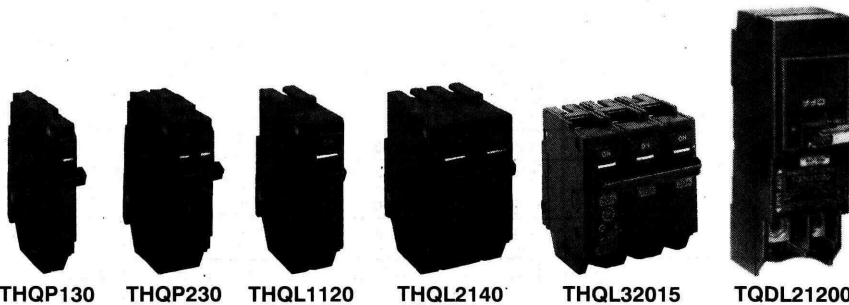


# Q Line Plug-in Circuit Breakers

UL Listed (Molded Case Circuit Breakers No. 489)  
Federal Government Specification Qualified (WC-375B)  
60°C/75°C Conductor Rating  
Quick-Make, Quick-Break  
Box Type Terminals



Breaker Type	Ampere Rating	Wire Size AWG/kcmil Ⓛ	
		Cu	Al
THQP	15-25 30-50	14-8 8-4	12-8 8-4
THQL THHQL TXQL	15-30 35-60 70-100 110-125	14-8 8-3 6-1/0 2-2/0	12-8 8-3 4-1/0 2-2/0
TQDL THQDL	125-200	1/0-250	1/0-250

Ⓛ Solid or stranded for 14-10 AWG

Ampere Rating	10,000AIC						22,000AIC				65,000AIC	
	TYPE THQP ½-inch Module			TYPE THQL 1-inch Module			TYPE THHQL 1-inch Module				TYPE TXQL 1-inch Module	
	120/240V ac			120/240V ac			120/240V ac				120/240V ac	
	Cat. No.	List Price, GO-138A		Cat. No.	List Price, GO-138A		Cat. No.	List Price, GO-138A			Cat. No.	List Price, GO-138A

## Single-pole Ⓛ

15 Ⓛ	THQP115	\$20.25	THQL1115	\$ 20.25	—	—	THHQL1115	\$ 40.25	—	—	TXQL1115	\$ 74.75
20 Ⓛ	THQP120	20.25	THQL1120	20.25	—	—	THHQL1120	40.25	—	—	TXQL1120	74.75
25	THQP125	20.25	THQL1125	20.25	—	—	THHQL1125	40.25	—	—	TXQL1125	74.75
30	THQP130	20.25	THQL1130	20.25	—	—	THHQL1130	40.25	—	—	TXQL1130	74.75
35	THQP135	21.25	THQL1135	21.25	—	—	THHQL1135	41.25	—	—	—	—
40	THQP140	21.25	THQL1140	21.25	—	—	THHQL1140	41.25	—	—	—	—
45	THQP145	21.25	THQL1145	21.25	—	—	THHQL1145	41.25	—	—	—	—
50	THQP150	21.25	THQL1150	21.25	—	—	THHQL1150	41.25	—	—	—	—
Std. Pkg.	5 cartons of 20		5 cartons of 10				5 cartons of 10				5 cartons of 10	

