

Ampere Rating	AC Magnetic Trip Settings Amperes	Two Pole ★		Three Pole		Standard Lug Kit Wire Range
		Catalogue No.	Price	Catalogue No.	Price	

**100 Ampere Frame**

**FI Current Limiting I-LIMITER**

	Hold	Trip	600Vac	600Vac	
20	275	600	FI26020( )	FI36020	AL50FA
30	275	600	FI26030( )	FI36030	1-#14-#4 Cu or 1-#12-#4 AL
40	400	850	FI26040( )	FI36040	
50	750	850	FI26050( )	FI36050	
60	800	1700	FI26060( )	FI36060	AL100FA
70	800	1700	FI26070( )	FI36070	1-#14-#41/0 Cu or 1-#12-#1/0 AL
80	800	1700	FI26080( )	FI36080	
90	800	1700	FI26090( )	FI36090	
100	800	1700	FI26100( )	FI36100	

★ Two pole catalogue numbers are completed by adding required phase connection letters as suffix to catalogue number (ex. FI26100AB).

**CSA Listed Interrupting Rating RMS Symmetrical Amperes**

Breaker Catalogue Number Prefix	System Voltage AC		
	250	480	600
FI	200k	200k	100k

**225 Ampere Frame**

Ampere Rating AC Magnetic Trip Settings Amperes B - Interrupting D - Interrupting G - Interrupting J - Interrupting

**POWERPACT™ Q-frame ■ - 225A, Thermal-magnetic (240V)**

2-Pole, 240 Vac						
	Hold	Trip	10,000 AIC	25,000 AIC	65,000 AIC	100,000 AIC
70	1200	2400	QBA22070(*)	QDA22070(*)	QGA22070(*)	QJA22070(*)
80	1200	2400	QBA22080(*)	QDA22080(*)	QGA22080(*)	QJA22080(*)
90	1200	2400	QBA22090(*)	QDA22090(*)	QGA22090(*)	QJA22090(*)
100	1200	2400	QBA22100(*)	QDA22100(*)	QGA22100(*)	QJA22100(*)
110	1200	2400	QBA22110(*)	QDA22110(*)	QGA22110(*)	QJA22110(*)
125	1200	2400	QBA22125(*)	QDA22125(*)	QGA22125(*)	QJA22125(*)
150	1200	2400	QBA22150(*)	QDA22150(*)	QGA22150(*)	QJA22150(*)
175	1200	2400	QBA22175(*)	QDA22175(*)	QGA22175(*)	QJA22175(*)
200	1200	2400	QBA22200(*)	QDA22200(*)	QGA22200(*)	QJA22200(*)
225	1200	2400	QBA22225(*)	QDA22225(*)	QGA22225(*)	QJA22225(*)

3-Pole, 240 Vac						
	Hold	Trip	10,000 AIC	25,000 AIC	65,000 AIC	100,000 AIC
70	1200	2400	QBA32070(**)	QDA32070(**)	QGA32070(**)	QJA32070(**)
80	1200	2400	QBA32080(**)	QDA32080(**)	QGA32080(**)	QJA32080(**)
90	1200	2400	QBA32090(**)	QDA32090(**)	QGA32090(**)	QJA32090(**)
100	1200	2400	QBA32100(**)	QDA32100(**)	QGA32100(**)	QJA32100(**)
110	1200	2400	QBA32110(**)	QDA32110(**)	QGA32110(**)	QJA32110(**)
125	1200	2400	QBA32125(**)	QDA32125(**)	QGA32125(**)	QJA32125(**)
150	1200	2400	QBA32150(**)	QDA32150(**)	QGA32150(**)	QJA32150(**)
175	1200	2400	QBA32175(**)	QDA32175(**)	QGA32175(**)	QJA32175(**)
200	1200	2400	QBA32200(**)	QDA32200(**)	QGA32200(**)	QJA32200(**)
225	1200	2400	QBA32225(**)	QDA32225(**)	QGA32225(**)	QJA32225(**)

■ Replacement lugs are not available on QB, QD, QG, or QJ circuit breakers. Lugs for QB, QD, QG, or QJ circuit breakers accept one #4 AWG–300 kcmil. No accessories are available for PowerPact Q Frame breakers.

