

Power Defense molded case circuit breakers

Frame size 4 (300–800 A)



Frame size 4 configurator

Shown: PD4 3-pole with PXR 25 trip unit

Dimensions and weights

Approximate dimensions in inches (mm)

Number of poles	Width	Height	Depth
2	8.25 (209.6)	16.00 (406.4)	4.38 (111.2)
3	8.25 (209.6)	16.00 (406.4)	4.38 (111.2)
4	11.00 (279.4)	16.00 (406.4)	4.38 (111.2)

Approximate shipping weight in lb (kg)

Breaker type	2-Pole	3-Pole	4-Pole
PDG4 800 A	30.0 (13.6)	30.0 (13.6)	39.9 (18.1)

Trip unit ratings

Poles	Continuous current rating	Trip units
2-, 3-, 4-pole Thermal-magnetic	300, 350, 400, 450, 500, 600, 700, 800	TFA, VFA
3-, 4-pole Electronic	800, adjustable range (320–800)	B2N, E##, D##, P## ①

① All #s refer to protection and options. Refer to the MCCB catalog or Power Defense™ poster for more information. Direct links are below.

Additional information



↓ MCCB catalog



↓ Time current curve



↓ Power Defense poster

Catalog number/product selection

Interrupting ratings

Catalog designator	G	K	M			
UL/CSA	kA rms	kA rms	kA rms			
240 Vac	65	85	100			
480 Vac	35	50	65			
600 Vac	18	25	35			
250 Vdc ①	22	22	25			
IEC	I _{cu}	I _{cs}	I _{cu}	I _{cs}	I _{cu}	I _{cs}
240 Vac	55	55	85	85	100	100
380–415 Vac	36	36	50	50	70	53
440 Vac	30	22.5	35	35	50	40
480 Vac	25	20	35	22.5	50	30
525 Vac	20	16.5	25	20	30	25
660–690 Vac	8	4	10	5	15	7.5
250 Vdc ①	22	22	22	22	25	25

① DC ratings available in thermal-magnetic breakers only. 250 Vdc is achieved using two poles in series.

Terminals

Maximum breaker amperes	Terminal body type	Wire type	Wire class	Number of conductors per phase	AWG/kcmil range per conductor	Metric (mm ²) range per conductor	3-Pole catalog number
Standard terminals							
700	Aluminum	Cu/Al	B, C	2	1–500	42.4–253	PDG4X3TA700 ①
800	Aluminum	Cu/Al	B, C	3	3/0–400	85–203	PDG4X3TA800 ①
Alternate terminals							
800	Aluminum	Cu/Al	B, C	2	500–750	253–380	PDG4X3TA801 ①

① No accessories included.

Trip units

Description	Specification
Trip unit	
Interchangeable trip units	Yes
Thermal-magnetic (T)	Fixed thermal-adjustable magnetic
Molded case switch (K)	Fixed magnetic
Electronic	
PXR 10 (B) adjustable LSI	LSI
PXR 20 (E) current metering / comm opt.	LSI, LSIG, ALSI, ALSIG
PXR 25 (P) power metering / comm std.	LSI, LSIG, ALSI, ALSIG



↓ PXR electronic trip units



Eaton
1000 Eaton Boulevard
Cleveland, OH 44122
United States
Eaton.com

© 2024 Eaton
All Rights Reserved
Printed in USA
Publication No. MZ012020EN / Z28208
January 2024

Follow us on social media to get the latest product and support information.



Eaton is a registered trademark.

All other trademarks are property of their respective owners.