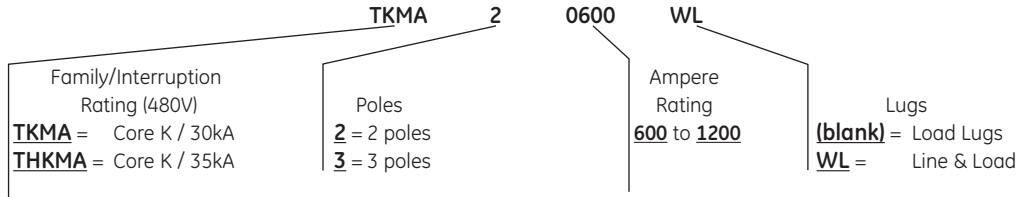


Molded Case Circuit Breakers Industrial Circuit Breakers

300-1200A Circuit Breakers
Thermal-Magnetic Trip
K1200 Line Circuit Breakers
Types TKM, THKM

Product Number Structure



Note: This information is provided for interpreting product numbers (it should not be used to build product numbers).

Types TKM, THKM – Interchangeable Trip, includes Cu/Al Line and Load Lugs, not suitable for reverse feed

Adjustable Instantaneous Trip Ampere						Complete Circuit Breaker Includes Line and Load Lugs				Terminal Lugs for Front Connection (Cu/Al) ¹			
Ampere Rating	Range		Standard Product Number	List Price GO-135LG	Hi-Break ¹ Product Number	List Price GO-135LG	Frame Only Product Number	List Price GO-135LG	Trip Unit Only. Use with Standard and Hi-Break Frames	List Price GO-135LG	Product Number (Order 2 per pole)	List Price GO-135S	Wire Size
1200A Frame—Two-Pole													
600	1800	6000	TKMA20600WL	\$5172.00	THKMA20600WL	\$6069.00	TKM2F Standard Frame	\$2690.00	TKMA3T0600	\$2294.00	TCAL81	\$47.00	(3) 3/0-500 Cu/Al
700	2100	6400	TKMA20700WL	\$5172.00	THKMA20700WL	\$6069.00			TKMA3T0700	\$2294.00			
800	2400	6400	TKMA20800WL	\$5172.00	THKMA20800WL	\$6069.00			TKMA3T0800	\$2294.00			
1000	3000	10000	TKMA21000WL ²	\$5472.00	THKMA21000WL ²	\$6353.00			TKMA3T1000 ³	\$2478.00			
1200	3600	10000	TKMA21200WL ²	\$7471.00	THKMA21200WL ²	\$8368.00			TKMA3T1200 ³	\$4477.00			
1200A Frame—Three-Pole													
600	1800	6000	TKMA30600WL	\$5885.00	THKMA30600WL	\$6795.00	TKM3F Standard Frame	\$3309.00	TKMA3T0600	\$2294.00	TCAL81	\$47.00	(3) 3/0-500 Cu/Al
700	2100	6400	TKMA30700WL	\$5885.00	THKMA30700WL	\$6795.00			TKMA3T0700	\$2294.00			
800	2400	6400	TKMA30800WL	\$5885.00	THKMA30800WL	\$6795.00			TKMA3T0800	\$2294.00			
1000	3000	10000	TKMA31000WL ³	\$6243.00	THKMA31000WL ³	\$7153.00			TKMA3T1000 ³	\$2478.00			
1200	3600	10000	TKMA31200WL ³	\$8242.00	THKMA31200WL ³	\$9152.00			TKMA3T1200 ³	\$4477.00			
Mag Only	1800	6000	—	—	—	—	THKM3F Hi-Break Frame	\$4219.00	TKMA3TM512 ²	\$4477.00	TCAL121	\$76.00	(4) 250-350 ⁴ Cu or (4) 300-500 Al
	2400	8000	—	—	—	—			TKMA3TM612 ²	\$4477.00			

¹For optional lugs, see page 3-105.

²Not UL listed.

³Not Suitable for use on dc systems.

⁴Suitable for 500 kcmil Cu for voltage drop considerations.

Accessories: See pages 3-39 to 3-45 and 3-96 to 3-108.

