

JG-Frame



Eaton's Cutler-Hammer J250

Product Description

- JG breaker is HACR rated.

Technical Data and Specifications

Table 12-21. UL 489/IEC 60947-2 Interrupting Capacity Ratings

Circuit Breaker Type	Number of Poles	Interrupting Capacity (kA Symmetrical Amperes)								Volts dc ^①
		Volts ac (50/60 Hz)								
		220 – 240		380 – 415		480	600	690		
		I _{cu}	I _{cs}	I _{cu}	I _{cs}			I _{cu}	I _{cs}	
JGE250	2, 3, 4	65	65	25	25	25	18	12	6	10
JGS250	2, 3, 4	85	85	40	40	35	18	12	6	22
JGH250	2, 3, 4	100	100	70	70	65	25	14	7	22
JGC250	3, 4	200	200	100	100	100	35	16	12	42
JGU250	3, 4	200	200	150	150	150	50	18	14	50
JGX250	3, 4	200	200	200	200	200	50	18	14	50

① dc ratings apply to substantially non-inductive circuits.

② 2-pole circuit breaker, or two poles of 3-pole circuit breaker.

③ Time constant is 3 milliseconds minimum at 10 kA and 8 milliseconds minimum at 22 kA.

Dimensions/Weights

Table 12-22. Dimensions in Inches (mm)

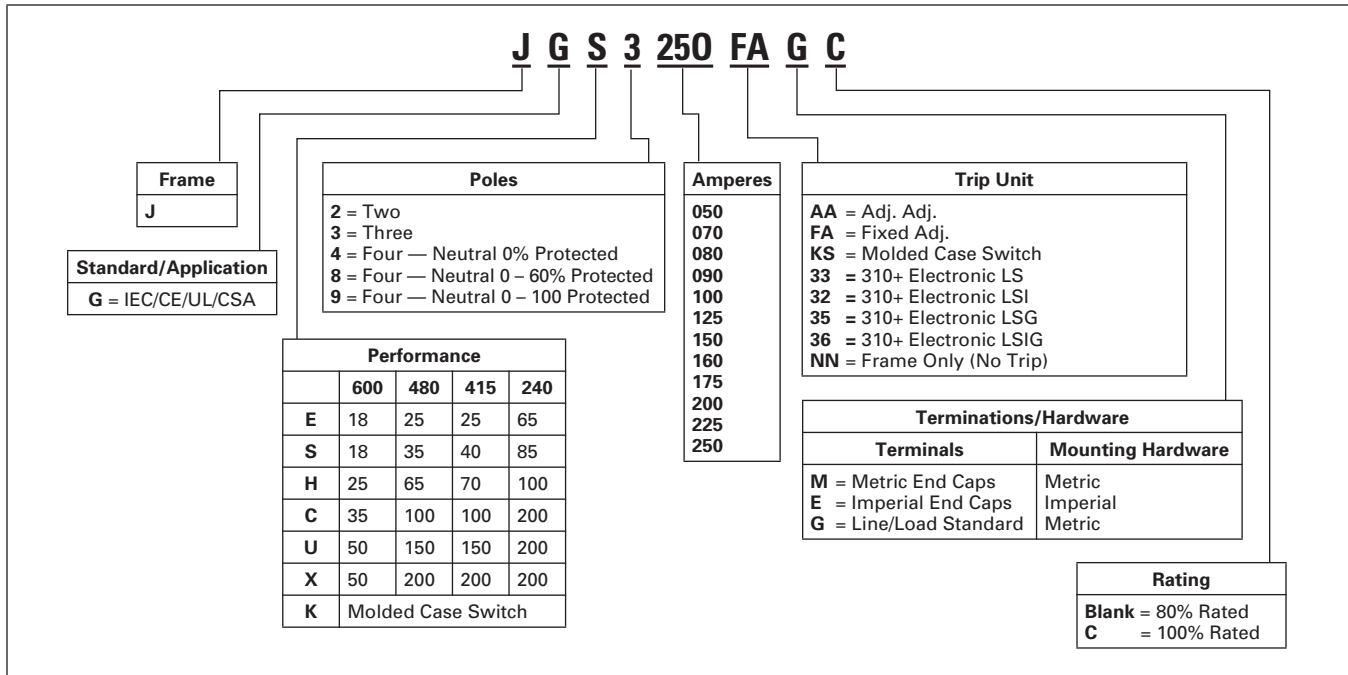
Number of Poles	Width	Height	Depth
2/3	4.13 (104.9)	7.00 (177.8)	3.57 (90.7)
4	5.34 (135.6)	7.00 (177.8)	3.57 (90.7)

