

Eaton PDG13F0030TFFJ

Catalog Number: PDG13F0030TFFJ

Eaton Power Defense molded case circuit breaker, Globally Rated, Frame 1, Three Pole, 30A, 25kA/480V, T-M (Fxd-Fxd) TU, Standard Line and Load (PDG1X3T125)

Photo is representative



General specifications

| | |
|---|-----------------------|
| Product Name | Catalog Number |
| Eaton Power Defense molded case circuit breaker | PDG13F0030TFFJ |
| | UPC |
| | 786679275450 |
| Product Length/Depth | Product Height |
| 76 mm | 107.95 mm |
| Product Width | Product Weight |
| 76.2 mm | 1.247379 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 |

Delivery program

Amperage Rating

30 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

25 kAIC at 480 Vac

Interrupt rating range

14 kAIC @600V (UL/CSA)

22 kAIC Icu @250 Vdc

25 kAIC @480V (UL)

22 kAIC Icu @125 Vdc

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

35 kAIC @240V (UL)

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

Resources

3D CAD drawing package

[Eaton Power Defense MCCB PDG13F0030TFFJ 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

PDG1 CCC certification

Power Defense Declaration concerning California's Proposition 65

Installation instructions

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

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

Power Defense Frame 1 UL global interphase barrier - IL012176EN

Power Defense Frame 1 UL global handle block padlockable - IL012178EN

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

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

Power Defense Frame 1 Instructions - IL012152EN

Power Defense Frame 1 UL global Padlockable Handle Lock Hasp - IL012225EN

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 UL global interphase barrier instructions - IL012313EN

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

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 handle block padlockable off only - IL012179EN

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

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

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

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

Installation videos

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

Multimedia

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 1 Aux, Alarm, and Shunt Trip How-To Video

Power Defense molded case circuit breakers

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

Power Defense Frame 6 Trip Unit How-To Video

Power Defense Breakers

Eaton Power Defense for superior arc flash safety

Specifications and datasheets

Eaton Specification Sheet - PDG13F0030TFFJ

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



Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

© 2024 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.



Eaton.com/socialmedia