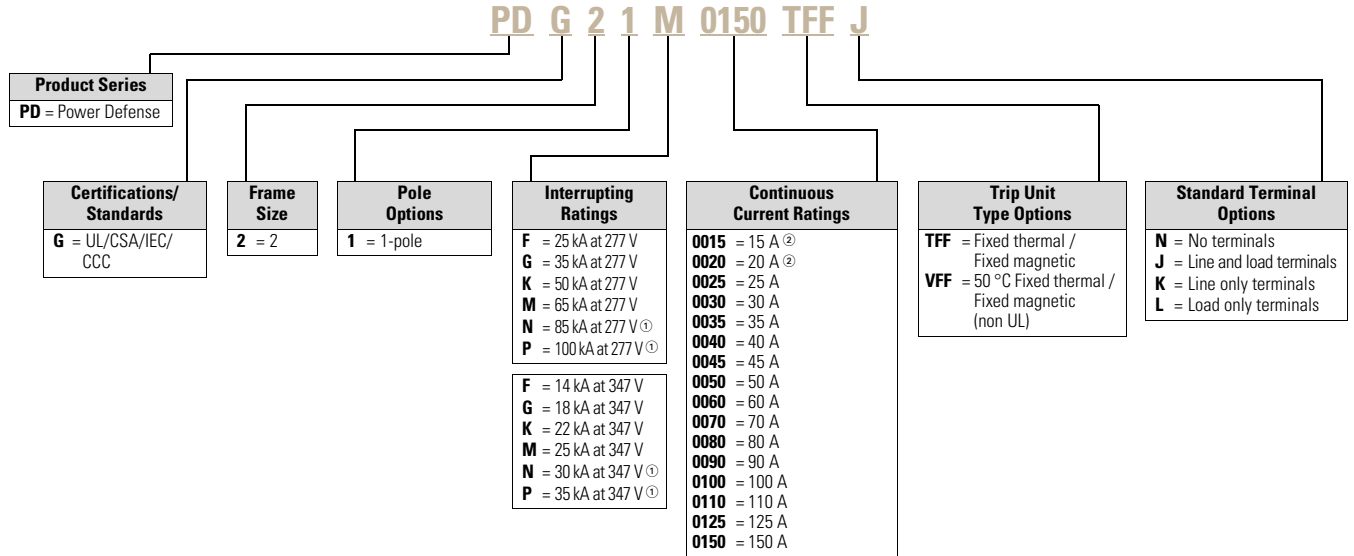


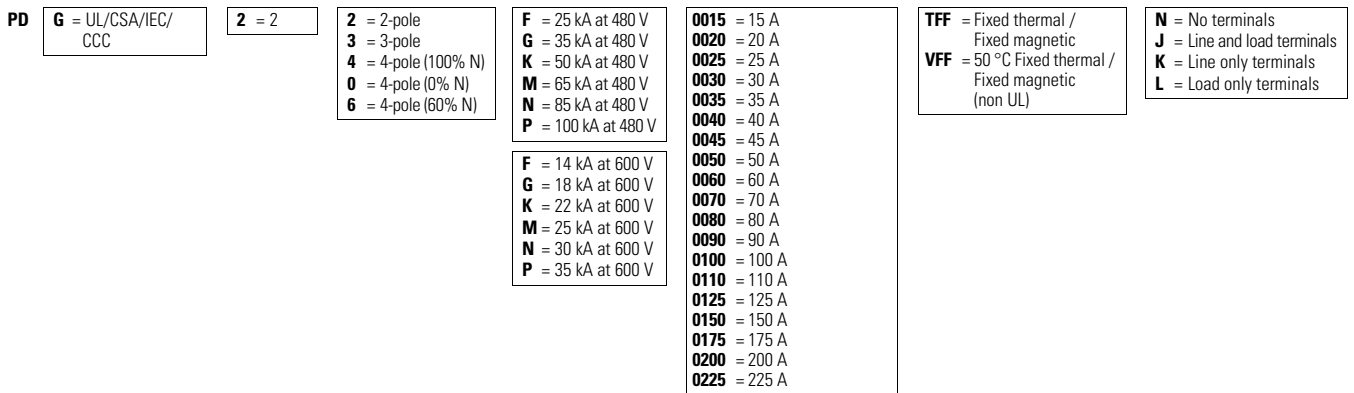
Power Defense—Frame Size 2 (15–225 A)

This information is presented as a tool to develop catalog numbers for selecting Power Defense circuit breakers and trip units.