Table 12-23. Approximate Shipping Weight in Lbs. (kg)

Breaker Type	Number of Poles	
	2/3	4
JGE, JGS, JGH, JGC, JGU, JGX	6 (2.7)	8 (3.6)

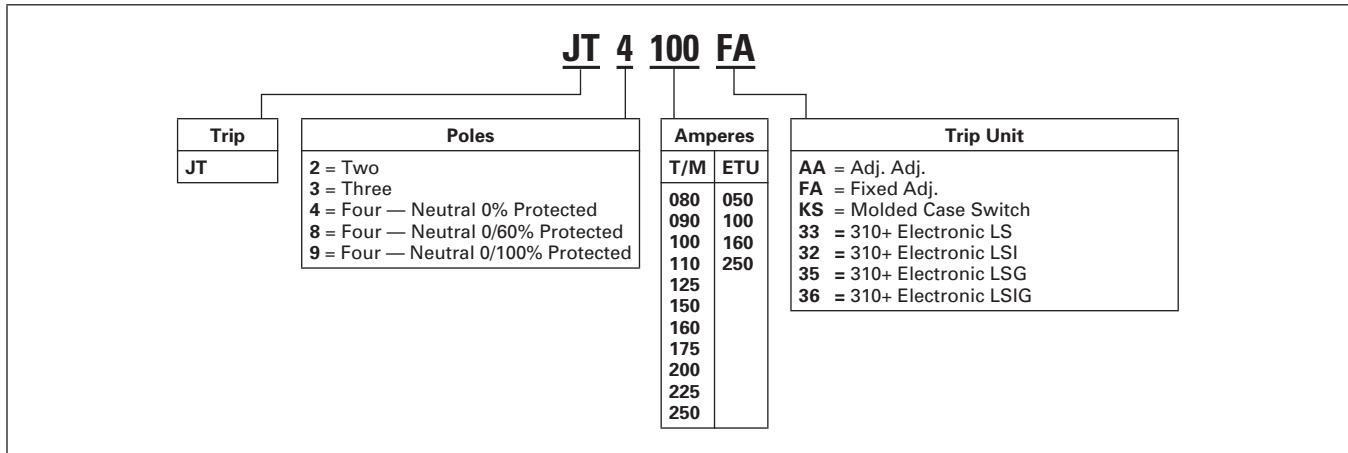
Product Selection

Table 12-24. Main Catalog Numbering System



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Table 12-25. Trip Unit Catalog Numbering System



Product Selection

Table 12-26. Complete Breaker (Includes Frame, Trip Unit, Standard Terminals and Mounting Hardware) — IC Rating at 415/480 Volts