## Two-pole Ⓛ: Incorporates Internal Common Trip Bar

15	THQP215	46.00	THQL2115	46.00	THQL22015	\$133.00	THHQL2115	93.00	THHQL22015	\$193.00	TXQL2115	186.00
20	THQP220	46.00	THQL2120	46.00	THQL22020	133.00	THHQL2120	93.00	THHQL22020	193.00	TXQL2120	186.00
25	THQP225	46.00	THQL2125	46.00	THQL22025	133.00	THHQL2125	93.00	THHQL22025	193.00	TXQL2125	186.00
30	THQP230	46.00	THQL2130	46.00	THQL22030	133.00	THHQL2130	93.00	THHQL22030	193.00	TXQL2130	186.00
35	THQP235	47.75	THQL2135	47.75	THQL22035	133.00	THHQL2135	97.00	THHQL22035	193.00	—	—
40	THQP240	47.75	THQL2140	47.75	THQL22040	133.00	THHQL2140	97.00	THHQL22040	193.00	—	—
45	THQP245	47.75	THQL2145	47.75	THQL22045	133.00	THHQL2145	97.00	THHQL22045	193.00	—	—
50	THQP250	47.75	THQL2150	47.75	THQL22050	133.00	THHQL2150	97.00	THHQL22050	193.00	—	—
60	—	—	THQL2160	47.75	THQL22060	133.00	THHQL2160	97.00	THHQL22060	193.00	—	—
70	—	—	THQL2170	95.00	THQL22070	156.00	THHQL2170	148.00	THHQL22070	251.00	—	—
80	—	—	THQL2180	131.00	THQL22080	221.00	THHQL2180	210.00	THHQL22080	277.00	—	—
90	—	—	THQL2190	131.00	THQL22090	221.00	THHQL2190	210.00	THHQL22090	277.00	—	—
100	—	—	THQL21100	131.00	THQL22100	221.00	THHQL21100	210.00	THHQL22100	277.00	—	—
110	—	—	THQL21110	284.00	—	—	THHQL21110	686.00	—	—	—	—
125	—	—	THQL21125	284.00	—	—	THHQL21125	686.00	—	—	—	—
Std. Pkg.	5 cartons of 10		5 cartons of 5		5 cartons of 5		5 cartons of 5		5 cartons of 5		5 cartons of 5	
125	—	—	TQDL21125 Ⓛ	296.00	—	—	THQDL21125 Ⓛ	713.00	—	—	—	—
150	—	—	TQDL21150 Ⓛ	296.00	—	—	THQDL21150 Ⓛ	713.00	—	—	—	—
175	—	—	TQDL21175 Ⓛ	296.00	—	—	THQDL21175 Ⓛ	713.00	—	—	—	—
200	—	—	TQDL21200 Ⓛ	296.00	—	—	THQDL21200 Ⓛ	713.00	—	—	—	—
Std. Pkg.			10 cartons of 1				10 cartons of 1					

## Three-pole Ⓛ: Incorporates Internal Common Trip Bar

15	—	—	—	—	THQL32015	165.00	—	—	THHQL32015	251.00	TXQL32015	348.00 Ⓛ
20	—	—	—	—	THQL32020	165.00	—	—	THHQL32020	251.00	TXQL32020	348.00 Ⓛ
25	—	—	—	—	THQL32025	165.00	—	—	THHQL32025	251.00	TXQL32025	348.00 Ⓛ
30	—	—	—	—	THQL32030	165.00	—	—	THHQL32030	251.00	TXQL32030	348.00 Ⓛ
35	—	—	—	—	THQL32035	165.00	—	—	THHQL32035	251.00	—	—
40	—	—	—	—	THQL32040	165.00	—	—	THHQL32040	251.00	—	—
45	—	—	—	—	THQL32045	165.00	—	—	THHQL32045	251.00	—	—
50	—	—	—	—	THQL32050	165.00	—	—	THHQL32050	251.00	—	—
60	—	—	—	—	THQL32060	165.00	—	—	THHQL32060	251.00	—	—
70	—	—	—	—	THQL32070	216.00	—	—	THHQL32070	329.00	—	—
80	—	—	—	—	THQL32080	245.00	—	—	THHQL32080	359.00	—	—
90	—	—	—	—	THQL32090	245.00	—	—	THHQL32090	359.00	—	—
100	—	—	—	—	THQL32100	245.00	—	—	THHQL32100	359.00	—	—
Std. Pkg.					5 cartons of 3				5 cartons of 3		5 cartons of 3	

Ⓛ UL Listed as HACR (heating, air conditioning and refrigeration).

Ⓛ UL Listed as SWD (switching duty). Suitable for 120 volts ac fluorescent lighting loads.

