

Catalog Numbering System for Thermal-Magnetic Molded Case Circuit Breakers

	FA	L	3	6	100	2100
Circuit Breaker Family	FA, FH, FC, FI KA, KH, KC, KI LA, LH, LC, LI MA, MH NA, NC	Note: "A" is replaced by letter "H" for high interrupting circuit breaker. "A" is replaced by letter "C" for extra high interrupting circuit breaker. "A" is replaced by the letter "I" for current-limiting circuit breakers.				
No Letter – I-LINE L – Lugs on both ends	F – Terminal pads only (No Lugs) P – Lugs OFF end only					
1 – 1-pole 2 – 2-pole 3 – 3-pole						
2 – 240 Vac 4 – 480 Vac 6 – 600 Vac						
015-1200 – Ampere rating 000M-0000M – Molded case switch (automatic)						
Special Features A, B, C – I-LINE phase connections XXXX – Factory-installed accessories						



KAL/KHL
 2- and 3-pole
 70-250 Amperes



KIL36250

K Frame – 250 A, Thermal-Magnetic (600 Vac)

Continuous Current Rating @ 40° C	AC Magnetic Trip Settings▲		Standard Interrupting		High Interrupting		Current Limiting		Terminal Wire Range
	Low	High	Catalog Number	Price	Catalog Number	Price	Catalog Number	Price	
2-Pole, 600 Vac, 250 Vdc									
70	350	700	KAL26070	\$1315.	KHL26070	\$3072.	AL250KA 1-#4 AWG-350 kcmil
80	400	800	KAL26080	1315.	KHL26080	3072.	...	...
90	450	900	KAL26090	1315.	KHL26090	3072.	...	...
100	500	1000	KAL26100	1315.	KHL26100	3072.	...	...
110	550	1100	KAL26110	1315.	KHL26110	3072.	KIL26110	\$3922.	
125	625	1250	KAL26125	1315.	KHL26125	3072.	KIL26125	3922.	
150	750	1500	KAL26150	1315.	KHL26150	3072.	KIL26150	3922.	
175	875	1750	KAL26175	1315.	KHL26175	3072.	KIL26175	3922.	
200	1000	2000	KAL26200	1315.	KHL26200	3072.	...	...
225	1125	2250	KAL26225	1315.	KHL26225	3072.	...	...
250	1250	2500	KAL26250	2286.	KHL26250	4039.	...	...
200	1000	2000	...	...	...	...	KIL26200	3922.
225	1125	2250	...	...	...	...	KIL26225	3922.
250	1250	2500	...	...	...	...	KIL26250	4586.
3-Pole, 600 Vac, 250 Vdc									
70	350	700	KAL36070	\$1650.	KHL36070	\$3713.	AL250KA 1-#4 AWG-350 kcmil
80	400	800	KAL36080	1650.	KHL36080	3713.	...	...
90	450	900	KAL36090	1650.	KHL36090	3713.	...	...
100	500	1000	KAL36100	1650.	KHL36100	3713.	...	...
110	550	1100	KAL36110	1650.	KHL36110	3713.	KIL36110	\$4923.	
125	625	1250	KAL36125	1650.	KHL36125	3713.	KIL36125	4923.	
150	750	1500	KAL36150	1650.	KHL36150	3713.	KIL36150	4923.	
175	875	1750	KAL36175	1650.	KHL36175	3713.	KIL36175	4923.	
200	1000	2000	KAL36200	1650.	KHL36200	3713.	...	...
225	1125	2250	KAL36225	1650.	KHL36225	3713.	...	...
250	1250	2500	KAL36250	2751.	KHL36250	4824.	...	...
200	1000	2000	...	...	...	...	KIL36200	4923.
225	1125	2250	...	...	...	...	KIL36225	4923.
250	1250	2500	...	...	...	...	KIL36250	5766.

K Frame – 250 A, Thermal-Magnetic (480 Vac)

Continuous Current Rating @ 40° C	AC Magnetic Trip Settings▲		Extra High Interrupting		Terminal Wire Range
	Low	High	Catalog Number	Price	
2-Pole, 480 Vac					
110	550	1100	KCL24110	\$3465.	AL250KA 1-#4 AWG-350 kcmil
125	625	1250	KCL24125	3465.	
150	750	1500	KCL24150	3465.	
175	875	1750	KCL24175	3465.	
200	1000	2000	KCL24200	3465.	AL250KI 1-#1/0 AWG-350 kcmil
225	1125	2250	KCL24225	3465.	
250	1250	2500	KCL24250	4248.	
3-Pole, 480 Vac					
110	550	1100	KCL34110	4331.	AL250KA 1-#4 AWG-350 kcmil
125	625	1250	KCL34125	4331.	
150	750	1500	KCL34150	4331.	
175	875	1750	KCL34175	4331.	
200	1000	2000	KCL34200	4331.	AL250KI 1-#1/0 AWG-350 kcmil
225	1125	2250	KCL34225	4331.	
250	1250	2500	KCL34250	5314.	

▲ UL magnetic trip setting tolerances are ±25% (low) and ±20% (high) from nominal values shown.