Maximum Continuous Amperes	Magnetic Range	2-Pole		3-Pole		4-Pole 0% ^①		Adjustable Thermal Adjustable Magnetic ^②		
		Fixed Thermal Adjustable Magnetic		Fixed Thermal Adjustable Magnetic		Adjustable Thermal Adjustable Magnetic ^②		Fixed Thermal Adjustable Magnetic		
		Catalog Number	Price U.S. \$	Catalog Number	Price U.S. \$	Catalog Number	Price U.S. \$	Catalog Number	Price U.S. \$	
IEC/CE/UL/CSA 25/25										
70	350 – 700	JGE2070FAG		JGE3070FAG		—		JGE4070FAG		—
90	450 – 900	JGE2090FAG		JGE3090FAG		—		JGE4090FAG		—
100	500 – 1000	JGE2100FAG		JGE3100FAG		JGE3100AAG		JGE4100FAG		JGE4100AAG
125	625 – 1250	JGE2125FAG		JGE3125FAG		JGE3125AAG		JGE4125FAG		JGE4125AAG
150	750 – 1550	JGE2150FAG		JGE3150FAG		—		JGE4150FAG		—
160	800 – 1600	—		—		JGE3160AAG		—		JGE4160AAG
175	875 – 1750	JGE2175FAG		JGE3175FAG		—		JGE4175FAG		—
200	1000 – 2000	JGE2200FAG		JGE3200FAG		JGE3200AAG		JGE4200FAG		JGE4200AAG
225	1125 – 2250	JGE2225FAG		JGE3225FAG		—		JGE4225FAG		—
250	1250 – 2500	JGE2250FAG		JGE3250FAG		JGE3250AAG		JGE4250FAG		JGE4250AAG
IEC/CE/UL/CSA 40/35										
70	350 – 700	JGS2070FAG		JGS3070FAG		—		JGS4070FAG		—
90	450 – 900	JGS2090FAG		JGS3090FAG		—		JGS4090FAG		—
100	500 – 1000	JGS2100FAG		JGS3100FAG		JGS3100AAG		JGS4100FAG		JGS4100AAG
125	625 – 1250	JGS2125FAG		JGS3125FAG		JGS3125AAG		JGS4125FAG		JGS4125AAG
150	750 – 1550	JGS2150FAG		JGS3150FAG		—		JGS4150FAG		—
160	800 – 1600	—		—		JGS3160AAG		—		JGS4160AAG
175	875 – 1750	JGS2175FAG		JGS3175FAG		—		JGS4175FAG		—
200	1000 – 2000	JGS2200FAG		JGS3200FAG		JGS3200AAG		JGS4200FAG		JGS4200AAG
225	1125 – 2250	JGS2225FAG		JGS3225FAG		—		JGS4225FAG		—
250	1250 – 2500	JGS2250FAG		JGS3250FAG		JGS3250AAG		JGS4250FAG		JGS4250AAG
IEC/CE/UL/CSA 70/65										
70	350 – 700	JGH2070FAG		JGH3070FAG		—		JGH4070FAG		—
90	450 – 900	JGH2090FAG		JGH3090FAG		—		JGH4090FAG		—
100	500 – 1000	JGH2100FAG		JGH3100FAG		JGH3100AAG		JGH4100FAG		JGH4100AAG
125	625 – 1250	JGH2125FAG		JGH3125FAG		JGH3125AAG		JGH4125FAG		JGH4125AAG
150	750 – 1550	JGH2150FAG		JGH3150FAG		—		JGH4150FAG		—
160	800 – 1600	—		—		JGH3160AAG		—		JGH4160AAG
175	875 – 1750	JGH2175FAG		JGH3175FAG		—		JGH4175FAG		—
200	1000 – 2000	JGH2200FAG		JGH3200FAG		JGH3200AAG		JGH4200FAG		JGH4200AAG
225	1125 – 2250	JGH2225FAG		JGH3225FAG		—		JGH4225FAG		—
250	1250 – 2500	JGH2250FAG		JGH3250FAG		JGH3250AAG		JGH4250FAG		JGH4250AAG
IEC/CE/UL/CSA 100/100										
70	350 – 700	—		JGC3070FAG		—		JGC4070FAG		—
80	400 – 800	—		—		JGC3080AAG		—		JGC4080AAG
90	450 – 900	—		JGC3090FAG		—		JGC4090FAG		—
100	500 – 1000	—		JGC3100FAG		JGC3100AAG		JGC4100FAG		JGC4100AAG
125	625 – 1250	—		JGC3125FAG		JGC3125AAG		JGC4125FAG		JGC4125AAG
150	750 – 1550	—		JGC3150FAG		—		JGC4150FAG		—
160	800 – 1600	—		—		JGC3160AAG		—		JGC4160AAG
175	875 – 1750	—		JGC3175FAG		—		JGC4175FAG		—
200	1000 – 2000	—		JGC3200FAG		JGC3200AAG		JGC4200FAG		JGC4200AAG
225	1125 – 2250	—		JGC3225FAG		—		JGC4225FAG		—
250	1250 – 2500	—		JGC3250FAG		JGC3250AAG		JGC4250FAG		JGC4250AAG
IEC/CE/UL/CSA 150/150										
70	350 – 700	—		JGU3070FAG		—		JGU4070FAG		—
80	400 – 800	—		—		JGU3080AAG		—		JGU4080AAG
90	450 – 900	—		JGU3090FAG		—		JGU4090FAG		—
100	500 – 1000	—		JGU3100FAG		JGU3100AAG		JGU4100FAG		JGU4100AAG
125	625 – 1250	—		JGU3125FAG		JGU3125AAG		JGU4125FAG		JGU4125AAG
150	750 – 1550	—		JGU3150FAG		—		JGU4150FAG		—
160	800 – 1600	—		—		JGU3160AAG		—		JGU4160AAG
175	875 – 1750	—		JGU3175FAG		—		JGU4175FAG		—
200	1000 – 2000	—		JGU3200FAG		JGU3200AAG		JGU4200FAG		JGU4200AAG
225	1125 – 2250	—		JGU3225FAG		—		JGU4225FAG		—
250	1250 – 2500	—		JGU3250FAG		JGU3250AAG		JGU4250FAG		JGU4250AAG
IEC/CE/UL/CSA 200/200										
70	350 – 700	—		JGX3070FAG		—		JGX4070FAG		—
80	400 – 800	—		—		JGX3080AAG		—		JGX4080AAG
90	450 – 900	—		JGX3090FAG		—		JGX4090FAG		—
100	500 – 1000	—		JGX3100FAG		JGX3100AAG		JGX4100FAG		JGX4100AAG
125	625 – 1250	—		JGX3125FAG		JGX3125AAG		JGX4125FAG		JGX4125AAG
150	750 – 1550	—		JGX3150FAG		—		JGX4150FAG		—
160	800 – 1600	—		—		JGX3160AAG		—		JGX4160AAG
175	875 – 1750	—		JGX3175FAG		—		JGX4175FAG		—
200	1000 – 2000	—		JGX3200FAG		JGX3200AAG		JGX4200FAG		JGX4200AAG
225	1125 – 2250	—		JGX3225FAG		—		JGX4225FAG		—
250	1250 – 2500	—		JGX3250FAG		JGX3250AAG		JGX4250FAG		JGX4250AAG

