

Specifications

Photo is representative

Eaton PDG23M0050TFFN

Eaton Power Defense molded case circuit breaker, Globally Rated, Frame 2, Three Pole, 50A, 65kA/480V, T-M (Fxd-Fxd) TU, No Terminals

General specifications

PRODUCT NAME	Eaton Power Defense molded case circuit breaker
CATALOG NUMBER	PDG23M0050TFFN
UPC	786679213148
PRODUCT LENGTH/DEPTH	88.9 mm
PRODUCT HEIGHT	152.4 mm
PRODUCT WIDTH	104.6 mm
PRODUCT WEIGHT	1.82 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	IEC 60947-2 UL 489 CSA CCC Marked

Delivery program

AMPERAGE RATING 50 A

CIRCUIT BREAKER FRAME TYPE Complete breaker

FRAME 2

NUMBER OF POLES Three-pole

Technical data - Electrical

VOLTAGE RATING 600 Vac

Technical information

INTERRUPT RATING 65 kAIC at 480 Vac

INTERRUPT RATING RANGE

22 kAIC Icu @250 Vdc
50 kAIC Icu/ 40 kAIC Ics/
105 kAIC Icm @440V (IEC)
70 kAIC Icu/ 53 kAIC Ics/
154 kAIC Icm @380-415V
(IEC)
50 kAIC Icu/ 30 kAIC Ics/
105 kAIC Icm @480V Brazil
(IEC)
35 kAIC @600V (UL/CSA)
100 kAIC Icu/ 100 kAIC Ics/
220 kAIC Icm @240V (IEC)
65 kAIC @480V (UL)
22 kAIC Icu @125 Vdc
10 kAIC Icu/ 5 kAIC Ics/ 21
kAIC Icm @690V (IEC)
100 kAIC @240V (UL)
30/25 kAIC Icu/ 15/13 kAIC
Ics @525V South Africa
(IEC)

General information

CIRCUIT BREAKER TYPE PD2 Global

CLASS Class A

TRIP TYPE T298

Technical data - Mechanical - Terminals

TERMINALS No Terminals

Resources

3D CAD DRAWING PACKAGE

[Eaton Power Defense MCCB PDG23M0050TFEN 3D drawing](#)

APPLICATION NOTES

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

[Power Defense technical selling booklet](#)

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

[Power Defense brochure](#)

[Power Defense molded case circuit breakers - Frame 2 product aid](#)

CATALOGS

[Circuit Protection, Molded Case Circuit Breakers, Volume 4, Tab 2](#)

[PDG2 CB report](#)

[EU Declaration of Conformity - Power Defense molded case circuit breakers](#)

CERTIFICATION REPORTS

[PDG4 CB report](#)

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

[PDG4 CCC certification](#)