Interrupting Ratings (kA)

	KAL	KHL	KCL	KIL
240 V	42	65	100	200
480 V	25	35	65	200
600 V	22	25	...	100

Accessories Pages 6-37–6-39
 Optional Lugs Pages 6-40, 6-41
 Dimensions Page 6-45, 6-46
 Enclosures Pages 6-47–6-50

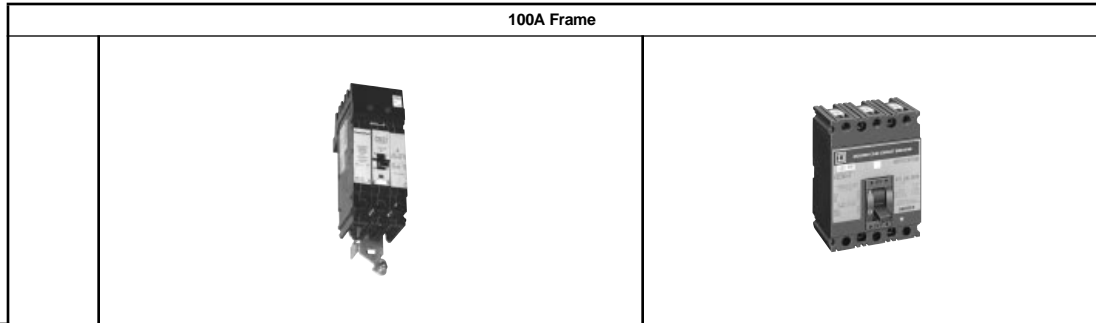
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Selection Information

Class 500, 600, 800

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Breaker Type	FA (240 V)	FD		FG		FJ		FA		FH	FH	FH	
Number of Poles	1, 2, 3	1	2, 3	1	2, 3	1	2, 3	1	2, 3	1	1	2, 3	
Current Range	15-100	15-70	15-100	15-70	15-100	15-70	15-100	15-100	15-100	15-30	35-100	15-100	
Interrupting Ratings													
UL/CSA/NOM Rating (kA RMS) (50/60 Hz AC)	240 Vac	10	18	25	35	65	65	100	18	25	65	25	65
	480Y/277 Vac	...	18	18	35	35	65	65	18	18	65	25	25
	480 Vac	...	...	...	...	...	...	...	...	18	...	...	25
	600Y/347 Vac	...	...	...	...	...	...	...	...	14	...	...	18
	600 Vac	...	...	...	...	...	...	...	...	14	...	...	18
DC Ratings	250 Vdc	5*	...	...	...	...	...	...	10*	10	10*	10*	10
	500 Vdc ♦	...	...	...	...	...	...	...	...	...	...	...	20
IEC 947-2 415/240 Vac (Icu/Ics) ☆	10/2.5	...	...	...	...	...	...	...	10/2.5	10/2.5	10/2.5	10/2.5	10/2.5
IEC 947-2 50/60 Hz	For additional IEC ratings, see Supplemental Digest.												
Special Ratings													
Fed. Specs W-C-375B/GEN	✓	...	...	...	...	...	...	...	✓	✓	✓	✓	✓
HACR (2, 3-Pole)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Connections/Terminations													
Unit Mount	✓								✓	✓	✓	✓	✓
I-LINE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓
Rear Connection	✓								✓	✓			✓
Drawout													
Optional Lugs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Accessories and Modifications													
Shunt Trip	✓●	✓●	✓●	✓●	✓●	✓●	✓●	✓●		✓●			✓●
Undervoltage Trip	✓●									✓●			✓●
Auxiliary Switches	✓●	✓●	✓●	✓●	✓●	✓●	✓●	✓●		✓●			✓●
Alarm Switch	✓●	✓●	✓●	✓●	✓●	✓●	✓●	✓●	✓●	✓●	✓●	✓●	✓●
Motor Operator	✓								✓	✓			✓
Handle Operators	✓									✓	✓	✓	✓
Mechanical Interlocks (3-Pole)	✓■									✓■			✓■
Handle Padlock Attachment	✓	✓●	✓●	✓●	✓●	✓●	✓●	✓●	✓	✓	✓	✓	✓
Cylinder Lock (3-Pole)	✓●									✓●			✓●
Optional GF Protection	✓▲									✓▲			✓▲
Trip System Type													
Thermal Magnetic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Instantaneous Trip (3-Pole)										✓			✓
Molded Case Switch (Automatic)													✓
Electronic													
Enclosures (Pages 6-47-6-50)													
General Purpose (NEMA Type 1)	✓								✓	✓	✓	✓	✓
Raintight (NEMA Type 3R)	✓								✓	✓	✓	✓	✓
Dusttight (NEMA Type 12)	✓								✓	✓	✓	✓	✓
Watertight (NEMA Type 4, 4X, 5)	✓								✓	✓	✓	✓	✓
Explosion Proof (NEMA Type 7, 9)	✓								✓	✓	✓	✓	✓
Dimensions (3P Unit Mount)	Height IN (mm)	6 (152)											6 (152)
	Width IN (mm)	4.5 (114)											4.5 (114)
	Depth IN (mm)	4.13 (105)											4.13 (105)
Pages (Unit Mount)/(I-LINE)	Page 6-21	Page 8-28						Pages 6-21, 6-22, 8-29, 8-30					

NOTE: All circuit breakers on this chart are UL Listed and CSA Certified unless otherwise noted.
 ● Factory installed option only ■ Requires breaker with WB suffix.
 ♦ Ungrounded UPS systems only ▲ Requires factory installed "G" Shunt trip and 3-Pole module.
 * 1-Pole has 125 Vdc rating only ☆ Dual UL and IEC ratings and CE markings on circuit breakers. For additional IEC ratings, see Supplemental Digest.