Molded Case Circuit Breakers (Single-Pole) with Thermal-Magnetic Trip Units (TMTU)—Globally Rated



Molded Case Circuit Breakers (Two-, Three- and Four-Pole) with Thermal-Magnetic Trip Units—Globally Rated



Notes

- ① N and P ratings available for 15–30 A on single-pole breakers.
- ② UL listed for SWD applications, see NEC Article 240.83(d).

2.2

Molded Case Circuit Breakers

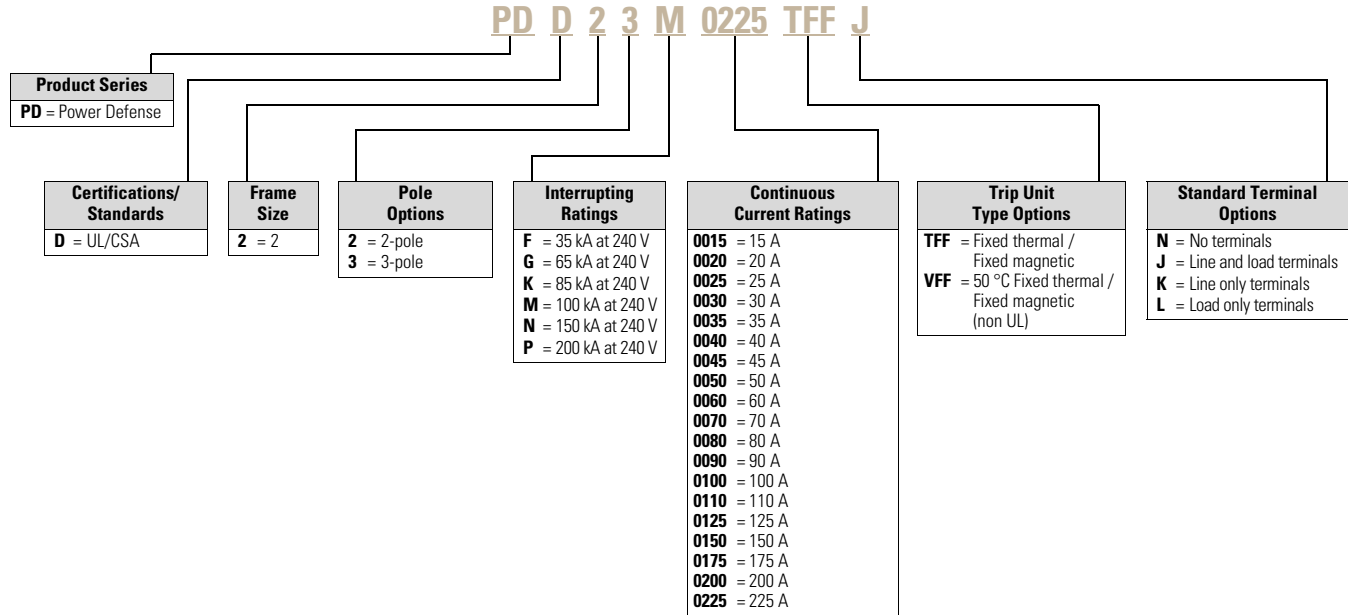
Power Defense Molded Case Circuit Breakers

2

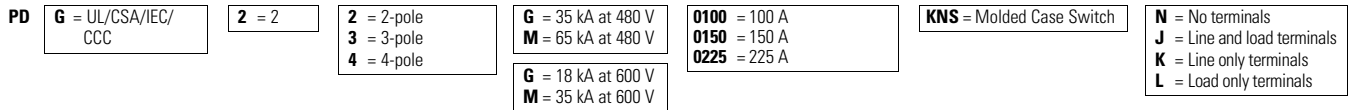
Power Defense—Frame Size 2 (15–225 A)

This information is presented as a tool to develop catalog numbers for selecting Power Defense circuit breakers and trip units.

