

Photo is representative

PDG13F0045TFFJ

Eaton Power Defense molded case circuit breaker,
Globally Rated, Frame 1, Three Pole, 45A, 25kA/480V, T-
M (Fxd-Fxd) TU, Standard Line and Load (PDG1X3T125)
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Specifications

GENERAL SPECIFICATIONS

PRODUCT NAME

Eaton Power Defense molded case circuit breaker

CATALOG NUMBER

PDG13F0045TFFJ

UPC

786679285718

PRODUCT LENGTH/DEPTH

76 mm

PRODUCT HEIGHT

139.7 mm

PRODUCT WIDTH

76.2 mm

PRODUCT WEIGHT

2.75 lb

WARRANTY

DELIVERY PROGRAM

AMPERAGE RATING

45 A

CIRCUIT BREAKER FRAME TYPE

Complete breaker

FRAME

1

NUMBER OF POLES

Three-pole

GENERAL INFORMATION

CIRCUIT BREAKER TYPE

PD1 Global

CLASS

Class A

TRIP TYPE

T-M (Fxd-Fxd) TU

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

CCC Marked
UL 489
CSA
IEC 60947-2

TECHNICAL INFORMATION

INTERRUPT RATING

25 kAIC at 480 Vac

INTERRUPT RATING RANGE

22 kAIC Icu @125 Vdc
25 kAIC Icu/ 25 kAIC Ics/ 53 kAIC Icm @380-415V (IEC)
35 kAIC Icu/ 35 kAIC Ics/ 73.5 kAIC Icm @240V (IEC)
22 kAIC Icu @250 Vdc
25 kAIC @480V (UL)
14 kAIC @600V (UL/CSA)
35 kAIC @240V (UL)

Download Links

3D CAD drawing package



Eaton Power Defense MCCB PDG13F0045TFFJ 3D drawing (https://eatonmccb-embedded.partcommunity.com/3d-cad-models/?info=eatonmccb/mcp/sr_series/pd_ul_series_asmtab.prj&varset=%7BPDTM=PD%7D%82%7BVOLT=480V%20AC%7D%82%7BSTND=G%7D%82%7BFRAME=1%7D%82%7BTU=T%7D%82%7BPOLES=3%7D%82%7BIR=F%7D%82%7BCR=0045%7D%82%7BTUO1=F%7D%82%7BTUO2=F%7D%82%7BTERM=J%7D%82%7BLINETD=Option%201%20-%20Standard%20Terminal%7D%82%7BLOADTD=Option%201%20-%20Standard%20Terminal%7D&partFixed=false)

TECHNICAL DATA - ELECTRICAL

VOLTAGE RATING

600 Vac

VOLTAGE RATING - MAX

600 V

TECHNICAL DATA - MECHANICAL - TERMINALS

TERMINALS

Standard Line and Load

Application notes



Consulting application guide - molded case circuit breakers (<https://www.eaton.com/content/dam/eaton/products/electrical-circuit-protection/molded-case-circuit-breakers/consulting-application-guide-molded-case-circuit-breakers-tb01200003e.pdf>)

Brochures