

Specifications

Photo is representative

Eaton PDG21M0030TFFN

Eaton Power Defense molded case circuit breaker, Globally Rated, Frame 2, Single Pole, 30A, 65kA/480V, T-M (Fxd-Fxd) TU, No Terminals

General specifications

PRODUCT NAME	Eaton Power Defense molded case circuit breaker
CATALOG NUMBER	PDG21M0030TFFN
PRODUCT LENGTH/DEPTH	88.9 mm
PRODUCT HEIGHT	152.4 mm
PRODUCT WIDTH	35.1 mm
PRODUCT WEIGHT	2.041 kg
COMPLIANCES	RoHS Compliant
CERTIFICATIONS	UL 489 CSA CCC Marked IEC 60947-2

Product specifications

AMPERAGE RATING	30 A
VOLTAGE RATING	600 Vac
TRIP TYPE	T298
CIRCUIT BREAKER TYPE	PD2 Global
CIRCUIT BREAKER FRAME TYPE	Complete breaker
TERMINALS	No Terminals
FRAME	2
CLASS	Class A
INTERRUPT RATING	65 kAIC at 480 Vac
RATED OPERATION VOLTAGE (UE) AT AC - MAX	600
SWITCH OFF TECHNIQUE	Thermomagnetic
VOLTAGE RATING - MAX	600 V
INTERRUPT RATING RANGE	22 kAIC Icu @125 Vdc 22 kAIC Icu @250 Vdc 10 kAIC Icu/ 5 kAIC Ics/ 21 kAIC Icm @690V (IEC) 100 kAIC @240V (UL) 100 kAIC Icu/ 100 kAIC Ics/ 220 kAIC Icm @240V (IEC) 70 kAIC Icu/ 53 kAIC Ics/ 154 kAIC Icm @380-415V (IEC) 35 kAIC @600V (UL/CSA) 65 kAIC @480V (UL) 30/25 kAIC Icu/ 15/13 kAIC Ics @525V South Africa (IEC) 50 kAIC Icu/ 40 kAIC Ics/ 105 kAIC Icm @440V (IEC) 50 kAIC Icu/ 30 kAIC Ics/ 105 kAIC Icm @480V Brazil (IEC)
NUMBER OF POLES	Single-pole

Resources

3D CAD DRAWING PACKAGE

[Eaton Power Defense MCCB PDG21M0030TFFN 3D drawing](#)

APPLICATION NOTES

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

[Power Defense brochure](#)

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

BROCHURES

[Power Defense technical selling booklet](#)

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

CATALOGUES

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

[PDG4 CB report](#)

[PDG4 CCC certification](#)

CERTIFICATION REPORTS

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

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

[PDG2 CB report](#)

INSTALLATION INSTRUCTIONS

[Power Defense Frame 2 box terminal \(steel\), 100A, 1 pole instructions - IL012234EN H01](#)

[Power Defense Frame 2/3/4/5/6 voltage neutral sensor module wiring instructions - IL012316EN](#)

[Power Defense Frame 2 tunnel terminal \(aluminum\), 50A, 1 pole instructions - IL012236EN H01](#)

[Power Defense Frame 2 clamp terminal \(steel\), 20A, 1 pole instructions- IL012246EN H01](#)