\* 2-pole Breaker Catalogue Numbers are completed by adding the required phase connection number as a suffix to the circuit breaker.

- AB=1
- AC=2
- BA=3
- BC=4
- CA=5
- CB=6

\*\* 3-pole Breaker Catalogue Numbers are completed by adding the required phase connection number as a suffix to the circuit breaker.

ABC=Standard no suffix required  
CBA=6

# Selection Information

## Molded Case Circuit Breakers

Class 500, 600, 800

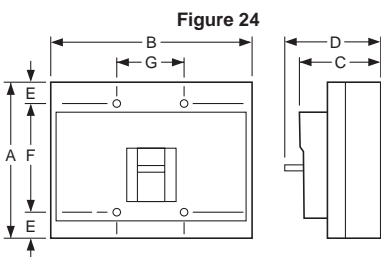
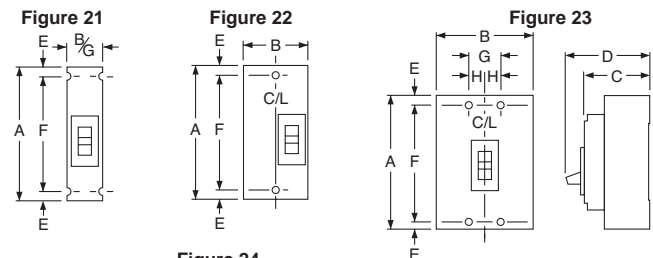
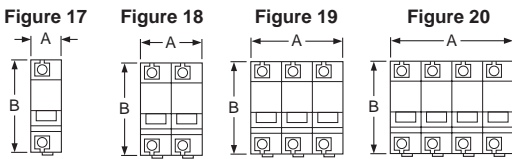
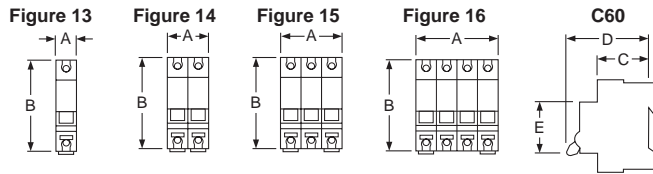
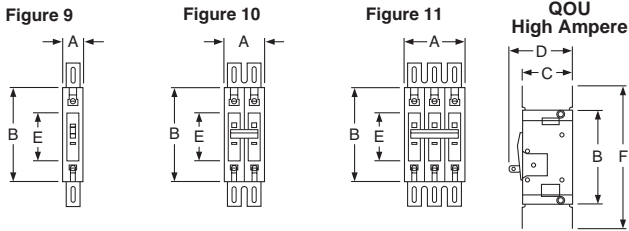
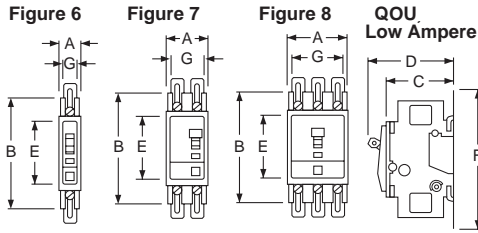
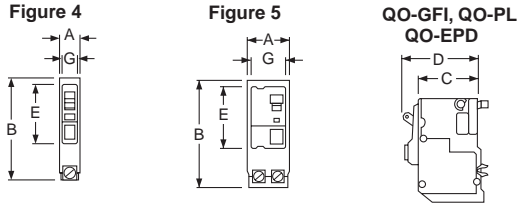
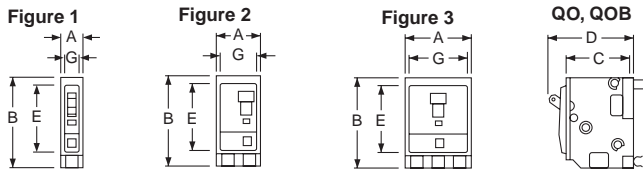
	PowerPact 250 A Q-Frame				PowerPact 600 A L-Frame									
														