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Thermal-magnetic molded case circuit breakers shown on Pages 6-21 thru 6-25 are permanent trip UL Listed, CSA certified, IEC rated, and also meet the requirements of Federal Specification W-C-375B/GEN as indicated on Pages 6-4 thru 6-8. For I-LINE® molded case circuit breakers, see listings on Pages 8-24-8-34.



FAL
 1-pole
 15-100 Amperes



FAL/FHL
 2-pole
 15-100 Amperes



FAL/FHL/FCL
 3-pole
 15-100 Amperes

Interrupting Ratings (kA)

	FAL240	FAL480	FCL
240 V	10	18 (1P), 25 (2, 3P)	100
480 V	...	18	65
600 V	...	...	...

- AccessoriesPages 6-37-6-39
- Optional LugsPages 6-40, 6-41
- DimensionsPage 6-45, 6-46
- EnclosuresPages 6-47-6-50
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F Frame – 100 A, Thermal-Magnetic (240 Vac)

Continuous Current Rating @ 40° C	AC Magnetic Trip Settings		Standard Interrupting		Terminal Wire Range
	Hold	Trip	Catalog Number	Price	
1-Pole, 120 Vac					
15	275	600	FAL12015	\$126.	AL50FA #14-#4 AWG Cu or #12-#4 AWG Al
20	275	600	FAL12020	126.	
25	275	600	FAL12025	126.	
30	275	600	FAL12030	126.	
35	400	850	FAL12035	126.	AL100FA #14-#1/0 AWG Cu or #12-#1/0 AWG Al
40	400	850	FAL12040	126.	
45	400	850	FAL12045	126.	
50	400	850	FAL12050	126.	
60	800	1450	FAL12060	126.	
70	800	1450	FAL12070	166.	
80	800	1450	FAL12080	166.	
90	900	1700	FAL12090	166.	
100	900	1700	FAL12100	166.	
2-Pole, 240 Vac					
15	275	600	FAL22015	\$211.	AL50FA #14-#4 AWG Cu or #12-#4 AWG Al
20	275	600	FAL22020	211.	
25	275	600	FAL22025	211.	
30	275	600	FAL22030	211.	
35	400	850	FAL22035	211.	AL100FA #14-#1/0 AWG Cu or #12-#1/0 AWG Al
40	400	850	FAL22040	211.	
45	400	850	FAL22045	211.	
50	400	850	FAL22050	211.	
60	800	1450	FAL22060	211.	
70	800	1450	FAL22070	345.	
80	800	1450	FAL22080	345.	
90	900	1700	FAL22090	345.	
100	900	1700	FAL22100	345.	
3-Pole, 240 Vac					
15	275	600	FAL32015	\$314.	AL50FA #14-#4 AWG Cu or #12-#4 AWG Al
20	275	600	FAL32020	314.	
25	275	600	FAL32025	314.	
30	275	600	FAL32030	314.	
35	400	850	FAL32035	314.	AL100FA #14-#1/0 AWG Cu or #12-#1/0 AWG Al
40	400	850	FAL32040	314.	
45	400	850	FAL32045	314.	
50	400	850	FAL32050	314.	
60	800	1450	FAL32060	314.	
70	800	1450	FAL32070	447.	
80	800	1450	FAL32080	447.	
90	900	1700	FAL32090	447.	
100	900	1700	FAL32100	447.	

F Frame – 100 A, Thermal-Magnetic (480 Vac)

