

Specifications

Photo is representative

Eaton PDG12F0125VFFJ

Eaton Power Defense Globally Rated, Frame 1, Two Pole, 125A, 25kA/480V, 50C Cal T-M (Fxd-Fxd) TU , Std Line Load Term (PDG1X2T125)

General specifications

PRODUCT NAME	Eaton Power Defense molded case circuit breaker
CATALOG NUMBER	PDG12F0125VFFJ
UPC	786689288051
PRODUCT LENGTH/DEPTH	76 mm
PRODUCT HEIGHT	139.7 mm
PRODUCT WIDTH	50.8 mm
PRODUCT WEIGHT	0.71 kg
COMPLIANCES	RoHS Compliant

Delivery program

AMPERAGE RATING	125 A
CIRCUIT BREAKER FRAME TYPE	Complete breaker
FRAME	1
NUMBER OF POLES	Two-pole

Other

CALIBRATION	50C Calibration
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Technical data - Mechanical - Terminals

TERMINALS	Standard Line and Load
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General information

CIRCUIT BREAKER TYPE	PD1 Global
CLASS	Class A
SERIES	Power Defense
TRIP TYPE	T298

Technical data - Electrical

VOLTAGE RATING	600 Vac
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Technical information

INTERRUPT RATING	25 kAIC at 480 Vac
INTERRUPT RATING RANGE	14 kAIC @600V (UL/CSA) 25 kAIC @480V (UL) 35 kAIC Icu/ 35 kAIC Ics/ 73.5 kAIC Icm @240V (IEC) 10 kAIC Icu @250 Vdc 35 kAIC @240V (UL) 25 kAIC Icu/ 25 kAIC Ics/ 52.5 kAIC Icm @380-415V (IEC)

Resources

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

BROCHURES [Power Defense molded case circuit breaker selection poster](#)
[Power Defense technical selling booklet](#)
[Power Defense brochure](#)
[Power Defense molded case circuit breakers - Frame 1 product aid](#)

CATALOGS [Circuit Protection, Molded Case Circuit Breakers, Volume 4, Tab 2](#)

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 1 UL global handle block padlockable off only - IL012179EN](#)
[Power Defense Frame 1 UL global handle block non padlockable - IL012177EN](#)
[Power Defense Frame 1 UL global handle block padlockable - IL012178EN](#)
[Power Defense Frame 1 Instructions - IL012152EN](#)
[Power Defense Frame 1 UL global interphase barrier - IL012176EN](#)
[Power Defense padlockable handle lock hasp top off only installation instructions - IL012226EN](#)

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

[Power Defense Frame 1 UL global screw terminal end cap kit metric 125A 2P - IL012170EN](#)

[Power Defense Frame 1 UL Global variable depth rotary handle mech installation instructions - IL012308EN](#)

[Power Defense Frame 1 UL global interphase barrier instructions - IL012313EN](#)

[Power Defense Frame 1 UL global Padlockable Handle Lock Hasp - IL012225EN](#)

[Power Defense Frame 1 UL global DIN rail adapter 2, 3, 4-pole - IL012185EN](#)

[Power Defense Frame 1 UL global lock padlockable handle hasp IL012180EN](#)

[Power Defense Frame 1 UL global screw terminal end cap kit 125A 2P - IL012162EN](#)

[Power Defense Frame 1 UL global tunnel terminal \(aluminum\) 125A 2P - IL012166EN H02](#)

[Power Defense Frame 1 UL global box terminal \(steel\) 125A 2P - IL012165EN H02](#)

INSTALLATION VIDEOS

[Power Defense Frame 1 UL Global Aux, Alarm, ST and UVR Animated Instructions.rh](#)

MULTIMEDIA

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

[Power Defense molded case circuit breakers](#)

[Power Defense Frame 1
Aux, Alarm, and Shunt Trip
How-To Video](#)

[Power Defense Frame 2
Variable Depth Rotary
Handle Mechanism
Installation How-To Video](#)

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

[Power Defense Frame 6
Trip Unit How-To Video](#)

[Power Defense Breakers](#)

[Power Defense Frame 3
Variable Depth Rotary
Handle Mechanism
Installation How-To Video](#)

**SPECIFICATIONS AND
DATASHEETS**

[Eaton Specification Sheet -
PDG12F0125VFFJ](#)

TIME/CURRENT CURVES

[Power Defense time
current curve Frame 1 -
PDG1](#)

WHITE PAPERS

[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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