Ⓛ 15-100 amp UL Listed as HACR (heating, air conditioning and refrigeration).  
Ⓛ Requires four one-inch spaces.  
Ⓛ GO-138.

**References:**  
Accessories Pages. . . . . 1-11  
thru 1-13  
Auxiliary Switches . . . . . BuyLog pages  
& Shunt Trips. . . . . 4-48 thru 4-49



GE Service Entrance Equipment

# PowerMark Gold™ and Plus™ Load Centers

## Catalog Number Guide for Load Centers (Catalog number for illustrative purposes only)

	T	M	42	4	20	C	CU	B
<b>GE Identification</b>								
<b>Type</b>								
M = Main breaker FM = Main fusible L = Main lug LM = Convertible PL = Main lug (Thermoplastic)								
<b>Maximum Number 1" Spaces</b>								
2, 4, 6 ... 42								
<b>Insert for 3-Phase 4-Wire Load Centers</b>								
<b>Insert for Specials</b>	G or T = Factory installed ground bar B = Bottom feed main breaker FL = Factory-installed feed-thru lugs							
<b>Insert for PowerMark Gold</b>	CU = Copper Bus							
<b>Enclosure Type</b>								
C = Combination surface/flush F = Flush S = Surface R = Outdoor								
<b>Bus Ampere Rating</b>								
40 = 40 Amps      20 = 200 Amps 70 = 70 Amps      22 = 225 Amps 10 = 100 Amps      30 = 300 Amps 12 = 125 Amps      40 = 400 Amps 15 = 150 Amps      60 = 600 Amps								

## Catalog Number Guide for Q Line Plug-in Circuit Breakers (Catalog number for illustrative purposes only)

	T	H	QL	1	1*	15
<b>GE Identification</b>						
<b>Interrupting Rating</b>						
H = 10kAIC HH = 22kAIC X = 65kAIC						
<b>Type</b>						
QL = 1" plug-in QP = ½" plug-in QB = 1" bolt-on						
<b>Poles (1, 2, 3)</b>						
<b>Ground Fault/Arc Fault Circuit Interrupter</b>	GF = 1-pole Ground Fault Circuit Interrupter GF1 = 2-pole Ground Fault Circuit Interrupter AF = 1-pole Arc Fault Circuit Interrupter					
<b>Ampere Rating</b>						
<b>Voltage</b>						
1 = 120/240V 2 = 240V						

\*Omit character for THQP breakers, which are all 120/240V.



## GE Molded Case Circuit Breakers

# Molded Case Circuit Breakers

*Spectra RMS™, Spectra RMS™ with MicroVersaTrip Plus™ Trip Units, Spectra RMS™ with MicroVersaTrip PM™ Trip Units, Thermal Magnetic and J/K with MicroVersaTrip® RMS-9 and Power+™ 4 Trip Units*

## How to Order

### Q Line

- Thermal Magnetic Circuit Breakers
- Molded-Case Switches

The catalog number as shown in the following pages includes the complete breaker or switch. TQD and TJD breakers are complete with Cu/Al line and load lugs.

### Spectra RMS™

- Circuit Breakers

Determine the required breaker frame, IC rating, and load requirements. Select frame, trip unit (rating plug), and lug, if required, catalog numbers from the tables on pages 4-18 and 4-19. Select field-mounted internal accessory catalog numbers, if required, on page 4-47. Select field-mounted external accessory catalog numbers, if required, on pages 4-48 through 4-65. Order as separate items. For Spectra breakers with MicroVersaTrip Plus Trip Units or MicroVersaTrip PM Trip Units refer to page 4-26 through 4-35.

- Mag-Break Motor Circuit Protectors

Determine the required frame and ampere requirements. Select frame, trip unit (rating plug), and lug, if required, catalog numbers from the table on page 4-42. Select accessories as noted above for circuit breakers. The same accessories are used with both circuit breakers and motor circuit protectors. Order as separate items.