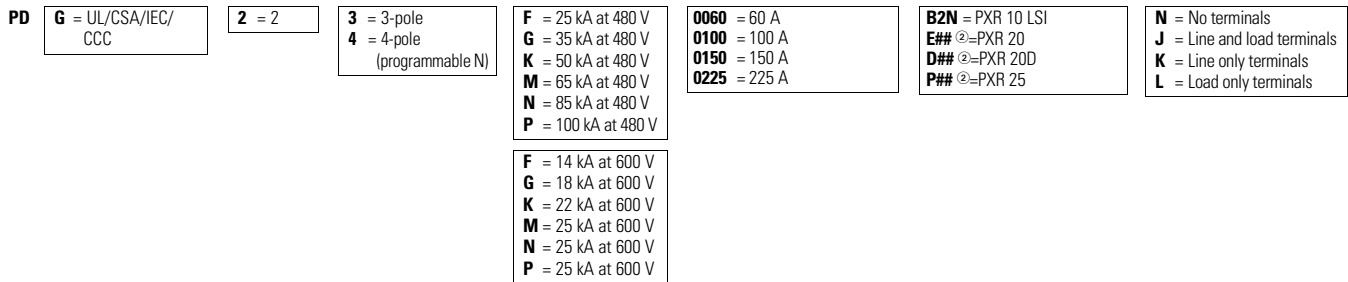
Molded Case Circuit Breakers with TMTU—UL/CSA Rated to 240 Vac



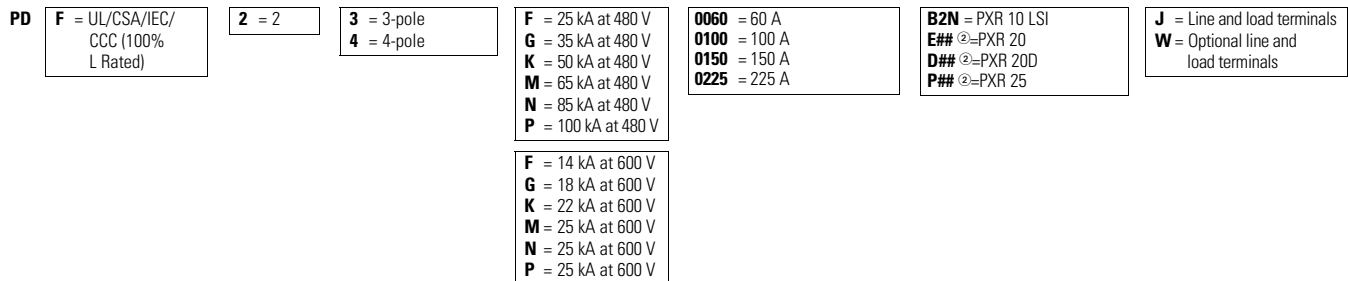
Molded Case Switches—Globally Rated ①



Molded Case Circuit Breakers with Power Xpert Release Electronic Trip Units (ETU)—Globally Rated



Molded Case Circuit Breakers with Power Xpert Release Electronic Trip Units (ETU)—100% UL Rated



Notes

- ① Molded case switch may open above 1800 A.
- ② See tables and descriptions on **Page V4-T2-33** for protection type (#₁) and available configured options (#₂).