① Change the fourth digit to 8 for adjustable 0 – 60% neutral protection, 9 for 0 – 100% neutral protection. Neutral is on LH side.

② IEC-EN 60947-2 only. Adjustment is .8 and 1.0.

Product Selection

Table 12-27. Thermal-Magnetic Trip Unit

Ampere Rating	Range	Catalog Number	Price U.S. \$	Catalog Number	Price U.S. \$	Catalog Number	Price U.S. \$	Range	Catalog Number	Price U.S. \$	Catalog Number	Price U.S. \$
70	350 – 700	JT2070FA		JT3070FA		—		—	JT4070FA		—	
80	400 – 800	—		—		JT3080AA ①		64 – 100	—		JT4080AA ①	
90	450 – 900	JT2090FA		JT3090FA		—		—	JT4090FA		—	
100	500 – 1000	JT2100FA		JT3100FA		JT3100AA ①		80 – 100	JT4100FA		JT4100AA ①	
125	625 – 1250	JT2125FA		JT3125FA		JT3125AA ①		100 – 125	JT4125FA		JT4125AA ①	
150	750 – 1500	JT2150FA		JT3150FA		—		—	JT4150FA		—	
160	800 – 1600	JT2160FA ①		—		JT3160AA ①		128 – 160	—		JT4160AA ①	
175	875 – 1750	JT2175FA		JT3175FA		—		—	JT4175FA		—	
200	1000 – 2000	JT2200FA		JT3200FA		JT3200AA ①		160 – 200	JT4200FA		JT4200AA ①	
225	1125 – 2250	JT2225FA		JT3225FA		—		—	JT4225FA		—	
250	1250 – 2500	JT2250FA		JT3250FA		JT3250AA ①		200 – 250	JT4250FA		JT4250AA ①	

① Adjustable thermal trip units are typically used in IEC markets and are not UL or CSA listed.

Table 12-28. Molded Case Switches

Catalog Number	Price U.S. \$
JGK2250KSK JGK3250KSG JGK7250KSG	

Note: Molded case switches will trip above 2500 amperes.

Table 12-29. Components — Line and Load Terminal

Maximum Breaker Amperes	Terminal Body Material	Wire Type	AWG Wire Range No. Conductors	Metric Wire Range mm ²	Catalog Number	Price U.S. \$
Standard Cu/Al Pressure Terminals						
250	Aluminum	Cu/Al	4 – 350 kcmil	25 – 185	TA250FJ	
250	Stainless Steel	Cu	4 – 350 kcmil	25 – 185	T250FJ ②	

② Standard line and load terminals.