<b>Circuit Breaker Type</b>	QB	QD	QG	QJ	LD	LG	LJ	LL	LR					
<b>Number of Poles</b>	2, 3	2, 3	2, 3	2, 3	3, 4	3, 4	3, 4	3, 4	3, 4					
<b>Current Range</b>	70–250■	70–250■	70–250■	70–250■	70–600	70–600	70–600	70–600	70–600					
<b>Interrupting Ratings</b>														
UL/CSA/NOM Rating (kA RMS) (50/60 Hz)	240 Vac	10	25	65	100	25	65	100	125	200				
	480Y/277 Vac	—	—	—	—	18	35	65	100	200				
	480 Vac	—	—	—	—	18	35	65	100	200				
	600Y/347 Vac	—	—	—	—	14	18	25	50	100				
DC Ratings	600 Vac	—	—	—	—	14	18	25	50	100				
	250 Vdc★	—	—	—	—	—	—	—	—	—				
IEC Rating (kA RMS) Icu/Ics★	500 Vdc◆★	—	—	—	—	—	—	—	—	—				
	240 Vac	10/5	10/5	10/5	10/5	25/25	65/65	100/100	125/125	125/125				
	415 Vac	10/5	10/5	10/5	10/5	18/18	35/35	65/65	100/100	100/100				
<b>Special Ratings</b>														
CCC	—	—	—	—	X	X	X	X	X					
Fed. Specs W-C-375B/GEN	X	X	X	X	—	—	—	—	—					
HACR (2P, 3P)	X	X	X	—	X	X	X	X	X					
<b>Connections/Terminations</b>														
Unit Mount	X	X	X	X	X	X	X	X	X					
I-Line™	X	X	X	X	X	X	X	X	X					
Rear Connection	—	—	—	—	X	X	X	X	X					
Drawout	—	—	—	—	X	X	X	X	X					
Optional Lugs	—	—	—	—	X	X	X	X	X					
<b>Accessories and Modifications</b>														
Shunt Trip	—	—	—	—	X	X	X	X	X					
Undervoltage Trip	—	—	—	—	X	X	X	X	X					
Auxiliary Switches	—	—	—	—	X	X	X	X	X					
Alarm Switch	—	—	—	—	X	X	X	X	X					
Motor Operator	—	—	—	—	X	X	X	X	X					
Handle Operators	—	—	—	—	X	X	X	X	X					
Mechanical Interlocks (3P)	X	X	X	X	X	X	X	X	X					
Handle Padlock Attachment	X	X	X	X	X	X	X	X	X					
Cylinder Lock (3P△)	—	—	—	—	—	—	—	—	—					
Optional GF Protection▼	—	—	—	—	X	X	X	X	X					
<b>Trip System Type</b>														
Thermal-magnetic	X	X	X	X	—	—	—	—	—					
Instantaneous-only (MCP)	—	—	—	—	X	X	X	X	X					
Molded Case Switch (Automatic)	X	—	—	—	—	X	—	X	X					
Electronic	—	—	—	—	X	X	X	X	X					
<b>Enclosures (Pages DE3-56–DE3-58)</b>														
General Purpose (NEMA 1)	X	X	X	X	—	—	—	—	—					
Raintight (NEMA 3R)	X	X	X	X	—	—	—	—	—					
Dust-tight (NEMA 12)	—	—	—	—	—	—	—	—	—					
Watertight (NEMA 4, 4X, 5)	—	—	—	—	—	—	—	—	—					
Explosion Proof (NEMA 7, 9)	—	—	—	—	—	—	—	—	—					
Dimensions (3P Unit Mount) in. (mm)	Height	6.47 (164)				13.38 (340)								
	Width	4.5 (114)				5.51 (140)								
	Depth	3.93 (100)				4.33 (110)								
Pages (Unit Mount)/(I-Line)					Pages DE3-24/Section DE5					Pages DE3-25/DE3-33				

Note: All circuit breakers on this chart are UL Listed and CSA Certified unless otherwise noted.

- ▲ 2P in a 3P module.
- I-Line Q-frame circuit breakers are available 70–225 A only. 250 A Q-frame unit-mount circuit breakers are limited to Cu conductors only.
- ◆ Ungrounded UPS systems only. See page DE3-35. Special DC J-Frame only.
- ★ Dual CSA/UL and IEC ratings and CE markings on circuit breakers.
- ▼ Requires factory-installed "G" shunt trip and 3P module.
- △ Factory-installed option only.
- 3P only.
- ◆ 70–250 A with electronic trip system.
- ★ Not available with electronic trip units.

