

# Eaton PDG22F0150TFFJ

Catalog Number: PDG22F0150TFFJ

Eaton Power Defense molded case circuit breaker, Globally Rated, Frame 2, Two Pole, 150A, 25kA/480V, T-M (Fxd-Fxd) TU, Standard Line and Load (PDG2X2TA225)



Photo is representative

## General specifications

### Product Name

Eaton Power Defense molded case circuit breaker

### Catalog Number

PDG22F0150TFFJ

### UPC

786679316597

### Product Length/Depth

9 in

### Product Height

6 in

### Product Width

4.5 in

### Product Weight

3.2 lb

### Warranty

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.

### Compliances

### Certifications

IEC 60947-2  
UL 489  
CCC Marked  
CSA

## Delivery program

### Amperage Rating

150 A

### Circuit breaker frame type

Complete breaker

### Frame

2

### Number of poles

Two-pole

## General information

### Circuit breaker type

PD2 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

20 kAIC Icu/ 20 kAIC Ics/ 42 kAIC Icm @480V Brazil (IEC)

10 kAIC Icu @ 125 Vdc

18 kAIC Icu/ 15/13 kAIC Ics/ 37.8 kAIC Icm @525V South Africa (IEC)

14 kAIC @600V (UL/CSA)

35 kAIC @240V (UL)

25 kAIC @480V (UL)

10 kAIC Icu @250 Vdc

25 kAIC Icu/ 20 kAIC Ics/ 52.5 kAIC Icm @440V (IEC)

25 kAIC Icu/ 25 kAIC Ics/ 52.5 kAIC Icm @380-415V (IEC)

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

## Resources

### 3D CAD drawing package

[Eaton Power Defense MCCB PDG22F0150TFFJ 3D drawing](#)

### Application notes

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

### Brochures

Power Defense brochure

Power Defense technical selling booklet

Power Defense molded case circuit breaker selection poster

Power Defense molded case circuit breakers - Frame 2 product aid

## Catalogs

Molded case circuit breakers catalog

## Certification reports

PDG2 CB report

PDG4 CB report

EU Declaration of Conformity - Power Defense molded case circuit breakers

Power Defense Declaration concerning California's Proposition 65

PDG4 CCC certification

## Installation instructions

Power Defense Frame 2 global terminal shield, 2 pole - IL012330EN

Power Defense Frame 2 tunnel terminal kits - PDG2X1TA225K instructions- IL012239EN H01

Power Defense Frame 2/3/4/5/6 voltage neutral sensor module wiring instructions – IL012316EN

Power Defense Frame 2 global interphase barrier 2 pole – IL012324EN

Power Defense Frame 2 locking devices and handle block instructions - IL012149EN

Power Defense Frame 2 tunnel terminal (aluminum), 100A, 2 pole instructions - IL012237EN H02

Power Defense Frame 2 terminal kit - PDG2X3(2)(4)TA225RF instructions - IL012245EN H01

Power Defense Frame 2 box terminal (steel), 100A, 2 pole instructions - IL012234EN H02

Power Defense Frame 2 tunnel terminal (aluminum), 150A, 2 pole instructions - IL012238EN H02

Power Defense Frame 2 terminal kit - PDG2X3(2)(4)TA150RF instructions - IL012244EN H01

Power Defense Frame 2 clamp terminal (steel), 20A, 2 pole instructions - IL012246EN H02

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

Power Defense Frame 2 tunnel terminal (aluminum), 50A, 2 pole instructions - IL012236EN H02

Power Defense Frame 2 multi wire connector kit - PDG2X3(2)(4)TA2256W instructions - IL012242EN H01

Power Defense Frame 2 screw terminal\_end cap kit, 225A, 2 pole

instructions - IL012257EN H01

Power Defense Frame 1 IEC and Frame 2 Rotary Mechanism with NFPA Handle Attachment Instructions (IL012260EN).pdf

Power Defense Frame 2 multi wire connector kit - PDG2X3(2)(4)TA2253W instructions - IL012243EN H01

Power Defense Frame 2 PDG2 and PDC(E)9 breaker instructions - IL012106EN

### **Installation videos**

Power Defense Frame 2 with TMTU, Shunt Trip\_UVR Animated Instructions.rh

Power Defense Frame 2 TMTU Aux, Alarm, ST and UVR Animated Instructions.rh

### **Multimedia**

Power Defense Frame 5 Trip Unit How-To Video

Power Defense Frame 2 Variable Depth Rotary Handle Mechanism Installation How-To Video

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

Power Defense Breakers

Power Defense molded case circuit breakers

Eaton Power Defense for superior arc flash safety

Power Defense Frame 6 Trip Unit How-To Video

### **Specifications and datasheets**

Eaton Specification Sheet - PDG22F0150TFFJ

### **Time/current curves**

Power Defense time current curve Frame 2 - PD2

### **Warranty guides**

Selling Policy 25-000 - Distribution and Control Products and Services

### **White papers**

Single and double break MCCB performance revisited

Making a better machine

Intelligent circuit protection yields space savings

Molded case and low-voltage power circuit breaker health

Safer by design: arc energy reduction techniques

Molded case and low-voltage breaker health



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