K1200 Reference Publications

Mechanical Interlock	GEH-2980
Trip Unit	GEH-2993
TDR Operating Mechanism	GEH-3000
Auxiliary Switch	GEH-3321
Shunt Trip	GEH-3344
Three Coil Shunt Trip	GEH-3346
Bell Alarm	GEH-4305
TDM Operating Mechanism	GEH-4314
Plug-in Mounting Base	GEH-4342
Motor Operator	GEH-4675
STDA Flange Handle	GEH-5314
STDA Operating Mechanism	GEH-5319
Undervoltage Release	GEH-5408
Back Connected Studs	GEJ-3616
Padlocking Device - Standard	GEJ-4636
K1200 Outline Drawing	455C840SH1



Publications and Reference: See Section 22 for a complete list of additional product-related publications

Molded Case Circuit Breakers Industrial Circuit Breakers

Section 3

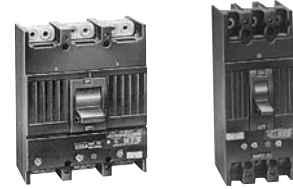
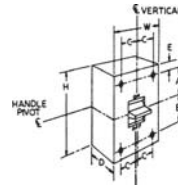
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Quick Reference Guide

10-1200A Circuit Breakers

Thermal Magnetic Trip

Ratings do not apply to molded case switches. The interruption ratings and voltages shown in the table are maximum ratings. A circuit breaker of the type given in the left-hand column may be applied at the given circuit voltage in any electrical distribution system where the available fault current at the load terminals of the breaker does not exceed the value in the table. That circuit breaker type may also be applied at intermediate values of circuit voltage provided the available fault current at the load terminals of the breaker does not exceed the value in the table for the higher value of voltage.



TJJ, TJK, THJK T FJ, TFK, THFK

TEY and TEYF (UL File E-11592; Fixed Thermal Magnetic Trip Unit; CSA LR 57114)

Circuit Breaker Type	Ampere Rating	No. Poles	Maximum Voltage Rating		UL Listed Interrupting Ratings— kA										Dimensions (In.)						Approx. Ship Wt./Std. Pack	
			ac	dc	Vac					Vdc					Dimensions (In.)							
					120	120/240	240	277	480	600	125	250	500 ¹	H	W	D	A	B	C	E		
TEY ²	15-100	1	277	125	65	—	14	14	—	—	10	—	—	5 1/4	1	3 1/16	—	—	—	—	—	—
		2	480/277	250	—	—	65	14	14 ⁵	—	—	10	—		2							
		3	—	—	—	—	—	—	—	—	—	—	—		3							
TEYF ²	15-100	1	277	125	65	—	14	14	—	—	10	—	—	5 1/4	1	3 1/16	—	—	—	—	—	—
		2	480/277	250	—	—	65	14	14 ⁵	—	—	10	—		2							
		3	—	—	—	—	—	—	—	—	—	—	—		3							

E150 (UL File E-11592; Fixed Thermal Magnetic Trip Unit; CSA LR 57114)

TEB ²	10-100 ³	1	120	125	10	—	—	—	—	—	5	—	—	6 5/16	1 3/8	3 3/8	2 41/64	2 15/64	—	23/32	26 lb/24			
		2	240	250	—	—	10	—	—	—	—	5	—		2 3/4				24 lb/12					
		3	—	—	—	—	—	—	—	—	—	—	—		4 1/8				28 lb/8					
TED ²	10-100 ³	1	277,347 ⁴	125	—	—	14	10	—	10	—	—	—	6 5/16	1 3/8	3 3/8	2 41/64	2 15/64	—	23/32	26 lb/24			
		2	480	250	—	—	18	—	18	—	—	10	—		2 3/4				24 lb/12					
		3	480,600	500	—	—	—	—	—	—	—	—	10		4 1/8				28 lb/8					
THED ²	15-30	1	277,347 ⁴	125	—	—	65	—	—	20 ⁶	—	—	6 5/16	1 3/8	3 3/8	2 41/64	2 15/64	—	23/32	26 lb/24				
		2	480	250	—	—	65	—	25	—	20 ⁶	—		4 1/8				24 lb/12						
	15-100	2	480	250	—	—	65	—	25	—	—	—	6 5/16	1 3/8				3 3/8		2 41/64	2 15/64	11/16	23/32	24 lb/12
		3	600	500	—	—	42	—	18	—	—	10		4 1/8								28 lb/8		