Product Selection

Table 12-30. Components — Frame — IC Rating at 415/480 Volts

Maximum Amperes	2-Pole		3-Pole		4-Pole 0%	
	Catalog Number	Price U.S. \$	Catalog Number	Price U.S. \$	Catalog Number	Price U.S. \$
25/25						
250	JGE2250NN		JGE3250NN		JGE4250NN	
40/35						
250	JGS2250NN		JGS3250NN		JGS4250NN	
70/65						
250	JGH2250NN		JGH3250NN		JGH4250NN	
100/100						
250	—		JGC3250NN		JGC4250NN	
150/150						
250	—		JGU3250NN		JGU4250NN	
200/200						
250	—		JGX3250NN		JGX4250NN	
25/25 ①						
250	—		JGE3250NNWC		—	
40/35 ①						
250	—		JGS3250NNWC		—	
70/65 ①						
250	—		JGH3250NNWC		JGH4250NNWC	

① Components — 100% rated frame. To be used with electronic trip units only.

Table 12-31. Plug-in Test Kit

Voltage Rating	Catalog Number	Price U.S. \$
120 Vac	MTST120V	
230 Vac	MTST230V	

Table 12-32. Breaker Mount Ammeter

Description	Catalog Number	Price U.S. \$
Breaker Mount Ammeter	DIGVIEW	

Note: Use on electronic trip only.

Table 12-33. JG Electronic Trip Units

Ampere Rating	LS	Price U.S. \$	LSI	Price U.S. \$	LSG	Price U.S. \$	LSIG	Price U.S. \$	Neutral CT for LSG & LSIG ②	Price U.S. \$
3-Pole										
50	JT305033		JT305032		JT305035		JT305036		JGFCT050	
100	JT310033		JT310032		JT310035		JT310036		JGFCT100	
160	JT316033		JT160323		JT316035		JT316036		JGFCT160	
250	JT325033		JT325032		JT325035		JT325036		JGFCT250	
4-Pole ③										
50	JT405033		JT405032		JT405035		JT405036		JGFCT050	
100	JT410033		JT410032		JT410035		JT410036		JGFCT100	
160	JT416033		JT416032		JT416035		JT416036		JGFCT160	
250	JT425033		JT425032		JT425035		JT425036		JGFCT250	

② Required for 4-wire systems if neutral protection is desired.

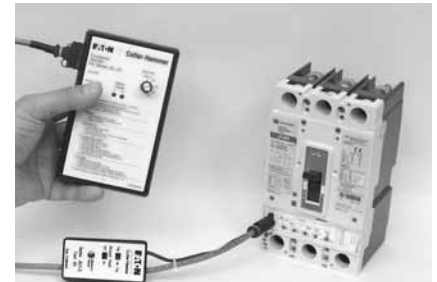
③ Neutral protection 4 = 0%, 6 = 60%, 7 = 100% electronic trip unit neutral protection is not adjustable.

Note: Long time pickup — no rating plug.
 250 Ampere Settings — 250, 225, 200, 175, 160, 150, 125, 100.
 160 Ampere Settings — 160, 150, 125, 110, 100, 90, 80, 63.
 100 Ampere Settings — 100, 90, 80, 70, 63, 50, 45, 40.
 50 Ampere Settings — 50, 45, 40, 32, 30, 25, 20.

Note: Adjustable long time delay — 2 – 24 seconds at 6 x Ir.
 Adjustable short time delay — Inst., 120, 300 ms