Power Defense MPCB—Frame Size 3 (45–600 A)

Frame Size 3 covers a range of 45 A through 600 A using PXR 10 and PXR 25 electronic trip units. It is available in 3-pole configurations. Frame 3 has two specific constructions, one each for 400 A and 600 A. The 600 A construction provides a unique capability to be used at 400 A and below in applications requiring higher fixed instantaneous levels. This is accomplished by using a letter H in the 7th digit of the catalog number.

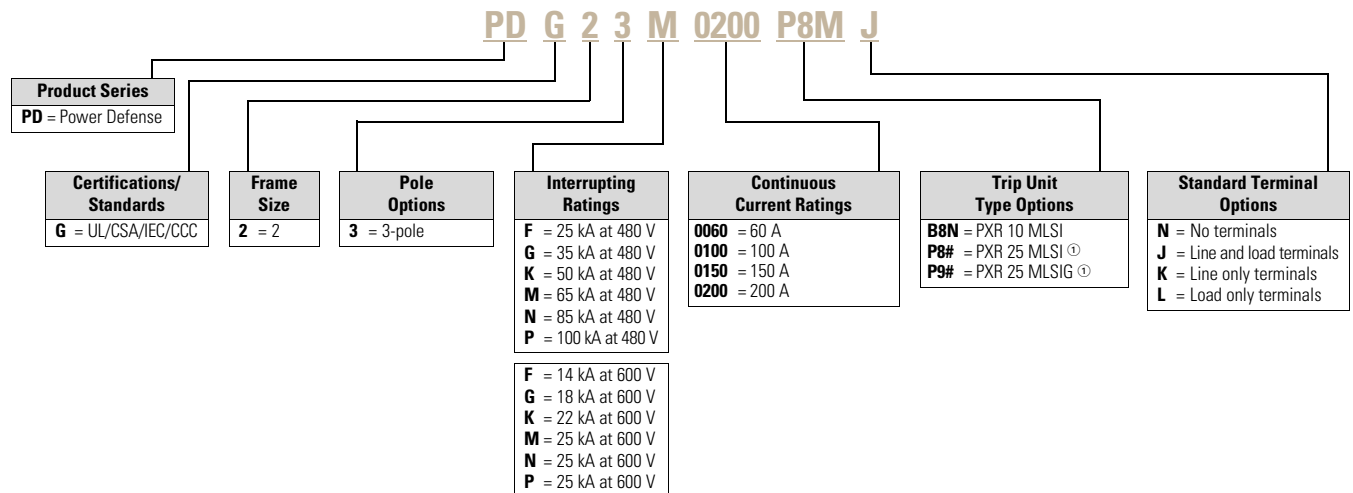
Interrupting Ratings

Catalog Designator	F		G		K		M		N		P	
UL/CSA	kA rms		kA rms		kA rms		kA rms		kA rms		kA rms	
240 Vac	35		65		85		100		150		200	
480 Vac	25		35		50		65		85		100	
600 Vac	14		18		25		35		50		65	
125/250 Vdc	—		—		—		—		—		—	
IEC	I_{cu}	I_{cs}	I_{cu}	I_{cs}	I_{cu}	I_{cs}	I_{cu}	I_{cs}	I_{cu}	I_{cs}	I_{cu}	I_{cs}
240 Vac	35	35	55	55	85	85	100	100	150	100	200	150
380–415 Vac	25	25	36	36	50	50	70	53	70	70	100	70
440 Vac	25	20	30	22.5	35	35	50	40	70	50	100	50
480 Vac	20	20	25	20	35	22.5	50	30	65	40	85	40
525 Vac	18	5	20	7.5	25	10	30	15	35	25	40	25
660–690 Vac	—	—	8	4	10	5	15	7.5	20	10	20	10
125/250 Vdc	—	—	—	—	—	—	—	—	—	—	—	—