- Molded-Case Switches

Determine the required frame and ampere requirements. Select frame and lug, if required, catalog numbers from the table on page 4-20. Rating plugs are not used. Select accessories as noted above for circuit breakers. Internal accessories do not require dummy trips. The same accessories are used with both circuit breakers and molded-case switches. Order as separate items.

Unless otherwise noted, all circuit breakers are UL listed in File E-11592. Molded-case switches are UL listed in File E-57546. Field-Installable Internal Accessories are UL listed in File E-57253. Distribution Cable Accessories for MicroVersaTrip Plus Trip Units and MicroVersaTrip PM Trip Units are UL listed in File E-57253.

### E 150 Line

- Thermal Magnetic Circuit Breakers
- Magnetic Circuit Breakers
- Molded-Case Switches

The catalog numbers as shown in the following pages include the complete breaker or switch. All devices listed come with Cu/Al line and load lugs. If line lugs are not required on a breaker, eliminate "WL" from catalog number; for molded-case switches see page 4-3. Unless otherwise noted, all circuit breakers are UL listed in File E-11592. Molded-case switches are UL listed in File E-57546.

### F 225 Line

- Thermal Magnetic Circuit Breakers
- Magnetic Circuit Breakers
- Molded-Case Switches

These breakers are available with either noninterchangeable trips (designated Type TFJ) or interchangeable trips (designated Types TFK/THFK). When ordering Type TFJ, catalog number includes

complete breaker, trip unit, Cu/Al line and load lugs *factory assembled*. If line lugs are not required on a breaker, eliminate "WL" from catalog number, and subtract price of line lugs from price of complete breaker. If interchangeable trip (Types TFK/THFK) is required order one of two ways. "Complete circuit breaker" price includes frame, trip, Cu/Al line and load lugs. Units will be shipped unassembled unless specified on order "must be factory assembled." If line lugs are not required on a breaker, eliminate "WL" from catalog number, and subtract price of line lugs from price of complete breaker. To order the frame, trip, and lugs separately, select the required components from table. Magnetic breakers must be ordered as components. A complete breaker consists of frame, trip unit, one line lug per pole and one load lug per pole. Price of "Complete Circuit Breaker" vs. ordering frame, trip, and line and load lugs separately is the same.

Molded-case switches can also be ordered as complete units (designated TFK---Y) or as separate components. They are UL listed only as complete units. To indicate required lugs, see page 4-3.

Unless otherwise noted, all circuit breakers are UL listed in File E-11592. Molded-case switches are UL listed in File E-57546.

### J 600 Line

- Thermal Magnetic Circuit Breakers
- Magnetic Circuit Breakers
- Molded-Case Switches

These breakers are available with either noninterchangeable trip (designated Type TJJ) or interchangeable trip (designated Type TJK and THJK). Type TJJ catalog numbers include frame, trip, Cu/Al line, and load lugs *factory assembled*. If line lugs are not required on the breaker, eliminate "WL" from catalog number, and subtract price of line lugs from price of complete breaker.

TJK breakers are available in two frames, 400 ampere frame (125 to 400 amperes) and 600 ampere frame (250 to 600 amperes). Trip units are not interchangeable between frames.

"Complete Circuit Breaker" price includes frame, trip unit, Cu/Al line, and load lugs. Unit will be shipped unassembled unless order specifies "must be factory assembled." If line lugs are not required, eliminate "WL" from catalog number and subtract price of line lugs from price of complete breaker.

To order the frame, trip, and lugs separately, select the required components from table. Magnetic breakers must be ordered as components. A complete breaker consists of frame, trip, and one line and one load lug *per pole*.

Price of ordering "Complete Circuit Breaker" vs. frame, trip, and line and load lugs separately is the same.

Molded-case switches can also be ordered as complete units (designated Type TJK---Y) or as separate components. They are UL listed only as complete units. To indicate required lugs, see page 4-3.

Unless otherwise noted, all circuit breakers are UL listed in File E-11592. Molded-case switches are UL listed in File E-57546.