F225 (UL File E-11592; TFJ, Fixed Thermal Magnetic Trip Unit; TFK, THFK: Interchangeable Thermal Mag. Trip Unit; CSA LR 40350)

TFJ ²	70-225	2	480	250	—	—	25	—	22	—	10	—	10 1/8	4 1/8	3 13/16	3 7/8	3 7/8	11/16	1 3/16	10 lb/1
	70-250	3	600	500	—	—	25	—	22	18	—	10								12 lb/1
TFK ²	70-225	2	480	250	—	—	25	—	22	—	10	—	10 1/8	4 1/8	3 13/16	3 7/8	3 7/8	11/16	1 3/16	10 lb/1
		3	600	500	—	—	25	—	22	18	—	10								12 lb/1
THFK ²	70-225	2	480	250	—	—	65	—	25	—	10	—	10 1/8	4 1/8	3 13/16	3 7/8	3 7/8	11/16	1 3/16	10 lb/1
		3	600	500	—	—	65	—	25	18	—	10								12 lb/1
TFL ⁷	70-225	3	600	—	—	100	100	—	65	25	—	—	10 1/8	4 1/8	3 13/16	3 7/8	3 7/8	11/16	1 3/16	—

J600 (UL File E-11592; TJJ, Fixed Thermal Magnetic Trip Unit; TJK, THJK: Interchangeable Thermal Mag. Trip Unit; CSA LR 40350)

TJJ, TJK4	125-400	2	600	250	—	—	42	—	30	22	—	10	—	10 1/8	8 1/4	3 13/16	3 15/16	3 13/16	1 3/8	1 3/16	16 lb/1
		3	600	500	—	—	42	—	30	22	—	20	—								17 1/2 lb/1
TJK6	250-600	2	600	250	—	—	42	—	30	22	—	10	—	10 1/8	8 1/4	3 13/16	3 15/16	3 13/16	1 3/8	1 3/16	18 lb/1
		3	600	500	—	—	42	—	30	22	—	20	—								20 lb/1
THJK4	125-400	2	600	250	—	—	65	—	35	25	—	40	—	10 1/8	8 1/4	3 13/16	3 15/16	3 13/16	1 3/8	1 3/16	16 lb/1
		3	600	—	—	—	65	—	35	25	—	40	20								17 1/2 lb/1
THJK6	250-600	2	600	250	—	—	65	—	35	25	—	40	—	10 1/8	8 1/4	3 13/16	3 15/16	3 13/16	1 3/8	1 3/16	18 lb/1
		3	600	—	—	—	65	—	35	25	—	40	20								20 lb/1

K1200 (UL File E-11592; Interchangeable Thermal Magnetic Trip Unit; CSA LR 40350)

TKM8	300-800	2	600	250	—	—	42	—	30	22	—	10	—	15 1/2	8 1/4	5 1/2	8 9/16	5 11/16	1 3/8	5/8	33 lb/1
		3	600	500	—	—	42	—	30	22	—	20	22								39 lb/1
TKM12	600-1200	2	600	—	—	—	42	—	30	22	—	—	—	15 1/2	8 1/4	5 1/2	8 9/16	5 11/16	1 3/8	5/8	38 lb/1
		3	600	—	—	—	42	—	30	22	—	—	—								41 1/2 lb/1
THKM8	300-800	2	600	250	—	—	65	—	35	25	—	40	—	15 1/2	8 1/4	5 1/2	8 9/16	5 11/16	1 3/8	5/8	33 lb/1
		3	600	—	—	—	65	—	35	25	—	40	22								39 lb/1
THKM12	600-1200	2	600	—	—	—	65	—	35	25	—	—	—	15 1/2	8 1/4	5 1/2	8 9/16	5 11/16	1 3/8	5/8	38 lb/1
		3	600	—	—	—	65	—	35	25	—	—	—								41 1/2 lb/1

¹ UL listed with poles in series for 500 Vdc ungrounded battery applications.

² UL listed as HACR (heating, air conditioning, and refrigeration).

³ 10 amp not UL listed.

⁴ UL listed/CSA Certified for 10kA @ 347 Vac (TED) and 18kA @ 347V (THED). Also rated 10kA @ 480V but not UL listed.

⁵ 480Y/277 Vac.

