

PowerPact® Q-Frame Molded Case Circuit Breakers and Switches Description

Description

The PowerPact® Q-frame line of circuit breakers include QB, QD, QG and QJ molded case circuit breakers and QB automatic switches. They are rated 240 Vac, 250 A max. and are available in lug or bus-connected unit-mount constructions, or I-Line® group-mounted construction.

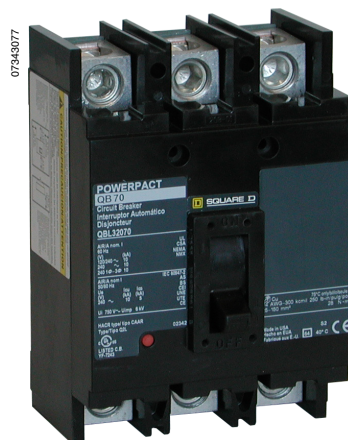
Applications

The PowerPact Q-frame circuit breakers are used for overcurrent protection and switching on ac systems. PowerPact Q-frame circuit breakers are rated for 240 Vac (208Y/120 Vac for 3-pole 100 kA) and are available with UL® Listed interruption ratings from 10 kA to 100 kA. Unit-mount circuit breakers are available with lugs on both ends for cabled applications or with mounting studs for bus-mounted applications. These circuit breakers may be mounted in individual enclosures, metering devices, panelboards or switchboards. The I-Line circuit breakers are specifically designed for use in I-Line panelboards and switchboards.

The PowerPact Q-frame circuit breaker is a direct replacement for the Q2 Series device.



PowerPact Q-Frame 2P Unit-Mount Molded Case Circuit Breaker



PowerPact Q-Frame 3P Unit-Mount Molded Case Circuit Breaker



PowerPact Q-Frame 2P I-Line Molded Case Circuit Breaker



PowerPact Q-Frame 3P I-Line Molded Case Circuit Breaker

Figure 1: PowerPact Q-Frame Circuit Breakers

PowerPact® Q-Frame Molded Case Circuit Breakers and Switches Catalog Numbering System

Catalog Numbering System

NOTE: When ordering circuit breakers, catalog number may be collapsed if character is not needed.

Table 1: Catalog Numbering System for PowerPact® Q-Frame Circuit Breakers

Number Segment	Character	Description	Q	B	L	3	2	250	4	LW ¹
Circuit Breaker Family	Q									
Circuit Breaker Type (Interrupting Rating)	B	10 kA								
	D	25 kA								
	G	65 kA								
	J	100 kA								
Connection Type	A	I-Line shroud on ON (I) end								
	E	I-Line bolt-on configuration								
	F	No lugs (bus connection)								
	L	Lugs on both ends								
	M	Lugs on ON (I) end only								
Poles	P	Lugs on OFF (O) end only								
	2									
240 V Only	3									
	2									
Continuous Current Rating (A)	70									
	80									
	90									
	100									
	110									
	125									
	150									
	200									
	225									
	250 ²									
	000 S 22 = Switch (QB only)									
I-Line® Phasing	2-pole	1 = AB								
		2 = AC								
		3 = BA								
		4 = BC								
		5 = CA								
		6 = CB								
	3-pole	None = ABC								
		6 = CBA								
Special Ambient	C	A = 50°C ³								
Termination Options	T	M = Lugs applied to OFF (O) end; studs with nuts and washers on ON (I) end								
		N = Lugs applied to ON (I) end; studs applied to OFF(O) end								
		P = Studs applied to ON (I) end lugs applied to OFF (O) end								
		S = Studs on both ends (no nuts or washers)								
Control Taps	L	U = Control taps applied to ON (I) end								
		V = Control taps applied to OFF (O) end								
		W = Control taps applied to both ends								
Special Features	Y	D = Calibration test report supplied								
		F = Fungus treatment								
		P = Handle padlock attachment, ON (I) or (OFF) position								
		Q = Handle padlock attachment, OFF (O) position only								

¹ May be multiple options.

² 250 A not available in I-Line.