

Thermal-magnetic Molded Case Circuit Breakers

100, 250 Ampere Frame
Class 525, 650, 734, 820



FIL36100



GJL 3-pole circuit breaker



QBL
2 and 3-pole
70-250 Amperes

F-frame—100 A, Thermal-magnetic (600 Vac)

Ampere Rating	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	\$301.	AL50FA #14-#4 AWG Cu or #12-#4 AWG Al
20	275	600	...	...	FHL16020	301.	...	...
25	275	600	...	...	FHL16025	301.	...	...
30	275	600	...	...	FHL16030	301.	...	...
35	400	850	FHL16035	301.	AL100FA #14-#1/0 AWG Cu or #12-#1/0 AWG Al
40	400	850	...	...	FHL16040	301.	...	...
45	400	850	...	...	FHL16045	301.	...	...
50	400	850	...	...	FHL16050	301.	...	...
60	800	1450	...	...	FHL16060	301.	...	...
70	800	1450	...	...	FHL16070	339.	...	...
80	800	1450	...	...	FHL16080	339.	...	...
90	900	1700	...	...	FHL16090	339.	...	...
100	900	1700	...	...	FHL16100	339.	...	...

2-pole, 600 Vac, 250 Vdc

Ampere Rating	AC Magnetic Trip Settings		Catalog Number	Price	Catalog Number	Price	Catalog Number	Price	Terminal Wire Range
	Hold	Trip							
2-pole, 600 Vac, 250 Vdc									
15	275	600	FAL26015	\$469.	FHL26015	\$775.	AL50FA #14-#4 AWG Cu or #12-#4 AWG Al
20	275	600	FAL26020	469.	FHL26020	775.	FIL26020	\$1755.	
25	275	600	FAL26025	469.	FHL26025	775.	FIL26025	1755.	
30	275	600	FAL26030	469.	FHL26030	775.	FIL26030	1755.	
35	400	850	FAL26035	469.	FHL26035	775.	FIL26035	1755.	AL100FA #14-#1/0 AWG Cu or #12-#1/0 AWG Al
40	400	850	FAL26040	469.	FHL26040	775.	FIL26040	1755.	
45	400	850	FAL26045	469.	FHL26045	775.	FIL26045	1755.	
50	400	850	FAL26050	469.	FHL26050	775.	FIL26050	1755.	
60	800	1450	FAL26060	469.	FHL26060	775.	FIL26060	1755.	
70	800	1450	FAL26070	593.	FHL26070	902.	FIL26070	1755.	
80	800	1450	FAL26080	593.	FHL26080	902.	FIL26080	1755.	
90	900	1700	FAL26090	593.	FHL26090	902.	FIL26090	1755.	
100	900	1700	FAL26100	593.	FHL26100	902.	FIL26100	1755.	

3-pole, 600 Vac, 250 Vdc

Ampere Rating	AC Magnetic Trip Settings		Catalog Number	Price	Catalog Number	Price	Catalog Number	Price	Terminal Wire Range
	Hold	Trip							
3-pole, 600 Vac, 250 Vdc									
15	275	600	FAL36015	\$604.	FHL36015	\$ 905.	AL50FA #14-#4 AWG Cu or #12-#4 AWG Al
20	275	600	FAL36020	604.	FHL36020	905.	FIL36020	\$2197.	
25	275	600	FAL36025	604.	FHL36025	905.	FIL36025	2197.	
30	275	600	FAL36030	604.	FHL36030	905.	FIL36030	2197.	
35	400	850	FAL36035	604.	FHL36035	905.	FIL36035	2197.	AL100FA #14-#1/0 AWG Cu or #12-#1/0 AWG Al
40	400	850	FAL36040	604.	FHL36040	905.	FIL36040	2197.	
45	400	850	FAL36045	604.	FHL36045	905.	FIL36045	2197.	
50	400	850	FAL36050	604.	FHL36050	905.	FIL36050	2197.	
60	800	1450	FAL36060	604.	FHL36060	905.	FIL36060	2197.	
70	800	1450	FAL36070	743.	FHL36070	1027.	FIL36070	2197.	
80	800	1450	FAL36080	743.	FHL36080	1027.	FIL36080	2197.	
90	900	1700	FAL36090	743.	FHL36090	1027.	FIL36090	2197.	
100	900	1700	FAL36100	743.	FHL36100	1027.	FIL36100	2197.	

