

Specifications



Photo is representative



Eaton PDG53K1200E3MN

Eaton Power Defense molded case circuit breaker, Globally Rated, Frame 5, Three Pole, 1200A, 50kA/480V, PXR20 LSIG w/ Modbus RTU and Relays, No Terminals

General specifications

PRODUCT NAME	Eaton Power Defense molded case circuit breaker
CATALOG NUMBER	PDG53K1200E3MN
UPC	786679276198
PRODUCT LENGTH/DEPTH	139.7 mm
PRODUCT HEIGHT	406.4 mm
PRODUCT WIDTH	209.5 mm
PRODUCT WEIGHT	21.32 kg
COMPLIANCES	RoHS Compliant
CERTIFICATIONS	CSA IEC 60947-2 CCC Marked UL 489



Powering Business Worldwide

Product specifications

AMPERAGE RATING	1200 A
VOLTAGE RATING	600 Vac
TRIP TYPE	T285
CIRCUIT BREAKER TYPE	PD5 Global
CIRCUIT BREAKER FRAME TYPE	Complete breaker
TERMINALS	No Terminals
FRAME	5
CLASS	Class A
COMMUNICATION	Modbus RTU
INTERRUPT RATING	50 kAIC at 480 Vac
RATED OPERATION VOLTAGE (UE) AT AC - MAX	600
SWITCH OFF TECHNIQUE	Electronic
VOLTAGE RATING - MAX	600 V
INTERRUPT RATING RANGE	10 kAIC Icu/ 5 kAIC Ics/ 21 kAIC Icm @690V (IEC) 25 kAIC Icu/ 20 kAIC Ics/ 52.5 kAIC Icm @525V South Africa (IEC) 85 kAIC @240V (UL) 35 kAIC Icu/ 22.5 kAIC Ics/ 73.5 kAIC Icm @480V Brazil (IEC) 50 kAIC Icu/ 50 kAIC Ics/ 105 kAIC Icm @380-415V (IEC) 85 kAIC Icu/ 85 kAIC Ics/ 187 kAIC Icm @240V (IEC) 25 kAIC @600/347V (UL) 35 kAIC Icu/ 35 kAIC Ics/ 73.5 kAIC Icm @440V (IEC) 50 kAIC @480/277V (UL)
NUMBER OF POLES	Three-pole
TRIP RATING	1200 A
SPECIAL FEATURES	Modbus / relays

Resources

3D CAD DRAWING PACKAGE	Eaton Power Defense MCCB PDG53K1200E3MN 3D drawing
BROCHURES	Power Defense molded case circuit breaker selection poster Power Defense technical selling booklet Power Defense brochure
CATALOGS	Circuit Protection, Molded Case Circuit Breakers, Volume 4, Tab 2 Power Xpert Release trip units for Power Defense molded case circuit breakers
INSTALLATION VIDEOS	Power Defense Frame 5 Trip Unit Upgrade Wire Harnesses, Animated Instructions.rh Power Defense Frame 2 Variable Depth Rotary Handle Mechanism Installation How-To Video Power Defense Frame 3 Variable Depth Rotary Handle Mechanism Installation How-To Video
MULTIMEDIA	Eaton Power Defense for superior arc flash safety Power Defense Breakers Power Defense Frame 6 Trip Unit How-To Video Power Defense Frame 5 Trip Unit How-To Video Power Defense molded case circuit breakers
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - PDG53K1200E3MN
WHITE PAPERS	Molded case and low-voltage breaker health Safer by design: arc energy reduction techniques

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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