

# Eaton PDD23F0100TFFL

Catalog Number: PDD23F0100TFFL

Eaton Power Defense molded case circuit breaker, UL/CSA 240V Max, Frame 2, Three Pole, 100A, 35kA/240V, T-M (Fxd-Fxd) TU, Standard Terminals Load Only (PDG2X3T100)

Photo is representative



## General specifications

|                                                                                                                                                                                                 |                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| <b>Product Name</b>                                                                                                                                                                             | <b>Catalog Number</b> |
| Eaton Power Defense molded case circuit breaker                                                                                                                                                 | PDD23F0100TFFL        |
|                                                                                                                                                                                                 | <b>UPC</b>            |
|                                                                                                                                                                                                 | 786687042464          |
| <b>Product Length/Depth</b>                                                                                                                                                                     | <b>Product Height</b> |
| 88.9 mm                                                                                                                                                                                         | 149.86 mm             |
| <b>Product Width</b>                                                                                                                                                                            | <b>Product Weight</b> |
| 104.6 mm                                                                                                                                                                                        | 1.82 kg               |
| <b>Warranty</b>                                                                                                                                                                                 | <b>Compliances</b>    |
| 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. | <b>Certifications</b> |
|                                                                                                                                                                                                 | UL 489                |
|                                                                                                                                                                                                 | CSA                   |

## Delivery program

### Amperage Rating

100 A

### Circuit breaker frame type

Complete breaker

### Frame

2

### Number of poles

Three-pole

## General information

### Circuit breaker type

PD2 UL/CSA Only

### Class

Class A

### Trip Type

T-M (Fxd-Fxd) TU

## Technical data - Electrical

### Voltage rating

240 V AC

### Voltage rating - max

240 V

## Technical data - Mechanical - Terminals

### Terminals

Standard Terminals Load Only

## Technical information

### Interrupt rating

35 kAIC at 240 Vac

### Interrupt rating range

10 kAIC Icu @250 Vdc

10 kAIC Icu @125 Vdc

35 kAIC @240V (UL)

## Resources

### 3D CAD drawing package

[Eaton Power Defense PDD23F0100TFFL 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](#)

### Catalogs

[Molded case circuit breakers catalog](#)

### Certification reports

[Power Defense Declaration concerning California's Proposition 65](#)

## Installation instructions

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

## Multimedia

Eaton Power Defense for superior arc flash safety

Power Defense Frame 5 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 6 Trip Unit How-To Video

Power Defense Frame 3 Variable Depth Rotary Handle Mechanism

Installation How-To Video

Power Defense Breakers

## Specifications and datasheets

Eaton Specification Sheet - PDD23F0100TFFL

## Time/current curves

Power Defense time current curve Frame 2 - PD2

## White papers

Safer by design: arc energy reduction techniques

Molded case and low-voltage breaker health



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