Product specifications

Eaton PDG13M0025TFFJ

Catalog Number: PDG13M0025TFFJ

Eaton Power Defense molded case circuit breaker, Globally Rated, Frame 1, Three Pole, 25A, 65kA/480V, T-M (Fxd-Fxd) TU, Standard Line and Load (PDG1X3T125)

Photo is representative

General specifications

Product Name
Eaton Power Defense molded case circuit breaker

Catalog Number
PDG13M0025TFFJ

UPC
786679255117

Product Length/Depth
139.7 mm

Product Height
76 mm

Product Width
76.2 mm

Product Weight
1.24 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
IEC 60947-2
CSA
UL 489
CCC Marked

Delivery program

Amperage Rating

25 A

Circuit breaker frame type

Complete breaker

Frame

1

Number of poles

Three-pole

General information

Circuit breaker type

PD1 Global

Class

Class A

Trip Type

T-M (Fxd-Fxd) TU

Technical data - Electrical

Voltage rating

600 Vac

Voltage rating - max

600 V

Technical data - Mechanical - Terminals

Terminals

Standard Line and Load

Technical information

Interrupt rating

65 kAIC at 480 Vac

Interrupt rating range

70 kAIC Icu/ 50 kAIC Ics/ 154 kAIC Icm @380-415V (IEC)
25 kAIC @600V (UL/CSA)
35 kAIC Icu @250 Vdc
100 kAIC @240V (UL)
100 kAIC Icu/ 100 kAIC Ics/ 220 kAIC Icm @240V (IEC)
35 kAIC Icu @125 Vdc
65 kAIC @480V (UL)

Resources

3D CAD drawing package

Eaton Power Defense MCCB PDG13M0025TFFJ 3D drawing

Application notes

Consulting application guide - molded case circuit breakers

Brochures

Power Defense technical selling booklet

Power Defense molded case circuit breaker selection poster

Power Defense brochure

Power Defense molded case circuit breakers - Frame 1 product aid

Catalogs

Molded case circuit breakers catalog

Certification reports

EU Declaration of Conformity - Power Defense molded case circuit breakers

PDG1 CSA certification

PDG1 UL authorization

Power Defense Declaration concerning California's Proposition 65

PDG1 CCC certification

Installation instructions

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

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

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

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 screw terminal end cap kit metric 125A 3P - IL012171EN

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

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

Power Defense Frame 1 Instructions - IL012152EN

Power Defense Frame 1 UL global handle block padlockable - IL012178EN

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

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 UL global lock padlockable handle hasp IL012180EN

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

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 tunnel terminal (aluminum) 125A 3P - IL012166EN H03

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

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

Power Defense Breakers

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

Specifications and datasheets

Eaton Specification Sheet - PDG13M0025TFFJ

Time/current curves

Power Defense time current curves MCP Motor Circuit Protection – PD1, PD2, PD3

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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