molded case circuit breakers - Frame 2 product aid
CATALOGS	Circuit Protection, Molded Case Circuit Breakers, Volume 4, Tab 2 PDG4 CCC certification PDG4 CB report PDG2 CB report
CERTIFICATION REPORTS	EU Declaration of Conformity - Power Defense molded case circuit breakers Power Defense Declaration concerning California's Proposition 65
INSTALLATION INSTRUCTIONS	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 tunnel terminal (aluminum), 100A, 3 pole instructions - IL012237EN H03 Power Defense Frame 2 multi wire connector kit - PDG2X3(2)(4)TA2256W instructions - IL012242EN H01 Power Defense Frame 2 tunnel terminal (aluminum), 50A, 3 pole instructions - IL012236EN H03 Power Defense Frame 2 handle mech variable depth rotary handle instructions - IL012136EN Power Defense Frame 2 multi wire connector kit - PDG2X3(2)(4)TA2253W instructions - IL012243EN H01

[Power Defense Frame 1-2-3-4
IP door barrier assembly
instructions - IL012278EN](#)

[Power Defense Frame 2 box
terminal \(aluminum\), 225A, 3
pole instructions - IL012235EN
H03](#)

[Power Defense Frame 2 motor
circuit protector \(HMCP\) -
IL012326EN](#)

[Power Defense Frame 2 Direct
Rotary Handle Assy With
Interlock Version Instructions
\(IL012138EN\).pdf](#)

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

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

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

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

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

[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 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
INSTALLATION VIDEOS	Power Defense Frame 2 withTMTU, Shunt Trip UVR Animated Instructions.rh
	Power Defense Frame 2 TMTU Aux, Alarm, ST and UVR Animated Instructions.rh
	Power Defense Frame 2 Locking Devices and Handle Block Animated Instructions.pdf.rh
	Power Defense Frame 2 Handle Mech Variable Depth Rotary Handle Animated Instructions.rh
	Power Defense Frame 2 Bell Alarm with PXR 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
	Eaton Power Defense for superior arc flash safety
	Power Defense molded case circuit breakers
	Power Defense Breakers
	Power Defense Frame 6 Trip Unit How-To Video
SPECIFICATIONS AND DATASHEETS	Power Defense Frame 5 Trip Unit How-To Video
	Eaton Specification Sheet - PDG23M0225TFFJ
TIME/CURRENT CURVES	Power Defense time current curves MCP Motor Circuit Protection – PD1, PD2, PD3 Power Defense time current curve Frame 2 - PD2
WHITE PAPERS	Making a better machine
	Molded case and low-voltage power circuit breaker health

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

[Intelligent circuit protection
yields space savings](#)

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

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

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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