Continuous Current Rating @ 40° C	AC Magnetic Trip Settings		Standard Interrupting		Extra High Interrupting		Terminal Wire Range	FC Lugs
	Hold	Trip	Catalog Number	Price	Catalog Number	Price		
1-Pole, 277 Vac, 125 Vdc								
15	275	600	FAL14015	\$159.	AL50FA #14-#4 AWG Cu or #12-#4 AWG Al	...
20	275	600	FAL14020	159.	...	...
25	275	600	FAL14025	159.	...	...
30	275	600	FAL14030	159.	...	...
35	400	850	FAL14035	159.	AL100FA #14-#1/0 AWG Cu or #12-#1/0 AWG Al	...
40	400	850	FAL14040	159.	...	...
45	400	850	FAL14045	159.	...	...
50	400	850	FAL14050	159.	...	...
60	800	1450	FAL14060	159.	...	...
70	800	1450	FAL14070	198.	...	...
80	800	1450	FAL14080	198.	...	...
90	900	1700	FAL14090	198.	...	...
100	900	1700	FAL14100	198.	...	...
2-Pole, 480 Vac, 250 Vdct†								
15	275	600	FAL24015	\$387.	FCL24015	\$ 919.	AL50FA #14-#4 AWG Cu or #12-#4 AWG Al	CU30FA4 1-#14-#10 AWG CU only
20	275	600	FAL24020	387.	FCL24020	919.		
25	275	600	FAL24025	387.	FCL24025	919.		
30	275	600	FAL24030	387.	FCL24030	919.		
35	400	850	FAL24035	387.	FCL24035	919.	AL100FA #14-#1/0 AWG Cu or #12-#1/0 AWG Al	AL100FA4 1-#14-#3 AWG CU or 1-#12-#1 AWG AL
40	400	850	FAL24040	387.	FCL24040	919.		
45	400	850	FAL24045	387.	FCL24045	919.		
50	400	850	FAL24050	387.	FCL24050	919.		
60	800	1450	FAL24060	387.	FCL24060	919.		
70	800	1450	FAL24070	500.	FCL24070	1131.		
80	800	1450	FAL24080	500.	FCL24080	1131.		
90	900	1700	FAL24090	500.	FCL24090	1131.		
100	900	1700	FAL24100	500.	FCL24100	1131.		
3-Pole, 480 Vac, 250 Vdct†								
15	275	600	FAL34015	\$496.	FCL34015	\$1149.	AL50FA #14-#4 AWG Cu or #12-#4 AWG Al	CU30FA4 1-#14-#10 AWG CU only
20	275	600	FAL34020	496.	FCL34020	1149.		
25	275	600	FAL34025	496.	FCL34025	1149.		
30	275	600	FAL34030	496.	FCL34030	1149.		
35	400	850	FAL34035	496.	FCL34035	1149.	AL100FA #14-#1/0 AWG Cu or #12-#1/0 AWG Al	AL100FA4 1-#14-#3 AWG CU or 1-#12-#1 AWG AL
40	400	850	FAL34040	496.	FCL34040	1149.		
45	400	850	FAL34045	496.	FCL34045	1149.		
50	400	850	FAL34050	496.	FCL34050	1149.		
60	800	1450	FAL34060	496.	FCL34060	1149.		
70	800	1450	FAL34070	587.	FCL34070	1413.		
80	800	1450	FAL34080	587.	FCL34080	1413.		
90	900	1700	FAL34090	587.	FCL34090	1413.		
100	900	1700	FAL34100	587.	FCL34100	1413.		

† FCL 2-pole circuit breaker built using 3-pole module.
 † FCL circuit breakers are not rated for 250 Vdc.

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Thermal-Magnetic Molded Case

100, 225 Ampere Frame
Class 525, 650, 734, 820

Square D
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FOR CURRENT INFORMATION



FIL36100



GJL 3-pole
circuit breaker



Q2L
2- and 3-pole
100-225 Amperes

F Frame – 100 A, Thermal-Magnetic (600 Vac)

Continuous Current Rating @ 40° C	AC Magnetic Trip Settings		Standard Interrupting		High Interrupting		Current Limiting		Terminal Wire Range
	Hold	Trip	Catalog Number	Price	Catalog Number	Price	Catalog Number	Price	
1-Pole, 277 Vac, 125 Vdc									
15	275	600	FHL16015	\$287.	AL50FA #14-#4 AWG Cu or #12-#4 AWG Al
20	275	600	...	...	FHL16020	287.	...	...
25	275	600	...	...	FHL16025	287.	...	...
30	275	600	...	...	FHL16030	287.	...	...
35	400	850	FHL16035	287.	AL100FA #14-#1/0 AWG Cu or #12-#1/0 AWG Al
40	400	850	...	...	FHL16040	287.	...	...
45	400	850	...	...	FHL16045	287.	...	...
50	400	850	...	...	FHL16050	287.	...	...
60	800	1450	...	...	FHL16060	287.	...	...
70	800	1450	...	...	FHL16070	323.	...	...
80	800	1450	...	...	FHL16080	323.	...	...
90	900	1700	...	...	FHL16090	323.	...	...
100	900	1700	...	...	FHL16100	323.	...	...
2-Pole, 600 Vac, 250 Vdc									
15	275	600	FAL26015	\$447.	FHL26015	\$738.	AL50FA #14-#4 AWG Cu or #12-#4 AWG Al
20	275	600	FAL26020	447.	FHL26020	738.	FIL26020	\$1671.	
25	275	600	FAL26025	447.	FHL26025	738.	...	...
30	275	600	FAL26030	447.	FHL26030	738.	FIL26030	1671.	
35	400	850	FAL26035	447.	FHL26035	738.	AL100FA #14-#1/0 AWG Cu or #12-#1/0 AWG Al
40	400	850	FAL26040	447.	FHL26040	738.	FIL26040	1671.	
45	400	850	FAL26045	447.	FHL26045	738.	...	...
50	400	850	FAL26050	447.	FHL26050	738.	FIL26050	1671.	
60	800	1450	FAL26060	447.	FHL26060	738.	FIL26060	1671.	
70	800	1450	FAL26070	565.	FHL26070	859.	FIL26070	1671.	
80	800	1450	FAL26080	565.	FHL26080	859.	FIL26080	1671.	
90	900	1700	FAL26090	565.	FHL26090	859.	FIL26090	1671.	
100	900	1700	FAL26100	565.	FHL26100	859.	FIL26100	1671.	
3-Pole, 600 Vac, 250 Vdc									
15	275	600	FAL36015	\$575.	FHL36015	\$862.	AL50FA #14-#4 AWG Cu or #12-#4 AWG Al
20	275	600	FAL36020	575.	FHL36020	862.	FIL36020	\$2092.	
25	275	600	FAL36025	575.	FHL36025	862.	...	...
30	275	600	FAL36030	575.	FHL36030	862.	FIL36030	2092.	
35	400	850	FAL36035	575.	FHL36035	862.	AL100FA #14-#1/0 AWG Cu or #12-#1/0 AWG Al
40	400	850	FAL36040	575.	FHL36040	862.	FIL36040	2092.	
45	400	850	FAL36045	575.	FHL36045	862.	...	...
50	400	850	FAL36050	575.	FHL36050	862.	FIL36050	2092.	
60	800	1450	FAL36060	575.	FHL36060	862.	FIL36060	2092.	
70	800	1450	FAL36070	708.	FHL36070	978.	FIL36070	2092.	
80	800	1450	FAL36080	708.	FHL36080	978.	FIL36080	2092.	
90	900	1700	FAL36090	708.	FHL36090	978.	FIL36090	2092.	
100	900	1700	FAL36100	708.	FHL36100	978.	FIL36100	2092.	

