

2.2

Molded Case Circuit Breakers

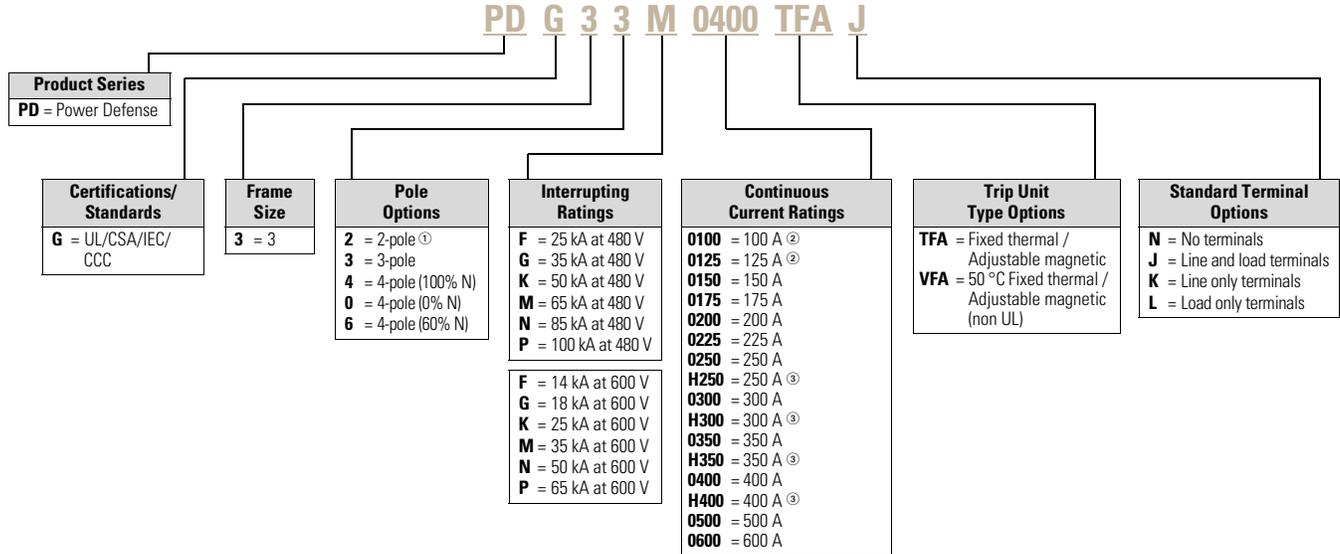
Power Defense Molded Case Circuit Breakers

Molded Case Circuit Breaker

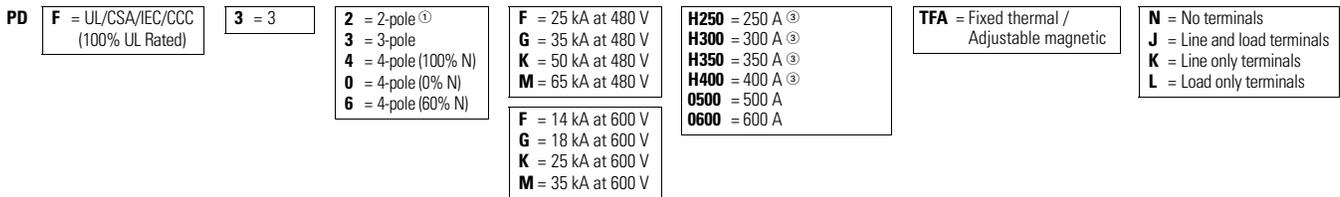
This information is presented as a tool to develop catalog numbers for selecting Power Defense circuit breakers and trip units.

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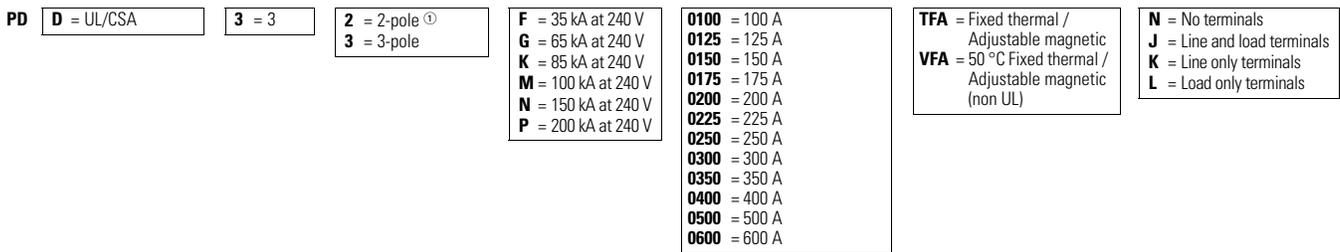
Molded Case Circuit Breaker with Thermal-Magnetic Trip Units (TMTU)—Globally Rated



