

Eaton PDG13F0035TFFJ

Catalog Number: PDG13F0035TFFJ

Eaton Power Defense molded case circuit breaker, Globally Rated, Frame 1, Three Pole, 35A, 25kA/480V, T-M (Fxd-Fxd) TU, Standard Line and Load (PDG1X3T125)

General specifications

Product Name	Catalog Number
Eaton Power Defense molded case circuit breaker	PDG13F0035TFFJ
	UPC
	786679215227
Product Length/Depth	Product Height
76 mm	139.7 mm
Product Width	Product Weight
76.2 mm	1.25 kg
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
	UL 489
	CSA
	IEC 60947-2
	CCC Marked



Product specifications

Interrupt rating

25 kAIC at 480 Vac

Frame

1

Rated operation voltage (Ue) at AC - max

600

Amperage Rating

35 A

Number of poles

Three-pole

Voltage rating - max

600 V

Circuit breaker type

PD1 Global

Interrupt rating range

25 kAIC @480V (UL)

35 kAIC @240V (UL)

22 kAIC Icu @125 Vdc

35 kAIC Icu/ 35 kAIC Ics/ 73.5 kAIC Icm @240V (IEC)

25 kAIC Icu/ 25 kAIC Ics/ 53 kAIC Icm @380-415V (IEC)

22 kAIC Icu @250 Vdc

14 kAIC @600V (UL/CSA)

Switch off technique

Thermomagnetic

Class

Class A

Circuit breaker frame type

Complete breaker

Terminals

Standard Line and Load

Voltage rating

600 Vac

Trip Type

T-M (Fxd-Fxd) TU

Resources

3D CAD drawing package

Eaton Power Defense MCCB PDG13F0035TFFJ 3D drawing

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

Molded case circuit breakers catalog

Certification reports

PDG1 CSA certification

Power Defense Declaration concerning California's Proposition 65

PDG1 UL authorization

EU Declaration of Conformity - Power Defense molded case circuit breakers

PDG1 CCC certification

Installation instructions

Power Defense Frame 1 UL global handle block non padlockable - IL012177EN

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 Instructions - IL012152EN

Power Defense Frame 1 UL global handle block padlockable - IL012178EN

Power Defense Frame 1 UL global lock padlockable handle hasp IL012180EN

Power Defense Frame 1-2-3-4 IP door barrier assembly instructions - IL012278EN

Power Defense Frame 1 UL global terminal shield cover IP30 3P - IL012174EN

Power Defense padlockable handle lock hasp top off only installation instructions - IL012226EN

Power Defense Frame 1 UL global DIN rail adapter three or four pole - IL012186EN

Power Defense Frame 1 UL global screw terminal end cap kit metric 125A 3P - IL012171EN

Power Defense Frame 1 UL global interphase barrier - IL012176EN

Power Defense Frame 1 UL global DIN rail adapter 2, 3, 4-pole - IL012185EN

Power Defense Frame 1 UL global box terminal (steel) 125A 3P - IL012165EN H03

Power Defense Frame 1 UL global handle block padlockable off only - IL012179EN

Power Defense Frame 1 UL global screw terminal end cap kit 125A 3P - IL012163EN

Power Defense Frame 1 UL global tunnel terminal (aluminum) 125A 3P - IL012166EN H03

Power Defense Frame 1 UL Global variable depth rotary handle mech installation instructions - IL012308EN

Power Defense Frame 1 UL global DIN rail adapter metal three pole - IL012187EN

Installation videos

Power Defense Frame 1 UL Global Aux, Alarm, ST and UVR Animated Instructions.rh

Multimedia

Power Defense Breakers

Power Defense Frame 5 Trip Unit How-To Video

Eaton Power Defense for superior arc flash safety

Power Defense Frame 3 Variable Depth Rotary Handle Mechanism Installation How-To Video

Power Defense Frame 6 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 1 Aux, Alarm, and Shunt Trip How-To Video

Specifications and datasheets

Eaton Specification Sheet - PDG13F0035TFFJ

Time/current curves

Power Defense time current curve Frame 1 - PDG1

White papers

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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