⁶ UL listed at 10,000 amps

⁷ No longer available



Molded Case Circuit Breakers Q-Line Circuit Breakers

DIN-Rail Mount
240V Class

Section 3

Product Features

Multi-terminal Configuration Breakers

- 35 mm DIN rail mounting
- Optional front/rear panel mounting kits—THQCFMK, page 3-26.
- Optional load end terminal for up to (4) 0.25-inch quick connects.

Contact local GE sales office for ring terminal configurations—not DIN rail compatible.

THQC, THHQC 120/240 Vac

# of Poles	Ampere Rating	120/240 Vac Interrupting Rating	Product Number	List Price GO-135B	CC Suffix List Price Adder	X2 Suffix List Price Adder
1	15	10kA	THQC1115LL ¹	\$17.25		
1	20	10kA	THQC1120LL ¹	\$17.25		
1	25	10kA	THQC1125LL	\$17.25		
1	30	10kA	THQC1130LL	\$17.25		
1	35	10kA	THQC1135LL	\$17.25		
1	40	10kA	THQC1140LL	\$17.25		
1	45	10kA	THQC1145LL	\$17.25		
1	50	10kA	THQC1150LL	\$17.25		
1	60	10kA	THQC1160LL	\$17.25	\$4.00	\$1.50
1	15	22kA	THHQC1115LL	\$32.50		
1	20	22kA	THHQC1120LL	\$32.50		
1	25	22kA	THHQC1125LL	\$37.50		
1	30	22kA	THHQC1130LL	\$37.50		
1	35	22kA	THHQC1135LL	\$37.50		
1	40	22kA	THHQC1140LL	\$37.50		
1	45	22kA	THHQC1145LL	\$37.50		
1	50	22kA	THHQC1150LL	\$37.50		
1	60	22kA	THHQC1160LL	\$37.50		

15-60A UL Listed HACR (heating, air conditioning and refrigeration)

THQC, THHQC 120/240 Vac, Internal Common Trip

# of Poles	Ampere Rating	120/240 Vac Interrupting Rating	Product Number	List Price GO-135B	CC Suffix List Price Adder	X2 Suffix List Price Adder
2	15	10kA	THQC2115LL ¹	\$37.50		
2	20	10kA	THQC2120LL ¹	\$37.50		
2	25	10kA	THQC2125LL	\$37.50		
2	30	10kA	THQC2130LL	\$37.50		
2	35	10kA	THQC2135LL	\$37.50		
2	40	10kA	THQC2140LL	\$37.50		
2	45	10kA	THQC2145LL	\$37.50		
2	50	10kA	THQC2150LL	\$37.50		
2	60	10kA	THQC2160LL	\$37.50	\$8.00	\$3.00
2	15	22kA	THHQC2115LL	\$77.50		
2	20	22kA	THHQC2120LL	\$77.50		
2	25	22kA	THHQC2125LL	\$77.50		
2	30	22kA	THHQC2130LL	\$77.50		
2	35	22kA	THHQC2135LL	\$77.50		
2	40	22kA	THHQC2140LL	\$77.50		
2	45	22kA	THHQC2145LL	\$77.50		
2	50	22kA	THHQC2150LL	\$77.50		
2	60	22kA	THHQC2160LL	\$77.50		

15-60A UL Listed HACR (heating, air conditioning and refrigeration)

Terminal Configuration

Suffix ²	Line Terminal	Load Terminal
WL	TQAL3A	THQEL3
X2	TQAL3A	N/A
LL	N/A	N/A
CC	TQAL3A	THQECC
None	N/A	THQEL3

Terminal Selection

Type	Wire Range	Product Number	List Price GO-135B
Lug-Line only	14-6 Cu/12-2 Al	TQAL3A	\$1.50
Lug-Load only	14-2 Cu/12-2 Al	THQEL3	\$1.50
Quick Connector-Load only	(4) 14 Cu or (4) 12 Al	THQECC	\$2.50

¹15 and 20 ampere breakers UL listed as SWD (Switching Duty) rated. Suitable for switching 120 Vac fluorescent lighting loads.

²Use additional suffix "BP" (THQC1120CCBP) for bulk pack of 48 poles. Must be ordered in multiples of 48 poles.

Additional Q-Line mounting accessories listed on pages 3-26 to 3-27.



Publications and Reference: See Section 22 for a complete list of additional product-related publications