POWERPACT® G Frame – 100 A, Thermal-Magnetic (600Y/347 Vac)

Continuous Current Rating @ 40° C	AC Magnetic Trip Settings		J Interrupting		Terminal Wire Range
	Hold	Trip	Catalog Number	Price	
3-Pole, Vac, Vdc					
15	600	1200	GJL36015	\$1264.	#14-#1/0 AWG Cu #8-#1/0 AWG Al
20	600	1200	GJL36020	1264.	
30	600	1200	GJL36030	1264.	
40	600	1200	GJL36040	1264.	
50	800	1400	GJL36050	1264.	
60	800	1400	GJL36060	1264.	
70	800	1400	GJL36070	1554.	
80	800	1400	GJL36080	1554.	
100	800	1400	GJL36100	1554.	

Q Frame – 225 A, Thermal-Magnetic (240 Vac)

Continuous Current Rating @ 40° C	AC Magnetic Trip Settings		Standard Interrupting		High Interrupting		Extra High Interrupting	
	Hold	Trip	Catalog Number	Price	Catalog Number	Price	Catalog Number	Price
2-Pole, 240 Vac								
100	1400	2400	Q2L2100●	\$301.	Q2L2100H	\$726.	Q2LH2100	\$966.
110	1400	2400	Q2L2110●	301.	Q2L2110H	726.	Q2LH2110	966.
125	1400	2400	Q2L2125●	301.	Q2L2125H	726.	Q2LH2125	966.
150	1400	2400	Q2L2150●	301.	Q2L2150H	726.	Q2LH2150	966.
175	1400	2400	Q2L2175●	301.	Q2L2175H	726.	Q2LH2175	966.
200	1400	2400	Q2L2200●	301.	Q2L2200H	726.	Q2LH2200	966.
225	1400	2400	Q2L2225●	301.	Q2L2225H	726.	Q2LH2225	966.
3-Pole, 240 Vac								
100	1400	2400	Q2L3100	\$792.	Q2L3100H	\$1132.	...	...
110	1400	2400	Q2L3110	792.	Q2L3110H	1132.	...	...
125	1400	2400	Q2L3125	792.	Q2L3125H	1132.	...	...
150	1400	2400	Q2L3150	792.	Q2L3150H	1132.	...	...
175	1400	2400	Q2L3175	792.	Q2L3175H	1132.	...	...
200	1400	2400	Q2L3200	792.	Q2L3200H	1132.	...	...
225	1400	2400	Q2L3225	792.	Q2L3225H	1132.	...	...

★ Accessories and replacement lugs are not available on the Q2 circuit breaker. Lugs for the Q2 circuit breakers accept 1-#4 AWG-300 kcmil.
● 2-pole Q2 is 10 kA at 120/240 Vac.

Interrupting Ratings (kA)

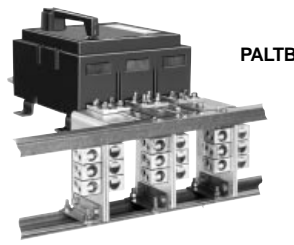
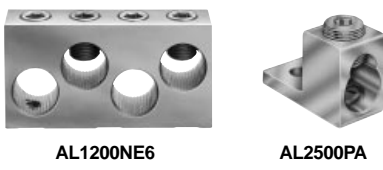
	FAL	FHL	FIL	GJL	Q2L	Q2L-H	Q2LH
240 V	25	25 (1P:35-100A), 65 (2, 3P)	200	100	10●	22	42
480 V	18	25 (2, 3P)	200	65	...	...	...
600 V	14	18 (2, 3P)	100	18▲	...	...	...