Digitrip 310+ Test Kit



Digitrip 310+ Test Kit Shown with JG MCCB



JG Digitrip 310+ Electronic Trip Unit



Ammeter

JG-Frame

Table 12-34. Complete Breaker with Electronic Trip Units

Ampere Rating	LS	Price U.S. \$	LSI	Price U.S. \$	LSG	Price U.S. \$	LSIG	Price U.S. \$	Neutral CT for LSG & LSIG ①	Price U.S. \$
IEC/UL/CSA 25/25 — 3-Pole										
50	JGE305033G		JGE305032G		JGE305035G		JGE305036G		JGFCT050	
100	JGE310033G		JGE310032G		JGE310035G		JGE310036G		JGFCT100	
160	JGE316033G		JGE316032G		JGE316035G		JGE316036G		JGFCT160	
250	JGE325033G		JGE325032G		JGE325035G		JGE325036G		JGFCT250	
IEC/UL/CSA 25/25 — 4-Pole ②										
50	JGE405033G		JGE405032G		JGE405035G		JGE405036G		JGFCT050	
100	JGE410033G		JGE410032G		JGE410035G		JGE410036G		JGFCT100	
160	JGE416033G		JGE416032G		JGE416035G		JGE416036G		JGFCT160	
250	JGE425033G		JGE425032G		JGE425035G		JGE425036G		JGFCT250	
IEC/UL/CSA 40/35 — 3-Pole										
50	JGS305033G		JGS305032G		JGS305035G		JGS305036G		JGFCT050	
100	JGS310033G		JGS310032G		JGS310035G		JGS310036G		JGFCT100	
160	JGS316033G		JGS316032G		JGS316035G		JGS316036G		JGFCT160	
250	JGS325033G		JGS325032G		JGS325035G		JGS325036G		JGFCT250	
IEC/UL/CSA 40/35 — 4-Pole ②										
50	JGS405033G		JGS405032G		JGS405035G		JGS405036G		JGFCT050	
100	JGS410033G		JGS410032G		JGS410035G		JGS410036G		JGFCT100	
160	JGS416033G		JGS416032G		JGS416035G		JGS416036G		JGFCT160	
250	JGS425033G		JGS425032G		JGS425035G		JGS425036G		JGFCT250	
IEC/UL/CSA 70/65 — 3-Pole										
50	JGH305033G		JGH305032G		JGH305035G		JGH305036G		JGFCT050	
100	JGH310033G		JGH310032G		JGH310035G		JGH310036G		JGFCT100	
160	JGH316033G		JGH316032G		JGH316035G		JGH316036G		JGFCT160	
250	JGH325033G		JGH325032G		JGH325035G		JGH325036G		JGFCT250	
IEC/UL/CSA 70/65 — 4-Pole ②										
50	JGH405033G		JGH405032G		JGH405035G		JGH405036G		JGFCT050	
100	JGH410033G		JGH410032G		JGH410035G		JGH410036G		JGFCT100	
160	JGH416033G		JGH416032G		JGH416035G		JGH416036G		JGFCT160	
250	JGH425033G		JGH425032G		JGH425035G		JGH425036G		JGFCT250	
IEC/UL/CSA 100/100 — 3-Pole										
50	JGC305033G		JGC305032G		JGC305035G		JGC305036G		JGFCT050	
100	JGC310033G		JGC310032G		JGC310035G		JGC310036G		JGFCT100	
160	JGC316033G		JGC316032G		JGC316035G		JGC316036G		JGFCT160	
250	JGC325033G		JGC325032G		JGC325035G		JGC325036G		JGFCT250	
IEC/UL/CSA 100/100 — 4-Pole ②										
50	JGC405033G		JGC405032G		JGC405035G		JGC405036G		JGFCT050	
100	JGC410033G		JGC410032G		JGC410035G		JGC410036G		JGFCT100	
160	JGC416033G		JGC416032G		JGC416035G		JGC416036G		JGFCT160	
250	JGC435033G		JGC435032G		JGC435035G		JGC435036G		JGFCT250	
IEC/UL/CSA 150/150 — 3-Pole										
50	JGU305033G		JGU305032G		JGU305035G		JGU305036G		JGFCT050	
100	JGU310033G		JGU310032G		JGU310035G		JGU310036G		JGFCT100	
160	JGU316033G		JGU316032G		JGU316035G		JGU316036G		JGFCT160	
250	JGU335033G		JGU335032G		JGU335035G		JGU335036G		JGFCT250	
IEC/UL/CSA 150/150 — 4-Pole ②										
50	JGU405033G		JGU405032G		JGU405035G		JGU405036G		JGFCT050	
100	JGU410033G		JGU410032G		JGU410035G		JGU410036G		JGFCT100	
160	JGU416033G		JGU416032G		JGU416035G		JGU416036G		JGFCT160	
250	JGU435033G		JGU435032G		JGU435035G		JGU435036G		JGFCT250	
IEC/UL/CSA 200/200 — 3-Pole										
50	JGX305033G		JGX305032G		JGX305035G		JGX305036G		JGFCT050	
100	JGX310033G		JGX310032G		JGX310035G		JGX310036G		JGFCT100	
160	JGX316033G		JGX316032G		JGX316035G		JGX316036G		JGFCT160	
250	JGX325033G		JGX325032G		JGX325035G		JGX325036G		JGFCT250	
IEC/UL/CSA 200/200 — 4-Pole ②										
50	JGX405033G		JGX405032G		JGX405035G		JGX405036G		JGFCT050	
100	JGX410033G		JGX410032G		JGX410035G		JGX410036G		JGFCT100	
160	JGX416033G		JGX416032G		JGX416035G		JGX416036G		JGFCT160	
250	JGX425033G		JGX425032G		JGX425035G		JGX425036G		JGFCT250	

