Product specifications

Eaton PDJ53T0800P4MM

Catalog Number: PDJ53T0800P4MM

Eaton Power Defense molded case circuit breaker, UL/CSA 600V Max, Frame 5, Three Pole, 800A, 150kA/480V, PXR25 ARMS LSI w/ Modbus RTU and Relays, No Terminals (Metric Tapped Conductors)

General specifications

Product Name
Eaton Power Defense molded case circuit breaker

Catalog Number
PDJ53T0800P4MM

UPC
786679710715

Product Length/Depth
152.4 mm

Product Height
228.6 mm

Product Width
228.6 mm

Product Weight
21.32 kg

Warranty
Eaton Selling Policy 25-000, one (1) year from the date of installation of the Product or eighteen (18) months from the date of shipment of the Product, whichever occurs first.

Compliances
RoHS Compliant

Certifications
UL 489
CSA

Delivery program

Amperage Rating

800 A

Circuit breaker frame type

Complete breaker

Frame

5

Number of poles

Three-pole

General information

Circuit breaker type

PD5 UL/CSA Only

Class

Class A

Trip Type

PXR 25 LSI w/ARMS

Other

Communication

Modbus RTU

Technical data - Electrical

Voltage rating

600 Vac

Voltage rating - max

600 V

Technical data - Mechanical - Terminals

Terminals

No Terminals

Technical information

Interrupt rating

150 kAIC at 480 Vac

Interrupt rating range

200 kAIC @240V (UL)
65 kAIC @600/347V (UL)
150 kAIC @480/277V (UL)

Resources

3D CAD drawing package

Eaton Power Defense PDJ53T0800P4MM 3D drawing

Application notes

Power Xpert Protection Manager x32

Power Xpert Protection Manager x64

Brochures

Power Defense technical selling booklet

Power Defense brochure

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

PDG5 CSA Certification

Power Defense Declaration concerning California's Proposition 65

Installation instructions

Power Defense Frame 5 aux, alarm, shunt trip and uvr instructions (IL012201EN).pdf

Installation videos

Power Defense Frame 5 Trip Unit Replacement Animated Instructions

Multimedia

Power Defense Frame 5 Trip Unit How-To Video

Power Defense molded case circuit breakers

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

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 Breakers

Specifications and datasheets

Eaton Specification Sheet - PDJ53T0800P4MM

Time/current curves

Power Defense time current curve Frame 5 - PD5

White papers

Intelligent power starts with accurate, actionable data

Safer by design: arc energy reduction techniques

Molded case and low-voltage breaker health



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