



**GE Molded Case Circuit Breakers**

**Q Line Circuit Breakers**

60°C/75°C Conductor Rating  
Box Type Terminals



**THQL1120**



**THQB2115**



**THQL32015**

**Types TQL, THQL, TQB, THQB**

10-125 Amps

10,000 Amps IC, UL listed HACR

Ampere Rating	TQL, THQL Plug-In		TQB, THQB Bolt-On	
	Catalog Number	List Price, GO-138A	Catalog Number	List Price, GO-135B

**Single-Pole, 120/240 Volts ac**

10 <sup>ⓐ</sup>	TQL1110	\$ 20.00	TQB1110	\$ 19.75
15 <sup>ⓑ</sup>	THQL1115	20.25	THQB1115	19.75
20 <sup>ⓑ</sup>	THQL1120	20.25	THQB1120	19.75
25	THQL1125	20.25	THQB1125	19.75
30	THQL1130	20.25	THQB1130	19.75
35	THQL1135	21.25	THQB1135	19.75
40	THQL1140	21.25	THQB1140	19.75
45	THQL1145	21.25	THQB1145	19.75
50	THQL1150	21.25	THQB1150	19.75
60	THQL1160	21.25	THQB1160	19.75
70	THQL1170	42.50	THQB1170	38.00

**Two-Pole, 120/240 Volts ac, Internal Common Trip**

10 <sup>ⓐ</sup>	TQL2110	46.00	TQB2110	43.50
15	THQL2115	46.00	THQB2115	43.50
20	THQL2120	46.00	THQB2120	43.50
25	THQL2125	46.00	THQB2125	43.50
30	THQL2130	46.00	THQB2130	43.50
35	THQL2135	47.75	THQB2135	43.50
40	THQL2140	47.75	THQB2140	43.50
45	THQL2145	47.75	THQB2145	43.50
50	THQL2150	47.75	THQB2150	43.50
60	THQL2160	47.75	THQB2160	43.50
70	THQL2170	95.00	THQB2170	82.50
80	THQL2180	131.00	THQB2180	113.00
90	THQL2190	131.00	THQB2190	113.00
100	THQL21100	131.00	THQB21100	113.00
110	THQL21110	284.00	—	—
125	THQL21125 <sup>ⓐ</sup>	284.00	—	—

**Two-Pole, 240 Volts ac, Internal Common Trip**

10 <sup>ⓐ</sup>	TQL22010	133.00 <sup>ⓐ</sup>	TQB22010	113.00
15	THQL22015	133.00 <sup>ⓐ</sup>	THQB22015	113.00
20	THQL22020	133.00 <sup>ⓐ</sup>	THQB22020	113.00
25	THQL22025	133.00 <sup>ⓐ</sup>	THQB22025	113.00
30	THQL22030	133.00 <sup>ⓐ</sup>	THQB22030	113.00
35	THQL22035	133.00 <sup>ⓐ</sup>	THQB22035	113.00
40	THQL22040	133.00 <sup>ⓐ</sup>	THQB22040	113.00
45	THQL22045	133.00 <sup>ⓐ</sup>	THQB22045	113.00
50	THQL22050	133.00 <sup>ⓐ</sup>	THQB22050	113.00
60	THQL22060	133.00 <sup>ⓐ</sup>	THQB22060	113.00
70	THQL22070	156.00 <sup>ⓐ</sup>	THQB22070	148.00
80	THQL22080	221.00 <sup>ⓐ</sup>	THQB22080	170.00
90	THQL22090	221.00 <sup>ⓐ</sup>	THQB22090	170.00
100	THQL22100	221.00 <sup>ⓐ</sup>	THQB22100	170.00