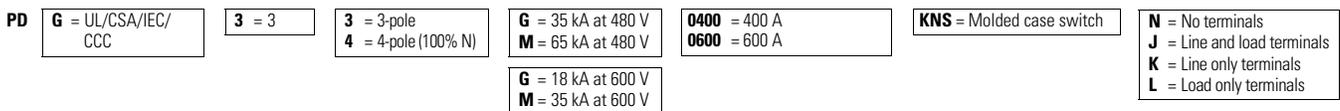
Molded Case Circuit Breakers with TMTU—Globally Rated (100% UL Rated)



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



Molded Case Switches—Globally Rated



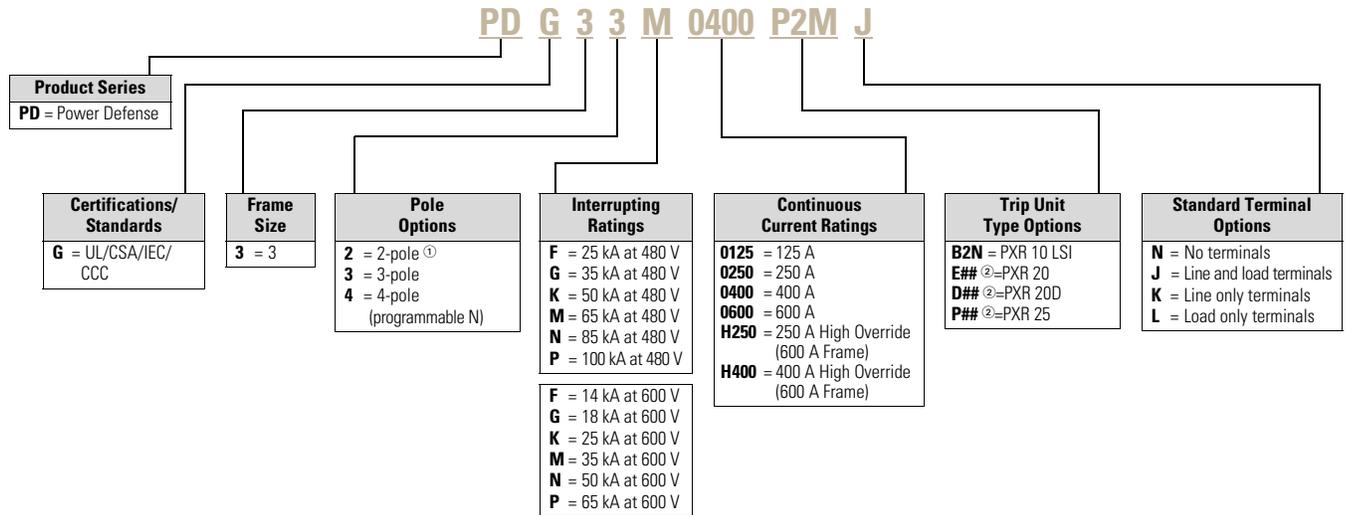
Notes

- ① All PD-3 2-pole breakers are physically the same size as a 3-pole frame with the outer poles used for electrical connections.
- ② Not available in 4-pole 60% neutral protection.
- ③ High override (600 A frame).
- ④ Molded case switches may open above 4000 A for the 400 A frame, and above 6300 A for the 600 A frame.

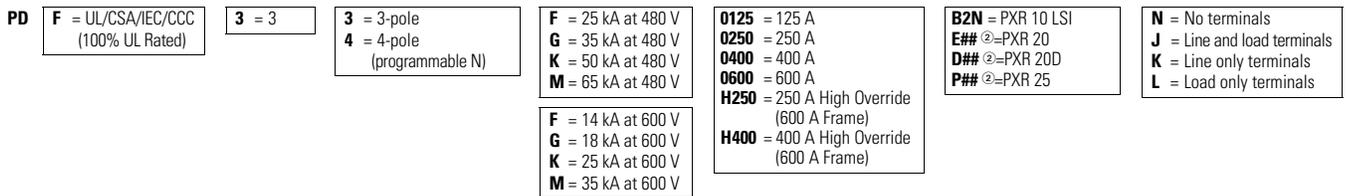
Molded Case Circuit Breakers with Power Xpert Release (PXR) Electronic Trip Units (ETU)

