

Specifications



Photo is representative



Eaton PDG33G0600TFAJ

Eaton Power Defense Globally Rated, Frame 3, Three Pole, 600A, 35kA/480V, T-M (Fxd-Adj) TU, Std Line Load Term (PDG3X3TA630)

General specifications

PRODUCT NAME	Eaton Power Defense molded case circuit breaker
CATALOG NUMBER	PDG33G0600TFAJ
UPC	786679477045
PRODUCT LENGTH/DEPTH	15 in
PRODUCT HEIGHT	7 in
PRODUCT WIDTH	6.5 in
PRODUCT WEIGHT	15.9 lb
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	UL 489 IEC 60947-2 CCC Marked CSA
PRODUCT TYPE	Molded case circuit breaker

Delivery program

AMPERAGE RATING	600 A
CIRCUIT BREAKER FRAME TYPE	Complete breaker
FRAME	3
NUMBER OF POLES	Three-pole

Technical data - Electrical

VOLTAGE RATING	600 Vac
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Technical information

INTERRUPT RATING	35 kAIC at 480 Vac
INTERRUPT RATING RANGE	65 kAIC @240V (UL) 10 kAIC Icu @250 Vdc

General information

CIRCUIT BREAKER TYPE	PD3 Global
CLASS	Class A
TRIP TYPE	T297

Technical data - Mechanical - Terminals

TERMINALS	Standard Line and Load
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Resources

3D CAD DRAWING PACKAGE	Eaton Power Defense MCCB PDG33G0600TFAJ 3D drawing
APPLICATION NOTES	Consulting application guide - molded case circuit breakers StrandAble terminals product aid Power Defense technical selling booklet Power Defense molded case circuit breaker selection poster Power Defense brochure
CATALOGS	Circuit Protection, Molded Case Circuit Breakers, Volume 4, Tab 2 EU Declaration of Conformity - Power Defense molded case circuit breakers PDG3 UL authorization 100-400a PDG3 45-400A CB report
CERTIFICATION REPORTS	PDG3 CSA certification 250-600a PDG3B 450A-600A CB report PDG3 CSA certification 100-400a PDG3 UL authorization 250-600a TMTU

INSTALLATION
INSTRUCTIONS

[Power Defense Frame 3
multi-tap terminal kit Cat
Num
PDG3X3\(2\)\(4\)TA6006WSW
instructions - IL012250EN](#)

[Power Defense Frame 4
locking devices and handle
block instructions -
IL012151EN](#)

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

[Power Defense Frame 4
reverse feed connector kit
instructions for
PDG4X3\(2\)\(4\)TA800RF
instructions - IL012254EN](#)

[Power Defense Frame 3
multi-tap terminal kit Cat
Num
PDG3X3\(2\)\(4\)TA6006W
Instructions - IL012248EN](#)

[Power Defense Frame 3
finger protection assembly
installation instructions -
IL012279EN](#)

[Power Defense Frame 3
Aux, Alarm, ST and UVR
Animated Instructions.rh](#)

[Power Defense Frame 3
reverse feed connector kit
Cat Num
PDG3X3\(2\)\(4\)TA400HRE
instructions - IL012252EN](#)

[Power Defense Frame 3
Breaker Instructions
\(IL012107EN\).pdf](#)

[Power Defense Frame 3
handle mech direct rotary
handle instructions -
IL012111EN](#)

[Power Defense Frame 3
terminal kit Cat Num
PDG3X3\(2\)\(4\)TA400RF
instructions - IL012251EN](#)

[Power Defense Frame 3
screw terminal end cap kit
600A, 3 pole - IL012264EN](#)

[Power Defense Frame 3
interphase barriers 3-pole
- IL012229EN H01](#)

[Power Defense Frame 4
shunt trip UVR instructions
- IL012129EN](#)

[Power Defense Frame 3
adapter kit installation
instructions LZM3 to PD3 -
IL012227EN](#)

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

[Power Defense Frame 3
plug-in adapter installation
instructions - IL012311EN](#)

[Power Defense Frame 3
interphase barrier -
IL012229EN H03](#)

[Power Defense Frame 3
rear connection
installation instructions -
IL012300EN](#)

[Power Defense Frame 3
extendable shaft rotary
handle mech - IL012112EN](#)

[Power Defense Frame 3
locking devices and handle
block instructions -
IL012150EN](#)

[Power Defense Frame 3
Direct Rotary Handle Assy
With Interlock Version
Instructions
\(IL012139EN\).pdf](#)

[Power Defense Frame 3
terminal cover assembly
instructions - IL012281EN](#)

[Power Defense Frame 3
terminal spreader
assembly instructions -
IL012301EN](#)

[Power Defense Frame 3
reverse feed connector kit
Cat Num
PDG3X3\(2\)\(4\)TA630RF
instructions - IL012253EN](#)

	Power Defense Frame 3 box terminal installation instructions - IL012299EN Power Defense Frame 3 trip unit replacement instructions - IL012157EN Power Defense Frame 3 shunt trip UVR instructions - IL012140EN Power Defense Frame 3 multi wire connector kit - PDG3X3(2)(4)TA4006W and PDG3X3(2)(4)TA4003W instructions- IL012247EN H01 Power Defense Frame 3 screw terminal end cap kit, 400A, 3 pole – IL012262EN
	Power Defense Frame 3 Handle Mech Direct Rotary Handle Animated Instructions.rh Power Defense Frame 3 trip unit replacement animated instructions.rh Power Defense Frame 3 Shunt Trip UVR Animated Instructions.pdf.rh Power Defense Frame 3 Handle Mech Variable Depth Rotary Handle Animated Instructions.rh Power Defense Frame 3 Locking Devices and Handle Block Animated Instructions.pdf.rh
INSTALLATION VIDEOS	
	Power Defense Frame 3 Aux, Alarm, Shunt Trip, and UVR How-To Video Power Defense Frame 3 Trip Unit Installation How-To Video Power Defense Frame 3 Direct Rotary Handle Mechanism Installation How-To Video Power Defense Breakers
MULTIMEDIA	

	Power Defense Frame 3 Variable Depth Rotary Handle Mechanism Installation How-To Video Power Defense Frame 5 Trip Unit How-To Video Power Defense molded case circuit breakers Eaton Power Defense for superior arc flash safety Power Defense Frame 2 Variable Depth Rotary Handle Mechanism Installation How-To Video Power Defense Frame 6 Trip Unit How-To Video
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - PDG33G0600TFAJ
TIME/CURRENT CURVES	Power Defense time current curve Frame 3 - PD3
WHITE PAPERS	Making a better machine Intelligent power starts with accurate, actionable data Implementation of arc flash mitigating solutions at industrial manufacturing facilities Intelligent circuit protection yields space savings Molded case and low-voltage power circuit breaker health Single and double break MCCB performance revisited 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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