① Required for 4-wire systems if neutral protection is required.

② Neutral protection 4 = 0%, 6 = 60%, 7 = 100% electronic trip unit neutral protection is not adjustable.

JG-Frame

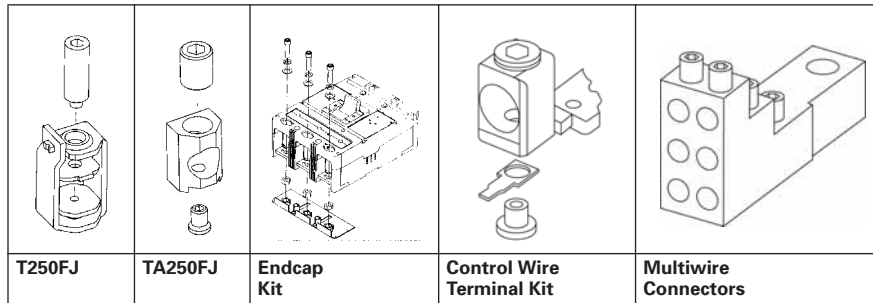
Table 12-34. Complete Breaker with Electronic Trip Units (Continued)

Ampere Rating	LS		LSI		LSG		LSIG		Neutral CT for LSG & LSIG ^①	
	Catalog Number	Price U.S. \$	Catalog Number	Price U.S. \$	Catalog Number	Price U.S. \$	Catalog Number	Price U.S. \$	Catalog Number	Price U.S. \$
IEC/UL/CSA 25/25										
50	JGE305033GC		JGE305032GC		JGE305035GC		JGE305036GC		JGFCT050	
100	JGE310033GC		JGE310032GC		JGE310035GC		JGE310036GC		JGFCT100	
160	JGE316033GC		JGE316032GC		JGE316035GC		JGE316036GC		JGFCT160	
250	JGE325033GC		JGE325032GC		JGE325035GC		JGE325036GC		JGFCT250	
IEC/UL/CSA 40/35										
50	JGS305033GC		JGS305032GC		JGS305035GC		JGS305036GC		JGFCT050	
100	JGS310033GC		JGS310032GC		JGS310035GC		JGS310036GC		JGFCT100	
160	JGS316033GC		JGS316032GC		JGS316035GC		JGS316036GC		JGFCT160	
250	JGS325033GC		JGS325032GC		JGS325035GC		JGS325036GC		JGFCT250	
IEC/UL/CSA 70/65										
50	JGH305033GC		JGH305032GC		JGH305035GC		JGH305036GC		JGFCT050	
100	JGH310033GC		JGH310032GC		JGH310035GC		JGH310036GC		JGFCT100	
160	JGH316033GC		JGH316032GC		JGH316035GC		JGH316036GC		JGFCT160	
250	JGH325033GC		JGH325032GC		JGH325035GC		JGH325036GC		JGFCT250	

^① Required for 4-wire systems if neutral protection is required.

JG-Frame

Selection Guide and Ordering Information



Line and Load Terminals

JG-Frame circuit breakers include Cu/Al terminals T250FJ as standard. When optional copper only terminals are required, order by catalog number.