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

Molded Case Circuit Breakers with PXR ETU—Globally Rated



Molded Case Circuit Breakers with PXR ETU—Globally Rated (100% UL Rated)



Note

- ① All PD-3 2-pole breakers are physically the same size as a 3-pole frame with the outer poles used for electrical connections.
- ② See PXR Trip Unit Options table on **Page V4-T2-48** for protection type (#₁) and available configured options (#₂).

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Molded Case Circuit Breakers

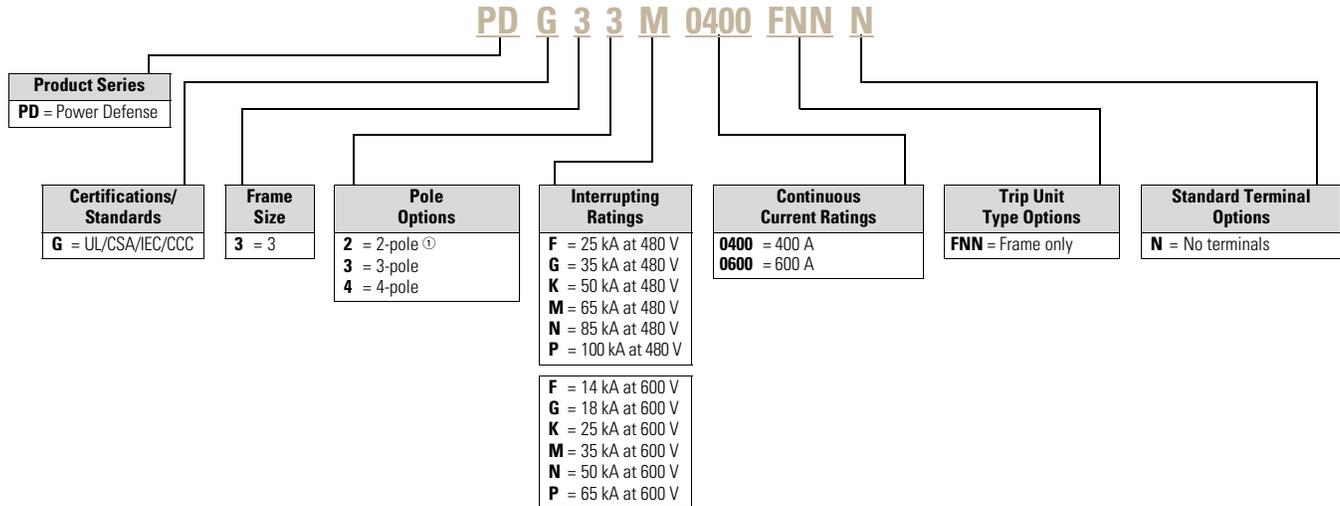
Power Defense Molded Case Circuit Breakers

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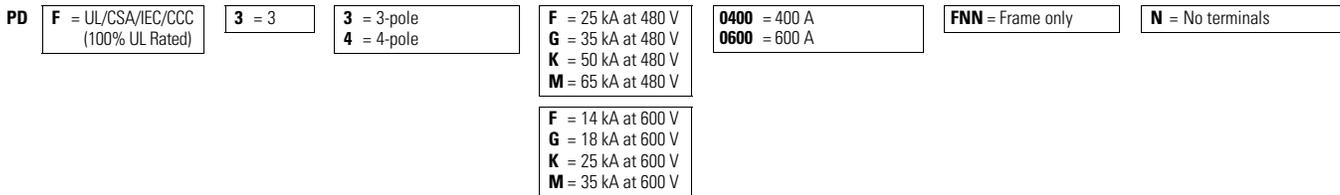
Globally Rated Frame Only

PD-3 thermal-magnetic and electronic breakers may also be purchased as separate frames, trip units, terminals and accessories for field configuration of a final breaker. Each Frame Only device is marked with interrupting ratings and a maximum continuous current rating; each trip unit is also marked with a maximum continuous current rating, which must not exceed that of the frame. Additionally, 100% UL Rated frames are marked as such on the Frame Only device.

