

# Eaton PDF43M0800P2ML

Catalog Number: PDF43M0800P2ML

Eaton Power Defense molded case circuit breaker, Globally Rated 100% UL, Frame 4, Three Pole, 800A, 65kA/480V, PXR25 LSI w/ Modbus RTU and Relays, Standard Terminals Load Only (PDG4X3TA800)



Photo is representative

## General specifications

<b>Product Name</b>	<b>Catalog Number</b>
Eaton Power Defense molded case circuit breaker	PDF43M0800P2ML
	<b>UPC</b>
	786679897331
<b>Product Length/Depth</b>	<b>Product Height</b>
111.2 mm	406.4 mm
<b>Product Width</b>	<b>Product Weight</b>
209.6 mm	13.6 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

800 A

### Circuit breaker frame type

Complete breaker

### Frame

4

### Number of poles

Three-pole

## General information

### Circuit breaker type

PD4 Global (100% UL)

### Class

Class A

### Trip Type

PXR 25 LSI

## Other

### Communication

Modbus RTU

## 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

70 kAIC Icu/ 53 kAIC Ics/ 154 kAIC Icm @380-415V (IEC)

100 kAIC @240V (UL)

50 kAIC Icu/ 40 kAIC Ics/ 105 kAIC Icm @440V (IEC)

15 kAIC Icu/ 7.5 kAIC Ics/ 31.5 kAIC Icm @690V (IEC)

35 kAIC @600V (UL/CSA)

65 kAIC @480V (UL)

25 kAIC Icu @250 Vdc

50 kAIC Icu/ 30 kAIC Ics/ 105 kAIC Icm @480V Brazil (IEC)

100 kAIC Icu/ 100 kAIC Ics/ 220 kAIC Icm @240V (IEC)

30 kAIC Icu/ 25 kAIC Ics/ 63 kAIC Icm @525V South Africa (IEC)

## Resources

### 3D CAD drawing package

Eaton Power Defense PDF43M0800P2ML 3D drawing

### Application notes

Consulting application guide - molded case circuit breakers

Power Xpert Protection Manager x32

Power Xpert Protection Manager x64

### Brochures

StrandAble terminals product aid

Power Defense technical selling booklet

Power Defense molded case circuit breaker selection poster

Power Defense brochure

### Catalogs

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

Molded case circuit breakers catalog

### Certification reports

Power Defense Declaration concerning California's Proposition 65

PDG4 CCC certification

### Installation instructions

Power Defense Frame 4 breaker instructions - IL012108EN

Power Defense Frame 4 Breaker Instructions (IL012108EN).pdf

### Multimedia

Power Defense Frame 3 Variable Depth Rotary Handle Mechanism Installation 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

Power Defense Frame 6 Trip Unit How-To Video

Eaton Power Defense for superior arc flash safety

Power Defense molded case circuit breakers

### Specifications and datasheets

Eaton Specification Sheet - PDF43M0800P2ML

### Time/current curves

Power Defense time current curve Frame 4 - PD4

### White papers

Intelligent power starts with accurate, actionable data

Molded case and low-voltage breaker health

Safer by design: arc energy reduction techniques



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