# Dimensions and Shipping Weights

## Miniature and Molded Case Circuit Breakers



### QO™, QOU, Multi 9™ Circuit Breakers

Circuit Breaker Catalogue No. Prefix	No. Poles	Fig. No.	Dimensions—Inches						
			A	B	C	D	E	F	G
QO, QOB	1	1	0.75	3.00▲	2.31	2.91	2.25	...	0.59
	2	2	1.50	3.00▲	2.31	2.91	2.25	...	1.34
	3	3	2.25	3.00▲	2.31	2.91	2.25	...	2.09
QOB-VH 150 A QOB-VH 110–150 A	2	2	3.0	5.72	2.53	4.90	3.78	...	2.85
	3	3	4.50	5.72	2.53	4.90	3.78	...	4.35
QO-PL QO-GFI QO-EPD	1	4	0.75	4.12■	2.31	2.91	2.25	...	0.59
	2	5	1.50	4.12■	2.31	2.91	2.25	...	1.34
	3	5	2.25	4.12■	2.31	2.91	2.25	...	2.09
QOU Low Ampere	1	6	0.75	4.05♦	2.38	2.98	2.25	5.00▼	0.62
	2	7	1.50	4.05♦	2.38	2.98	2.25	5.00▼	1.37
	3	8	2.25	4.05★	2.38	2.98	2.25	5.00△	2.12
QOU High Ampere	1	9	0.75	4.45	2.37	2.96	2.25	6.78	...
	2	10	1.50	4.45	2.37	2.96	2.25	6.78	...
	3	11	2.25	4.45	2.37	2.96	2.25	6.78	...
Multi 9™ C60	1	13	0.71	3.19	1.73	2.76	1.77	—	—
	2	14	1.42	3.19	1.73	2.76	1.77	—	—
	3	15	2.13	3.19	1.73	2.76	1.77	—	—
	4	16	2.84	3.19	1.73	2.76	1.77	—	—

- ▲ 35–70 A is 3.12 in; 80–100 A 2-pole and 70–100 A 3-pole are 3.50 in.
- QO-PL is 4.55 in.
- ♦ 80–100 A 1-pole and 80–125 A 2-pole are 4.45 in.
- ★ 70–100 A 4.45 in.
- ▼ 80–100 A 1-pole and 80–125 A 2-pole are 6.78 in.
- △ 70–100 A is 6.78 in.

### QB, QD, QG, QJ, Q4, FA, FI, KI, LA, LH Circuit Breakers

Circuit Breaker Catalogue No. Prefix	No. Poles	Fig. No.	Dimensions—Inches							
			A	B	C	D	E	F	G	H
QB, QD, QG, QJ	2	22	6.47	3.00	3.02	3.93	□	4.25	...	...
	3	23	6.47	4.50	3.02	3.93	□	4.25	1.50	0.75
FAL, FHL	1	21	6.00	1.50	3.16	4.13	0.44	5.13	1.50	...
	2	22	6.00	3.00	3.16	4.13	0.44	5.13	...	...
	3	23	6.00	4.50	3.16	4.13	0.44	5.13	1.50	0.75
FIL, KIL	2 & 3	23	8.00	4.50	3.66	4.75	0.44	7.13	1.50	0.75
Q4L, LAL, LHL	2 & 3	23	11.00	6.00	4.06	5.84	0.88	9.25	2.00	1.00

□ Dimensions E are 1.59 in at ON end and 0.63 in at OFF end.

### Shipping Weights ◊

Frame Size	Approx. Shipping Weight (Lbs.)	Frame Size	Approx. Shipping Weight (Lbs.)
FAL, FHL 1P	2	KIL	9
FAL, FHL 2P	3	LAL, LHL	15
FAL, FHL 3P	5	LIL LXIL	25
FIL	8	Q4L	15
QB, QD, QG, QJ	4		

◊ All weights are for 3P circuit breakers unless otherwise noted.