Frame Only—Globally Rated



Frame Only—Globally Rated (100% UL Rated)



Note

① All PD-3 2-pole breakers are physically the same size as a 3-pole frame with the outer poles used for electrical connections.

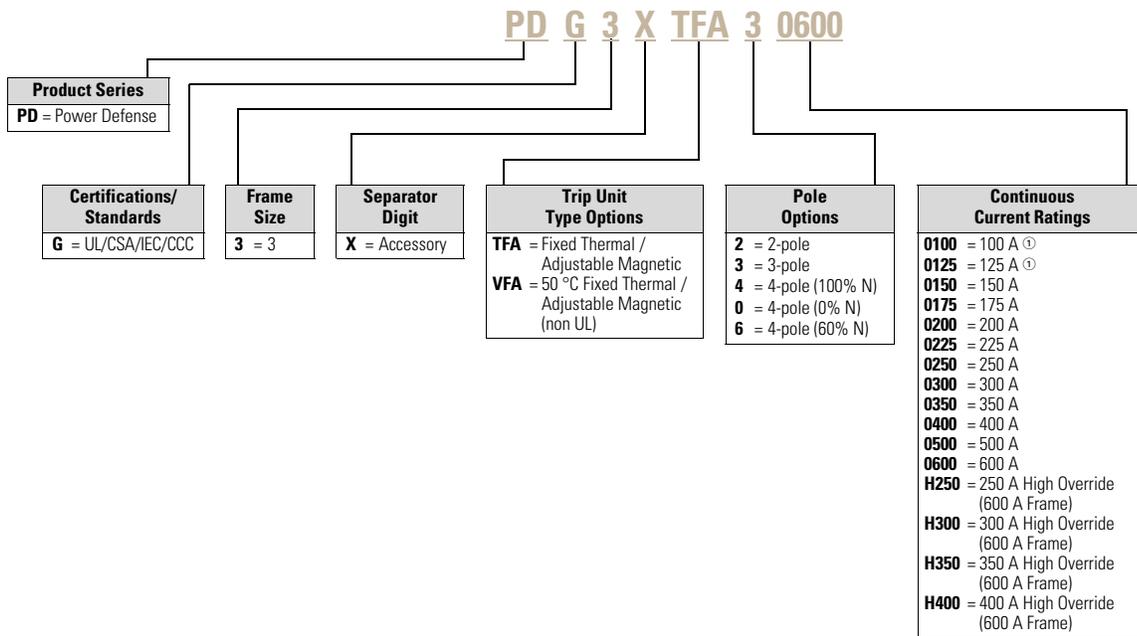
Trip Units

PD-3 thermal-magnetic and electronic breakers may also be purchased as separate frames, trip units, terminals and accessories for field configuration of a final breaker. The 400 A frame must use trip units of ratings 0100–0400, while the 600 A frame must use trip units of ratings 0500, 0600 or designated by **H**, such as *H250*. Additionally, for 2-pole breakers using electronic trip units, 3-pole trip units are used. PDG designated trip units are for use with PDG and PDF breaker frames. The 100% rating for PDF (100% UL Rated) is marked on the frame, not the trip unit.

Trip Units Only

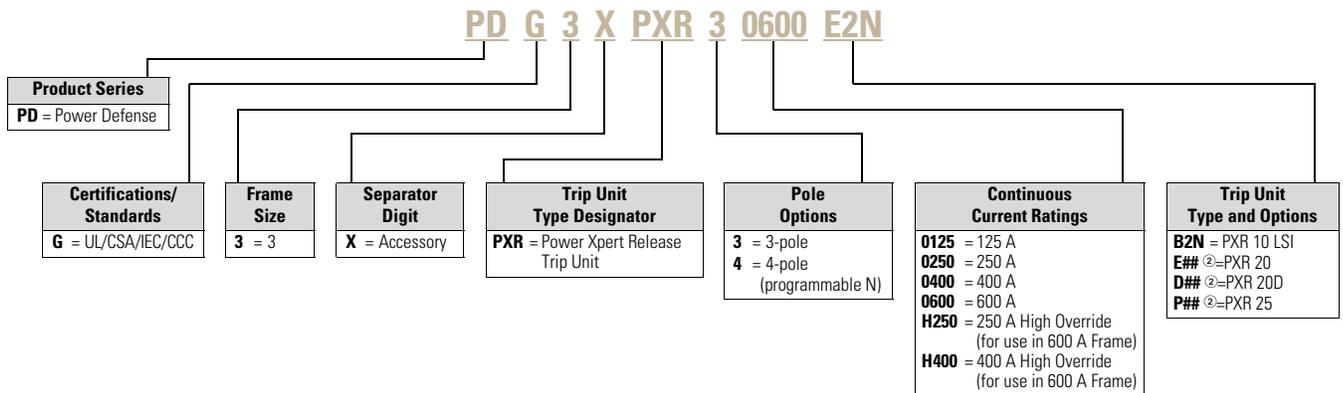
This information is presented as a tool to develop catalog numbers for selecting Power Defense circuit breakers and trip units.