Powerpack® G-frame—100 A, Thermal-magnetic (600Y/347 Vac)

Ampere Rating	AC Magnetic Trip Settings		J Interrupting		Terminal Wire Range
	Hold	Trip	Catalog Number	Price	
3-pole, Vac, Vdc					
15	600	1200	GJL36015	\$1327.	#14-#1/0 AWG Cu #8-#1/0 AWG Al
20	600	1200	GJL36020	1327.	
30	600	1200	GJL36030	1327.	
40	600	1200	GJL36040	1327.	
50	800	1400	GJL36050	1327.	
60	800	1400	GJL36060	1327.	
70	800	1400	GJL36070	1632.	
80	800	1400	GJL36080	1632.	
90	800	1400	GJL36090	1632.	
100	800	1400	GJL36100	1632.	

Powerpack Q-frame—250 A, Thermal-magnetic (240 Vac)

Ampere Rating	AC Magnetic Trip Settings		B Interrupting		D Interrupting		G Interrupting		J Interrupting	
	Hold	Trip	Catalog Number	Price†	Catalog Number	Price†	Catalog Number	Price†	Catalog Number	Price†
2-pole, 240 Vac										
70	1000	1800	QBL22070	\$316.	QDL22070	\$ 762.	QGL22070	\$1014.	QJL22070	\$1260.
80	1000	1800	QBL22080	316.	QDL22080	762.	QGL22080	1014.	QJL22080	1260.
90	1000	1800	QBL22090	316.	QDL22090	762.	QGL22090	1014.	QJL22090	1260.
100	1200	2400	QBL22100	316.	QDL22100	762.	QGL22100	1014.	QJL22100	1260.
110	1200	2400	QBL22110	316.	QDL22110	762.	QGL22110	1014.	QJL22110	1260.
125	1200	2400	QBL22125	316.	QDL22125	762.	QGL22125	1014.	QJL22125	1260.
150	1200	2400	QBL22150	316.	QDL22150	762.	QGL22150	1014.	QJL22150	1260.
175	1200	2400	QBL22175	316.	QDL22175	762.	QGL22175	1014.	QJL22175	1260.
200	1200	2400	QBL22200	316.	QDL22200	762.	QGL22200	1014.	QJL22200	1260.
225	1200	2400	QBL22225	316.	QDL22225	762.	QGL22225	1014.	QJL22225	1260.
250	1200	2400	QBL22250	462.	QDL22250	1029.	QGL22250	1313.	QJL22250	1565.
3-pole, 240 Vac										
70	1000	1800	QBL32070	832.	QDL32070	1189.	QGL32070	1628.	QJL32070	1864.
80	1000	1800	QBL32080	832.	QDL32080	1189.	QGL32080	1628.	QJL32080	1864.
90	1000	1800	QBL32090	832.	QDL32090	1189.	QGL32090	1628.	QJL32090	1864.
100	1200	2400	QBL32100	832.	QDL32100	1189.	QGL32100	1628.	QJL32100	1864.
110	1200	2400	QBL32110	832.	QDL32110	1189.	QGL32110	1628.	QJL32110	1864.
125	1200	2400	QBL32125	832.	QDL32125	1189.	QGL32125	1628.	QJL32125	1864.
150	1200	2400	QBL32150	832.	QDL32150	1189.	QGL32150	1628.	QJL32150	1864.
175	1200	2400	QBL32175	832.	QDL32175	1189.	QGL32175	1628.	QJL32175	1864.
200	1200	2400	QBL32200	832.	QDL32200	1189.	QGL32200	1628.	QJL32200	1864.
225	1200	2400	QBL32225	832.	QDL32225	1189.	QGL32225	1628.	QJL32225	1864.
250	1200	2400	QBL32250	1208.	QDL32250	1628.	QGL32250	2100.	QJL32250	2310.

Interrupting Ratings (kA)

Voltage	FAL			FHL			FIL			
	25	25 (1P:35-100 A), 65 (2, 3P)	200	25	25 (2, 3P)	200				
240 V	25	25 (1P:35-100 A), 65 (2, 3P)	200	25	25 (2, 3P)	200				
480 V	18	25 (2, 3P)	200	18	25 (2, 3P)	200				
600 V	14	18 (2, 3P)	100	14	18 (2, 3P)	100				
Voltage	GJL		QB		QD		QG		QJ	
	100	10	25	65	100★	100★	100★	100★	100★	100★
240 V	100	10	25	65	100★	100★	100★	100★	100★	100★
480 V	65	...	...	...	...	...	...	...	...	...
600 V	18♦	...	...	...	...	...	...	...	...	...

♦ GJL is rated 18 kA at 600Y/347 Vac.
★ 3-pole QJ circuit breakers are rated at 208Y/120 Vac only.

Accessories pages 6-36-6-38
Optional Lugs pages 6-43, 6-44
Dimensions pages 6-49, 6-50
Enclosures pages 6-51-6-54

▲ Replacement lugs are not available for Powerpack Q-frame circuit breakers. Lugs for the Powerpack Q-frame circuit breakers accept (1) #4 AWG-300 kcmil.
■ 250 A lugs are suitable for copper conductors only.