(continued on next page)

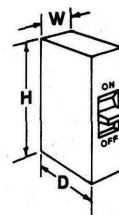


## GE Molded Case Circuit Breakers

# Molded Case Circuit Breakers

## Quick Reference Guide

Ratings do not apply to molded-case switches



### Q Line (UL File E-11592; Fixed Thermal Magnetic Trip Unit)

Circuit Breaker Type	Ampere Rating	No. Poles	Maximum Voltage Rating		UL Listed Interrupting Ratings—rms Symmetrical Amps (In Thousands)								Dimensions (In.)							Std. Pack
					ac Voltage						dc Voltage									
			ac	dc	120	120/240	240	277	480	600	125	250	H	W	D	A	B	C	E	
THQP ①	15-50	1	120/240	—	—	10	—	—	—	—	—	—	3 3⁄32	1 1⁄2	2 3⁄16	—	—	—	—	100
		2												1						50
TQL/TQB/TQC ②	10	1	120/240	—	—	5 ③	—	—	—	—	—	—	3 3⁄32	1	2 3⁄16	—	—	—	—	50
		2					5 ③							2						25
		3				240	—	3	15											
THQL ① THQB ① THQC ①	15-70	1	120/240	—	—	10	—	—	—	—	—	3 3⁄32	1	2 3⁄16	—	—	—	—	50	
	15-125	2					10						2						25	
	15-100	3				240	—	3	15											
THHQB ① THHQC ①	15-70	1	120/240	—	—	22	—	—	—	—	—	3 3⁄32	1	2 3⁄16	—	—	—	—	50	
	15-100	2					22						2						25	
	3	240				—	3	15												
THHQL ①	15-70	1	120/240	—	—	22	—	—	—	—	—	3 3⁄32	1	2 3⁄16	—	—	—	—	50	
	15-125	2					22						2						25	
	15-100	3				240	—	3	15											
TXQL ① TXQB ① TXQC ①	15-30	1	120/240	—	—	65	—	—	—	—	—	3 3⁄32	1	2 3⁄16	—	—	—	—	50	
		2					—						2						25	
		3				240	—	65	3	15										
TQDL	125-200	2	120/240	—	—	10	—	—	—	—	—	—	6 1⁄16	2	2 3⁄16	—	—	—	—	12
THQDL	125-200	2	120/240	—	—	22	—	—	—	—	—	—	6 1⁄16	2	2 3⁄16	—	—	—	—	12
TQD ①	100-225	2	240	—	—	10	10	—	—	—	—	—	6 9⁄16	2 3⁄4	2 5⁄16	2 7⁄16	—	2 7⁄32	1	
	100-225	3	240			—	10							4 1⁄8			1 1⁄16		1	
THQD ①	100-225	2	240	—	—	22	22	—	—	—	—	—	6 9⁄16	2 3⁄4	2 5⁄16	2 7⁄16	—	2 7⁄32	1	
	100-225	3	240			—	22							4 1⁄8			1 1⁄16		1	
TJD	250-400	2	240	—	—	22	22	—	—	—	—	10	10 1⁄8	8 1⁄4	3 1⁄16	3 1⁄16	3 1⁄16	1 3⁄8	1 3⁄16	1
		3	240			—	22					1								

### CB3 (UL File E-51075; Fixed Thermal Magnetic Trip Unit)

THQB THQC THQL ...GF	15-30	1	120	—	10	—	—	—	—	—	—	—	—	3 <sup>3</sup> / <sub>32</sub>	1	2 <sup>3</sup> / <sub>16</sub>	—	—	—	—	10
		2	120/240	—	—	10	—	—	—	—	—	—	—		2						10
THHQL ...GF THHQB ...GF	15-30	1	120	—	22	—	—	—	—	—	—	—	—	3 <sup>3</sup> / <sub>32</sub>	1	2 <sup>3</sup> / <sub>16</sub>	—	—	—	—	10

① UL listed as HACR.

② TQL 1215 & TQL 1220, 1-pole, 240 Vac, not UL listed.

③ Not UL listed.