

Power Defense molded case circuit breakers

Frame size 5 (320–1200 A)



Frame size 5 configurator

Shown: PD5 3-pole with PXR 25 trip unit

Dimensions and weights

Approximate dimensions in inches (mm)

Number of poles	Width	Height	Depth
2	8.25 (209.5)	16.00 (406.4)	5.50 (139.7)
3	8.25 (209.6)	16.00 (406.4)	5.50 (139.7)
4	11.13 (282.7)	16.00 (406.4)	5.50 (139.7)

Approximate shipping weight in lb (kg)

Breaker type	2-Pole	3-Pole	4-Pole
PDG5 800, 1200 and 1600 A ①	46.8 (21.3)	46.8 (21.3)	58.0 (26.3)

① 1600 A frame is IEC only.

Trip unit ratings

Poles	Continuous current rating	Trip units
2-, 3-, 4-pole Electronic	400, 800, 1200, adjustable range (150–1200)	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	K		M		N		P		T	
	kA rms		kA rms		kA rms		kA rms		kA rms	
240 Vac	85		100		150		200		200	
480 Vac	50		65		85		100		150	
600 Vac	25		35		50		65		65	
IEC	I _{cu}	I _{cs}	I _{cu}	I _{cs}	I _{cu}	I _{cs}	I _{cu}	I _{cs}	I _{cu}	I _{cs}
240 Vac	85	85	100	100	150	100	200	150	—	—
380–415 Vac	50	50	70	53	70	50	100	50	—	—
440 Vac	35	35	50	40	70	50	100	50	—	—
480 Vac	35	22.5	50	30	65	40	85	40	—	—
525 Vac	25	20	30	25	35	25	40	25	—	—
660–690 Vac	10	5	15	7.5	20	10	35	18	—	—

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 ①
Aluminum terminals							
700	Aluminum	Cu/Al	B, C	2	1–500	42.4–253	PDG5X1TA700
1000	Aluminum	Cu/Al	B, C	3	3/0–400	85–203	PDG5X1TA1000
1200	Aluminum	Cu/Al	B, C	4	4/0–500	107–253	PDG5X1TA1200
1200	Aluminum	Cu/Al	B, C	3	500–750	253–380	PDG5X1TA1201
Copper terminals							
700	Copper	Cu	B, C	2	2/0–500	67.4–253	PDG5X1T700
1000	Copper	Cu	B, C	3	3/0–500	85–253	PDG5X1T1000
1200	Copper	Cu	B, C	4	3/0–400	85–203	PDG5X1T1200

① Add M at end for metric hardware.

Trip units

Description	Specification
Trip unit	
Interchangeable trip units	Yes
Molded case switch (K)	Fixed magnetic
Electronic	
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



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