

# Eaton PDF33F0600P9MJ

Catalog Number: PDF33F0600P9MJ

Power Defense Globally Rated 100% UL, Frame 3, Three Pole, 600A, 25kA/480V, PXR25 LSIG Motor Protection w/ Modbus RTU and Relays, Std Line Load Term (PDG3X3TA630)

## General specifications

<b>Product Name</b>	<b>Catalog Number</b>
Eaton Power Defense molded case circuit breaker	PDF33F0600P9MJ
	UPC
	786679371589
<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

600 A

### 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 25 Motor Protection LSIG

## Other

### Communication

Modbus RTU

## 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

10 kAIC Icu @250 Vdc

35 kAIC @240V (UL)

## Resources

### 3D CAD drawing package

[Eaton Power Defense MCCB PDF33F0600P9MJ 3D drawing](#)

### Application notes

[Power Xpert Protection Manager x32](#)

[Power Xpert Protection Manager x64](#)

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

### Brochures

[StrandAble terminals product aid](#)

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

[Power Defense brochure](#)

Power Defense technical selling booklet

### Catalogs

Power Xpert Release trip units for Power Defense molded case circuit breakers

Molded case circuit breakers catalog

### Certification reports

PDG3 UL authorization 100-400a

PDG3 UL authorization 250-600a TMTU

Power Defense Declaration concerning California's Proposition 65

### Installation instructions

Power Defense Frame 3 Breaker Instructions (IL012107EN).pdf

### Multimedia

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

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

Power Defense molded case circuit breakers

Eaton Power Defense for superior arc flash safety

Power Defense Frame 6 Trip Unit How-To Video

Power Defense Frame 5 Trip Unit How-To Video

Power Defense Breakers

### Specifications and datasheets

Eaton Specification Sheet - PDF33F0600P9MJ

### Time/current curves

Power Defense time current curve Frame 3 - PD3

### White papers

Molded case and low-voltage power circuit breaker health

Intelligent power starts with accurate, actionable data

Intelligent circuit protection yields space savings

Making a better machine

Implementation of arc flash mitigating solutions at industrial manufacturing facilities

Safer by design: arc energy reduction techniques

Molded case and low-voltage breaker health



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