



2-Pole Q-Frame with Thermal-Magnetic Trip Unit
70–250

3-Pole Q-Frame with Thermal-Magnetic Trip Unit
70–250 A

Q-Frame Molded Case Circuit Breakers (250 A)

PowerPacT Q-frame circuit breakers are used for overcurrent protection and switching on 240 Vac applications.^[20]

- Fixed thermal magnetic protection from 70–250 A at 240 Vac
- 2- and 3-pole unit mount and I-Line constructions^[21]
- UL listed interruption ratings from 10 kA to 100 kA at 240 Vac
- Available in standard (80%) rating only
- UL 489 Listed, CSA, NOM and IEC certified

Table 7.61: PowerPacT Q-Frame 250 A Thermal-Magnetic Circuit Breaker (240 Vac)

Ampere Rating	Fixed AC Magnetic Trip		Interrupting Rating				Terminal Wire Range
	Hold	Trip	B	D	G	J	
2P, 240 Vac							
70 A	1000 A	1800 A	QBL22070	QDL22070	QGL22070	QJL22070	#4 AWG - 300 kcmil Al/Cu
80 A	1000 A	1800 A	QBL22080	QDL22080	QGL22080	QJL22080	
90 A	1000 A	1800 A	QBL22090	QDL22090	QGL22090	QJL22090	
100 A	1200 A	2400 A	QBL22100	QDL22100	QGL22100	QJL22100	
110 A	1200 A	2400 A	QBL22110	QDL22110	QGL22110	QJL22110	
125 A	1200 A	2400 A	QBL22125	QDL22125	QGL22125	QJL22125	
150 A	1200 A	2400 A	QBL22150	QDL22150	QGL22150	QJL22150	
175 A	1200 A	2400 A	QBL22175	QDL22175	QGL22175	QJL22175	
200 A	1200 A	2400 A	QBL22200	QDL22200	QGL22200	QJL22200	
225 A	1200 A	2400 A	QBL22225	QDL22225	QGL22225	QJL22225	
250 A [22]	1200 A	2400 A	QBL22250	QDL22250	QGL22250	QJL22250	
3P, 240 Vac							
70 A	1000 A	1800 A	QBL32070	QDL32070	QGL32070	QJL32070	#4 AWG - 300 kcmil Al/Cu
80 A	1000 A	1800 A	QBL32080	QDL32080	QGL32080	QJL32080	
90 A	1000 A	1800 A	QBL32090	QDL32090	QGL32090	QJL32090	
100 A	1200 A	2400 A	QBL32100	QDL32100	QGL32100	QJL32100	
110 A	1200 A	2400 A	QBL32110	QDL32110	QGL32110	QJL32110	
125 A	1200 A	2400 A	QBL32125	QDL32125	QGL32125	QJL32125	
150 A	1200 A	2400 A	QBL32150	QDL32150	QGL32150	QJL32150	
175 A	1200 A	2400 A	QBL32175	QDL32175	QGL32175	QJL32175	
200 A	1200 A	2400 A	QBL32200	QDL32200	QGL32200	QJL32200	
225 A	1200 A	2400 A	QBL32225	QDL32225	QGL32225	QJL32225	
250 A [23]	1200 A	2400 A	QBL32250	QDL32250	QGL32250	QJL32250	

Table 7.62: Q-Frame Interrupting Ratings

Voltage	Interrupting Rating			
	B	D	G	J
240 Vac	10 kA	25 kA	65 kA	100 kA [24]

Table 7.63: Q-Frame Termination Options

Termination Letter	
A = I-Line (See Section 9—Panelboards)	Q G L 3 2 2 0 0 For factory-installed termination, place termination letter in the third block of the circuit breaker catalog number.
E = Bolt-on I-Line (See Section 9)	
F = No lugs	
L = Lugs both ends	
M = Lugs ON end, studs on OFF end	
P = Lugs OFF end, studs on ON end	

Dimension see page 7-86

Enclosures see page 7-87

[20] Replacement lugs and electrical accessories are not available for PowerPacT Q-frame circuit breakers.

[21] Q-frame can be used as main or sub-feed circuit breaker in a NQ panelboard.

[22] 250 A lugs are suitable for copper conductors only.

[23] 250 A circuit breakers are suitable for copper conductors only.

[24] 3P QJ circuit breakers are rated at 208Y/120 Vac only.