▲ GJL is rated 18 kA at 600Y/347 Vac.

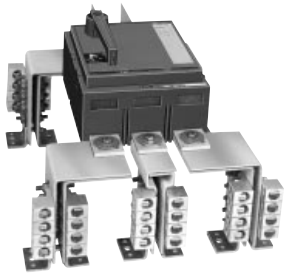
Accessories Pages 6-37-6-39
Optional Lugs Pages 6-40, 6-41
Dimensions Page 6-45, 6-46
Enclosures Pages 6-47-6-50
Catalog Numbering System Page 6-23

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PAF, PHF, PXF-12, PEF-12, PXF-16, PEF-16, and PXF-20 circuit breakers can be bus or cable connected. For cable connections, optional terminal pad kit PALTB or equivalent bus structure is required. Each PALTB kit contains terminal pads for one end of the circuit breaker only and has provisions for mounting a maximum of six lugs per phase. Order lugs separately. See this page and Page 6-41.



PCF, PEF-20, PXF-25 or PEF-25 circuit breakers are supplied with terminal pads for both ends of the circuit breaker. The supplied terminal pads or equivalent bus structure must be used for bus or cable connections. Terminal pads have provisions for mounting a maximum of eight lugs per phase. Order lugs separately. See this page and Page 6-41.

Mechanical Lug Kit Information

Circuit Breaker Application				Number of Wires Per Lug and Wire Range♦	Kit Catalog Number	Lugs Per Kit	Price Per Kit
Standard	Ampere Rating	Optional	Ampere Rating				
Al Lugs for Use with Al or Cu Wire							
EDB, EGB, EJB, FD, FG, FJ	15-30	....	....	1—#12-#6 AWG Al or 1—#14-#6 AWG CU	AL30FD	3	\$ 26.20
EDB, EGB, EJB, FD, FG, FJ	35-125	EDB, EGB, EJB, FD, FG, FJ	15-30	1—#12-#2/0 AWG Al or 1—#14-#2/0 AWG CU	AL100FD	3	26.20
FA, FH, FI	15-30	FA, FH, FI	35-100	1—#14-#4 AWG Cu or 1—#12-#4 AWG Al	AL50FA	3	23.60
FC	35-100	FC	15-30	1—#14-#3 AWG Cu or 1—#12-#1 AWG Al	AL100FA4	3	23.60
FA, FH, FI	35-100	FA, FH, FI	15-30	1—#14-#1/0 AWG Cu or 1—#12-#1/0 AWG Al	AL100FA	3	23.60
....	....	FA, FH, FC	15-100	1—#12-#3 AWG CU	AL100TF*	3	23.60
....	....	FA	150 (only)	1—#1/0 #2/0 AWG	AL150FA	3	23.60
ME, MX	100-250	....	....	1—#6 AWG-350 kcmil	AL250ME	3	71.00
KA, KH	70-250	....	....	1—#4 AWG-350 kcmil	AL250KA	3	71.00
KI, KC	110-175	....	....	1—#6 AWG-350 kcmil	AL250KD	3	68.00
KD, KG	100-250	....	....	1—#6 AWG-350 kcmil	AL250KI	3	68.00
KI, KC	200-250	KI	110-175	1—#1/0 AWG-350 kcmil	AL250KI	3	68.00
Q4, LA, LH	125-400	....	....	1—#1 AWG-600 kcmil or 2—#1 AWG-250 kcmil	AL400LA	1	22.70
....	....	Q4, LA, LH	125-400	1—350-750 kcmil	AL400LH7	1	29.90
LE, LX, LXI	100-250	LC, LI, LE, LX, LXI	....	2—#1 AWG-350 kcmil	AL600LI35	1	24.00
LC, LI, LE, LX, LXI	300-600	LE, LX, LXI	100-250	2—#4/0 AWG-500 kcmil	AL600LI5	1	29.90
....	....	LC, LI, LE, LX, LXI	....	1—500-750 kcmil	AL600LI7	1	29.90
....	....	ME, MX	250-400	1—350-750 kcmil	AL400ME7	1	29.90
....	....	MA, MH	300-1000	2—500-750 kcmil	AL800MA7	1	88.00
....	....	ME, MX	100-800	2—500-750 kcmil	AL800MA7	1	88.00
MA, MH	300-1000	....	....	3—#3/0 AWG-500 kcmil	AL900MA	1	60.00
ME, MX	300-800	ME, MX	100-250	4—#1/0 AWG-350 kcmil	AL1000MA	1	60.00
....	....	MA, MH, ME, MX	300-1200	4—#1/0 AWG-350 kcmil	AL1000MA	1	60.00
NA, NC, NE, NX	600-1200	....	....	4—#3/0 AWG-600 kcmil	AL1200NE6	1	136.00
....	....	PAF, PHF, PEF, PXF, PCF	600-2500	1—#1/0 AWG-750 kcmil	AL2500PA	2	84.00