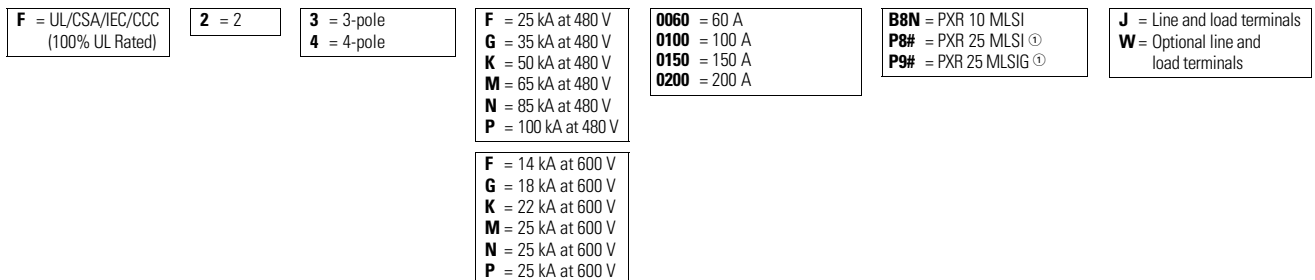
MPCB with Power Xpert (PXR) Electronic Trip Units (ETU)

This information is presented as a tool to develop catalog numbers for selecting Power Defense circuit breakers and trip units.

Frame Size 2 MPCB with PXR ETU—Globally Rated



Frame Size 2 MPCB with PXR ETU—Globally Rated (100% UL Rated)



Note

① See "Power Xpert Release (PXR) Trip Unit Options" table on Page V4-T2-101 for # (Available Configured Options).

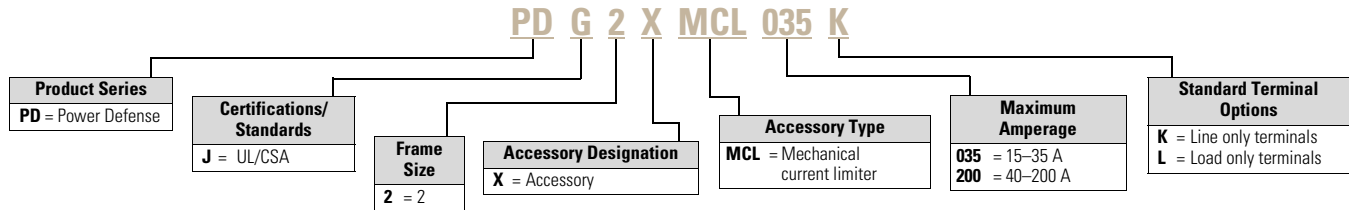
Catalog Number / Product Selection

2

Interrupting Ratings (Three-Pole)

Type	Product	Amperes	480 Vac		600 Vac		415 Vac (IEC)		690 Vac (IEC)	
			(UL)	(UL)	(UL)	(UL)	I _{CU}	I _{CS}	I _{CU}	I _{CS}
PDG13(P) thermal-magnetic	Breaker only	15–125	100	35 ①	100	100	-	-	-	-
	With limiter	15–100	150	100 ①	150	150	-	-	-	-
PDG23(P) thermal-magnetic	Breaker only	15–225	100	35	100	70	10	5	10	5
	With limiter	40–200	200	200	—	—	—	—	—	—
PDG23(P) PXR electronic	Breaker only	15–225	100	35	100	70	10	5	10	5
	With limiter	—	—	—	—	—	—	—	—	—

Mechanical Current-Limiting Module



Terminals

Terminal Body Type	Wire Type	Wire Class	Number of Conductors per Phase	AWG/kcmil Range per Conductor	Metric (mm ²) Range per Conductor	Three-Pole Catalog Number	Digit 12 Designation	
							Line Only	Load Only
Aluminum	Cu/Al	B, C	1	#8–350	10–185	TA250FJ	K	L

Dimensions and Weights

Approximate dimensions in inches (mm)

Height	Width	Depth	Weight in lb (kg)
6.06 (153)	4.13 (104.9)	3.39 (86.1)	8.50 (3.86)

Note

① 600Y/347 V