Thermal-Magnetic Trip Units



Power Xpert Release (PXR) Electronic Trip Units

Power Xpert Release (PXR) Electronic Trip Units



Notes

- ① Not available in 4-pole 60% neutral protection.
- ② See tables and descriptions on **Page V4-T2-48** for protection type (#₁) and available configured options (#₂).

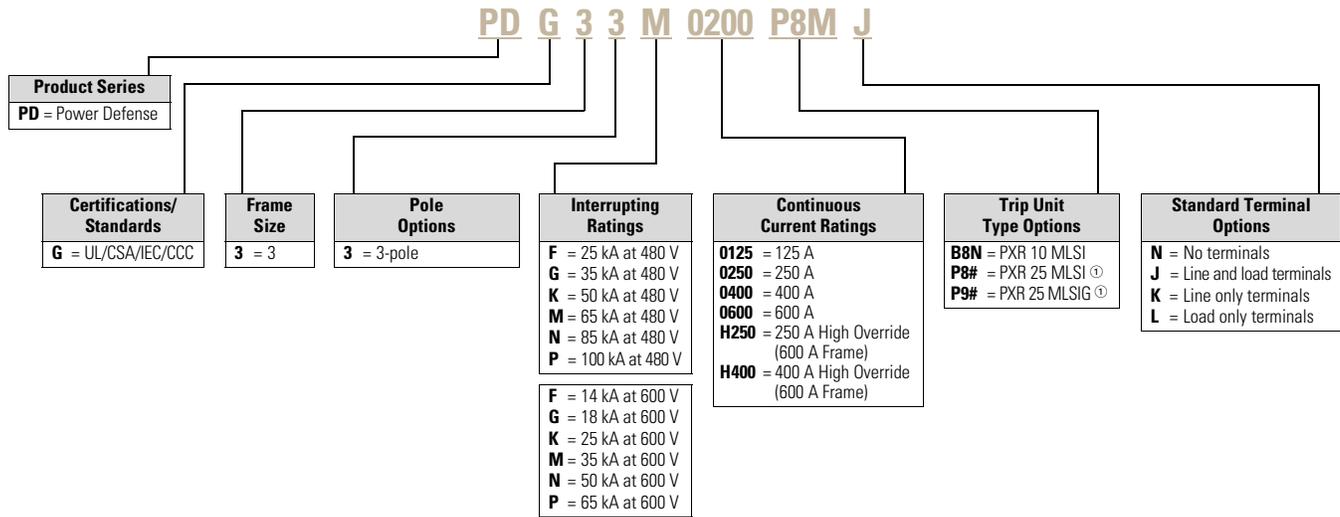
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Molded Case Circuit Breakers

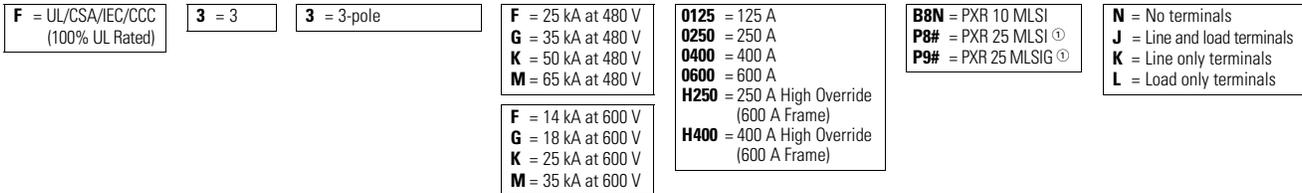
Power Defense Molded Case Circuit Breakers

Frame Size 3 MPCB with PXR ETU—Globally Rated

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Frame Size 3 MPCB with PXR ETU—Globally Rated (100% UL Rated)



Note

① See "Power Xpert Release (PXR) Trip Unit Options" table on the next page for # (Available Configured Options).