Cu Lugs for Use with Cu Wire Only

....	....	EDB, EGB, EJB, FD, FG, FJ	15-125	1—#14-#1/0 AWG Cu	CU100FD	3	26.20
FC	15-30	....	....	1—#14-#10 AWG Cu	CU30FA4	3	23.60
....	....	FA, FH, FC, FI	15-100	1—#14-#1 AWG Cu	CU100FA	3	23.60
....	....	FA, FH, FC	15-100	1—#12-#3 AWG Cu	CU100TF*	3	23.60
....	....	KA, KH	70-250	1—#4 AWG-250 kcmil Cu	CU250KA	3	71.00
....	....	KC, KI	110-250	1—#4 AWG-250 kcmil Cu	CU250KA	3	71.00
KD, KG	100-250	....	....	1—#6 AWG-350 kcmil	CU250KD	3	71.00
....	....	ME, MX	125-250	1—#4 AWG-250 kcmil	CU250ME	3	71.00
....	....	Q4, LA, LH	125-400	1—#1 AWG-600 kcmil Cu or 2—#1 AWG-250 kcmil Cu	CU400LA	1	23.70
....	....	LC, LI, LE, LX, LXI	....	2—#1 AWG-350 kcmil	CU600LI35	1	25.10
....	....	LC, LI, LE, LX, LXI	....	2—#4/0 AWG-500 kcmil	CU600LI5	1	29.90
....	....	LC, LI, LE, LX, LXI	....	1—500-750 kcmil	CU600LI7	1	29.90
....	....	ME, MX	100-800	3—#3/0 AWG-500 kcmil Cu	CU1000MA	1	60.00
....	....	MA, MH	300-1000	3—#3/0 AWG-500 kcmil Cu	CU1000MA	1	60.00
....	....	NA, NC, NE, NX	600-1200	4—#3/0 AWG-600 kcmil Cu	CU1200NE6	1	348.00

- ♦ All P-frame circuit breakers require terminal pads for mounting lugs of any type. See table at bottom of the page.
- ◆ Unless otherwise specified, wire sizes apply to both aluminum and copper conductors.
- ★ For use in the OFF end only, when the OFF end is the load end.

Terminal Pad Kits for PA, PH, PC, PE and PX Circuit Breakers

Circuit Breaker Prefix	Terminal Pad Kit	
	Catalog Number	Price
PAF, PHF, PXF-12, PEF-12, PXF-16, PEF-16, PEF-20	PALTB (See photo A at left)	\$580.00
PCF, PEF-20, PXF-25, PEF-25	Included with circuit breaker (See photo B at left)	....
RGF, RJF, RLF	RLTB	*

* Contact your nearest Square D/Schneider Electric sales office for current prices.



