

# Eaton PDF33MH400E3XL

Catalog Number: PDF33MH400E3XL

Power Defense Globally Rated 100% UL, Frame 3, Three Pole, 400A-High, 65kA/480V, PXR20 LSIG w/ CAM Link, ZSI and Relays, Std Term Load Only (PDG3X3TA401H)

Photo is representative



## General specifications

<b>Product Name</b>	<b>Catalog Number</b>
Eaton Power Defense molded case circuit breaker	PDF33MH400E3XL
	UPC
	786679991572
<b>Product Length/Depth</b>	<b>Product Height</b>
109.1 mm	257.1 mm
<b>Product Width</b>	<b>Product Weight</b>
138.9 mm	5.92 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>
	IEC 60947-2
	CCC Marked

## Delivery program

### Amperage Rating

400A High Override

### Circuit breaker frame type

Complete breaker

### Frame

3

### Number of poles

Three-pole

## General information

### Circuit breaker type

PD3 Global (100% UL)

### Class

Class A

### Trip Type

PXR 20 LSIG

## Other

### Communication

CAM Link

## Technical data - Electrical

### Voltage rating

600 Vac

### Voltage rating - max

600 V

## Technical data - Mechanical - Terminals

### Terminals

Standard Terminals Load Only

## Technical information

### Interrupt rating

65 kAIC at 480 Vac

### Interrupt rating range

100 kAIC @240V (UL)

22 kAIC Icu @250 Vdc

### Trip rating

400 A high override

## Resources

### 3D CAD drawing package

[Eaton Power Defense PDF33MH400E3XL 3D drawing](#)

### Application notes

[Power Xpert Protection Manager x32](#)

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

[Power Xpert Protection Manager x64](#)

### Brochures

[StrandAble terminals product aid](#)

[Power Defense brochure](#)

[Power Defense technical selling booklet](#)

[Power Defense molded case circuit breaker selection poster](#)

### **Catalogs**

[Molded case circuit breakers catalog](#)

[Power Xpert Release trip units for Power Defense molded case circuit breakers](#)

### **Certification reports**

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

[PDG3 UL authorization 100-400a](#)

[PDG3 UL authorization 250-600a TMTU](#)

### **Installation instructions**

[Power Defense Frame 3 Breaker Instructions \(IL012107EN\).pdf](#)

### **Multimedia**

[Power Defense molded case circuit breakers](#)

[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 5 Trip Unit How-To Video](#)

[Power Defense Frame 2 Variable Depth Rotary Handle Mechanism Installation How-To Video](#)

[Power Defense Breakers](#)

### **Specifications and datasheets**

[Eaton Specification Sheet - PDF33MH400E3XL](#)

### **Time/current curves**

[Power Defense time current curve Frame 3 - PD3](#)

### **White papers**

[Molded case and low-voltage power circuit breaker health](#)

[Making a better machine](#)

[Implementation of arc flash mitigating solutions at industrial manufacturing facilities](#)

[Intelligent circuit protection yields space savings](#)

[Intelligent power starts with accurate, actionable data](#)

[Safer by design: arc energy reduction techniques](#)

[Molded case and low-voltage breaker health](#)



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](https://www.eaton.com/socialmedia)