Table 12-35. Line and Load Terminals

Maximum Breaker Amps	Terminal Body Material	Wire Type	Metric Wire Range mm ²	AWG Wire Range/ Number of Conductors	Catalog Number	Price U.S. \$
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Standard Pressure Type Terminals

250	Stainless Steel	Cu	25 – 185	#4 – 350 (1)	T250FJ ①②	
250	Aluminum	Cu/Al	25 – 185	#4 – 350 (1)	TA250FJ ①	

Optional Copper and Cu/Al Pressure Type Terminals

250	Copper	Cu/Al	25 – 185	#4 – 350 (1)	TC250FJ ③	
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- ① Individually packed.
- ② Standard line and load.
- ③ Contact factory for availability.

Endcap Kits

Endcap kits are used on J250-Frame breaker line side to connect bus bar or similar electrical connections. Includes hardware.

Table 12-36. Kit Catalog Number

Number of Poles	Catalog Number		Price U.S. \$
	Metric	Imperial	
3	FJ3RTWK	FJ3RTDK	
4	FJ4RTWK	FJ4RTDK	

Control Wire Terminal Kit

For use with aluminum or copper terminals only.

Table 12-37. Control Wire Terminal Kit

Control Wire Terminal Kit	Catalog Number	Price U.S. \$
Package of 14 — Priced Individually	FJCWTK	

Multiwire Connectors

Field-installed multiwire connectors for the load side (OFF) end terminals. They are used to distribute the load from the circuit breaker to multiple devices without the use of separate distribution terminal blocks.

Multiwire lug kits include terminal shield, mounting hardware, insulators and tin-plated aluminum connectors to replace three mechanical load lugs. UL listed for copper only as used on the load side (OFF) end.

Table 12-38. JG-Frame Multiwire Connectors Ordering Information (Package of 3)

Max. Amps	Wires per Terminal	Wire Size Range AWG Cu	Kit Catalog Number	Price U.S. \$
250	3	14–2	3TA250FJ3	
250	6	14–6	3TA250FJ6	

Base Mounting Hardware

Base mounting hardware is included with a circuit breaker or molded case switch. (Included with breaker.)

Table 12-39. Terminal Shields IP30

Location	Number of Poles	Catalog Number	Price U.S. \$
Line or Load	2, 3 4	FJTS3K FJTS4K	

Table 12-40. Interphase Barriers

Package of 2	Catalog Number		Price U.S. \$
	Number of Poles	Catalog Number	
3		FJIPBK	
4		FJIPBK4	

Allowable Accessory Combinations

Different combinations of accessories can be supplied, depending on the types of accessories and the number of poles in the circuit breaker.

Table 12-41. Accessories

Description	Reference Page	2-, 3-Pole			4-Pole			
		Left	Center	Right	Left	Center	Right	Neu.
Internal Accessories (Only One Internal Accessory Per Pole)								
Alarm Lockout (Make/Break)	12-58			■			■	
Auxiliary Switch (1A, 1B)	12-58			■			■	
Auxiliary Switch (2A, 2B)	12-58			■			■	
Auxiliary Switch and Alarm Switch Combination	12-58			■			■	
Shunt Trip — Standard	12-58	■			■			
Undervoltage Release Mechanism	12-58	■			■			
External Accessories								
End Cap Kit	12-28		●				●	
Control Wire Terminal Kit	12-28		●				●	
Multewire Connectors	12-28		●				●	
Base Mounting Hardware	12-28		●				●	
Interphase Barriers	12-28		●				●	
Padlockable Handle Block	12-57		■			■		
Padlockable Handle Lock Hasp	12-57	□		□	□		□	
Key Interlock Kit	12-57	□		□	□		□	
Sliding Bar Interlock — Requires Two Breakers	12-57		●					
Electrical Operator	12-57		●				●	
Plug-in Adapters	12-59		●				●	
Handle Mechanisms	12-60		●				●	
Earth Leakage/Ground Fault Protector	12-55		●				●	
Drawout Cassette	12-59		●				●	
Digitrip 310+ Test Kit	12-25		●				●	
Ammeter/Cause of Trip Display	12-25		●				●	
Modifications (Refer to Eaton)								
Moisture Fungus Treatment	—		●				●	
Freeze-Tested Circuit Breakers	—		●				●	
Marine/Naval Application, UL Supplement SA and SB	①		●				●	

■ Applicable in indicated pole position □ May be mounted on left or right pole — not both ● Accessory available/Modification available

① Contact Eaton