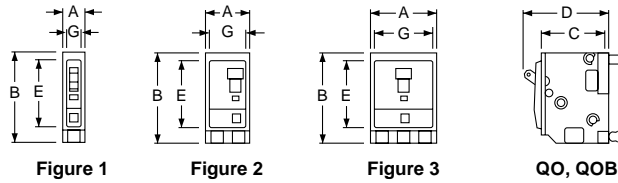


Figure 1 Figure 2 Figure 3 QO, QOB

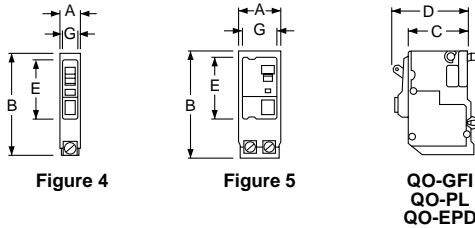


Figure 4 Figure 5 QO-GFI
QO-PL
QO-EPD

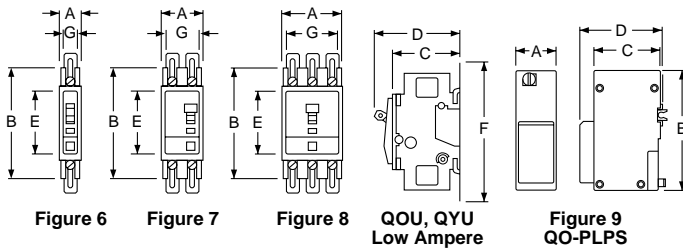


Figure 6 Figure 7 Figure 8 QOU, QYU
Low Ampere Figure 9
QO-PLPS

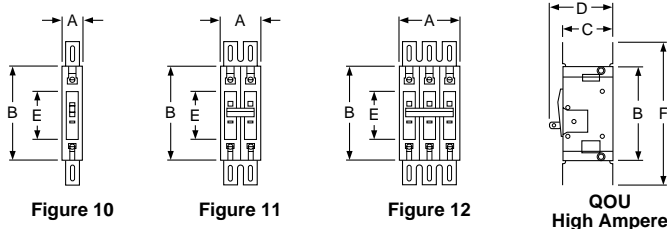


Figure 10 Figure 11 Figure 12 QOU
High Ampere

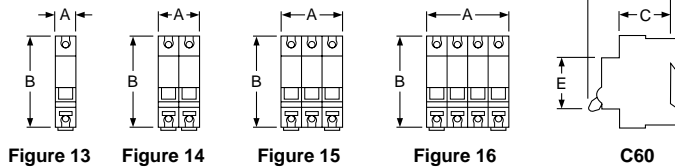


Figure 13 Figure 14 Figure 15 Figure 16 C60

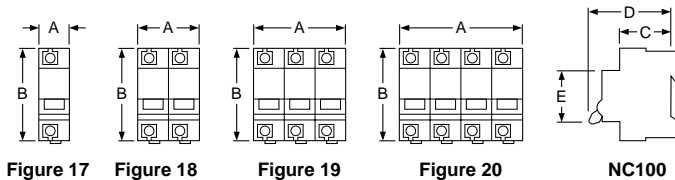


Figure 17 Figure 18 Figure 19 Figure 20 NC100

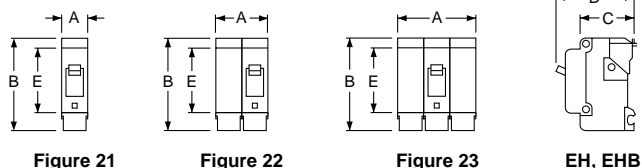


Figure 21 Figure 22 Figure 23 EH, EHB

QO, QOU, EH Circuit Breakers

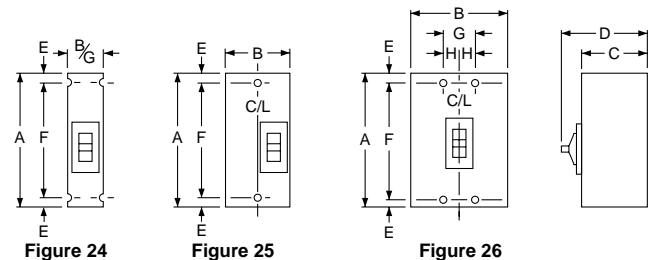
Circuit Breaker Catalog No. Prefix	No. Poles	Fig. No.	Dimensions - Inches						
			A	B	C	D	E	F	G
QO, QOB	1	1	0.75	3.00▲	2.31	2.91	2.25	...	0.59
	2	2	1.50	3.00▲	2.31	2.91	2.25	...	1.34
	3	3	2.25	3.00▲	2.31	2.91	2.25	...	2.09
QOB-VH 150A QOB-VH 110-150A	2	2	3.0	5.72	2.53	4.90	3.78	...	2.85
	3	3	4.50	5.72	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 QYU 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	10	0.75	4.45	2.37	2.96	2.25	6.78	...
	2	11	1.50	4.45	2.37	2.96	2.25	6.78	...
	3	12	2.25	4.45	2.37	2.96	2.25	6.78	...
MULTI 9 C60N	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	...	...
MULTI 9 NC100	1	17	1.06	3.19	1.73	2.76	1.77	...	...
	2	18	2.13	3.19	1.73	2.76	1.77	...	...
	3	19	3.19	3.19	1.73	2.76	1.77	...	...
	4	20	4.25	3.19	1.73	2.76	1.77	...	...
QO-PLPS Power Supply	2	9	1.45	4.35	2.42	3.11	...	...	...
EH, EHB	1	21	1.00	3.50	2.00	2.97	2.44	...	...
	2	22	2.00	3.50‡	2.00	2.97	2.44	...	...
	3	23	3.00	3.50‡	2.00	2.97	2.44	...	...

‡ 70-100 A is 4.00 in.
▲ 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.

Q2, Q4, FA, FI, KA, KI, LA, MA, ME and MX Circuit Breakers

Circuit Breaker Catalog No. Prefix	No. Poles	Fig. No.	Dimensions - Inches							
			A	B	C	D	E	F	G	H
Q2L, Q2L-H	2	25	6.44	3.00	3.16	3.92	★	4.25	...	...
	3	26	6.44	4.50	3.16	3.92	★	4.25	1.50	0.75
FAL, FHL, FCL▼	1	24	6.00	1.50	3.16	4.13	0.44	5.13	1.50	...
	2	25	6.00	3.00▼	3.16	4.13	0.44	5.13	...	...
3	26	6.00	4.50	3.16	4.13	0.44	5.13	1.50	0.75	
FIL, KAL, KHL, KCL, KIL	2 & 3	26	8.00	4.50	3.66	4.75	0.44	7.13	1.50	0.75
Q4L, LAL, LHL	2 & 3	26	11.00	6.00	4.06	5.84	0.88	9.25	2.00	1.00
MAL, MHL	2 & 3	26	14.00	9.00	4.53	6.50	1.66	10.69	3.00	1.50
MXL, MEL	2 & 3	26	14.75	9.00	4.37	6.50	1.66	11.43	3.00	1.50

★ Dimensions E 1.59 in at ON end and 0.63 in at OFF end.
▼ FCL 2-pole circuit breaker dimension B is 4.50 as in Fig. 26.



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