**Three-Pole, 240 Volts ac, Internal Common Trip**

10 <sup>ⓐ</sup>	TQL32010	165.00 <sup>ⓐ</sup>	TQB32010 <sup>ⓐ</sup>	139.00
15	THQL32015	165.00 <sup>ⓐ</sup>	THQB32015	139.00
20	THQL32020	165.00 <sup>ⓐ</sup>	THQB32020	139.00
25	THQL32025	165.00 <sup>ⓐ</sup>	THQB32025	139.00
30	THQL32030	165.00 <sup>ⓐ</sup>	THQB32030	139.00
35	THQL32035	165.00 <sup>ⓐ</sup>	THQB32035	139.00
40	THQL32040	165.00 <sup>ⓐ</sup>	THQB32040	139.00
45	THQL32045	165.00 <sup>ⓐ</sup>	THQB32045	139.00
50	THQL32050	165.00 <sup>ⓐ</sup>	THQB32050	139.00
60	THQL32060	165.00 <sup>ⓐ</sup>	THQB32060	139.00
70	THQL32070	216.00 <sup>ⓐ</sup>	THQB32070	175.00
80	THQL32080	245.00 <sup>ⓐ</sup>	THQB32080	199.00
90	THQL32090	245.00 <sup>ⓐ</sup>	THQB32090	199.00
100	THQL32100	245.00 <sup>ⓐ</sup>	THQB32100	199.00

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

- ① 5000 AIC.
- ② UL listed as SWD (Switching Duty) rated. Suitable for switching 120 Volt ac fluorescent lighting loads.

- ③ Recommended for use as main or submain breaker only.
- ④ GO-138.
- ⑤ Not UL listed.

\* Solid or standard for 14-10 AWG.

4 MOLDED CASE CIRCUIT BREAKERS

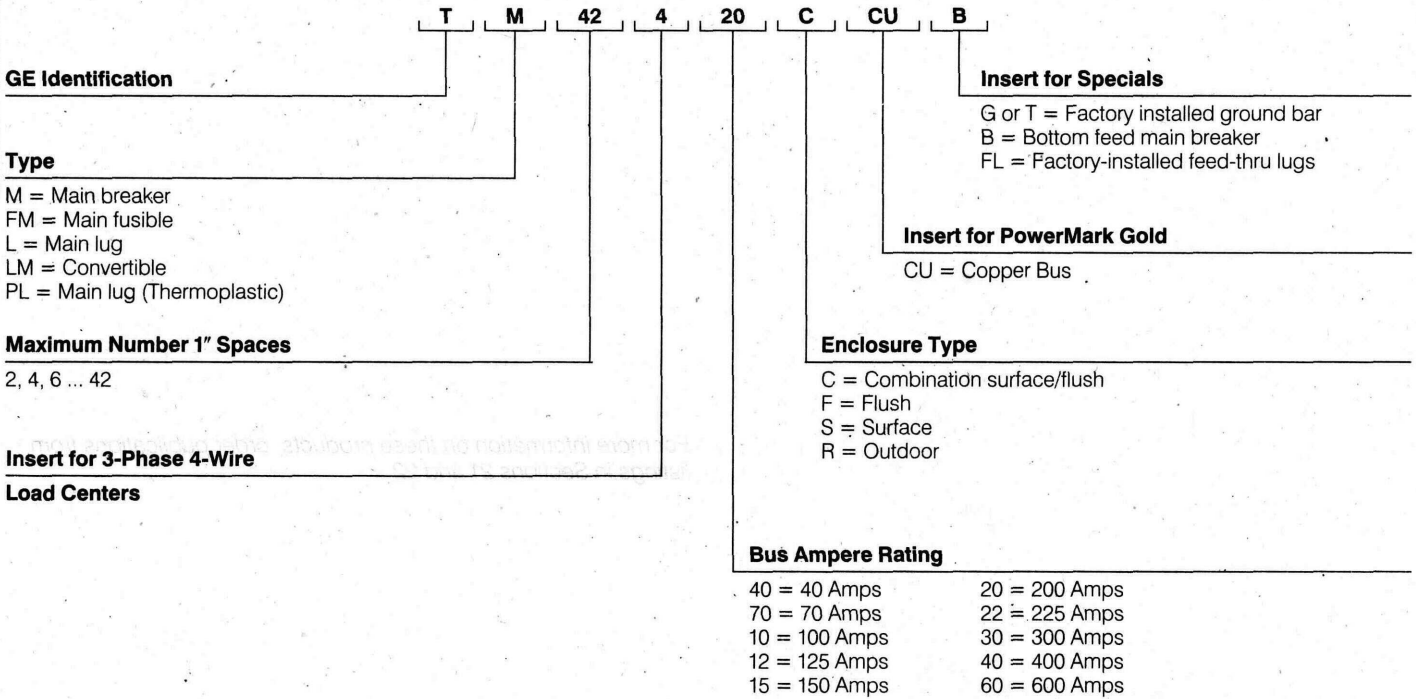


# GE Service Entrance Equipment

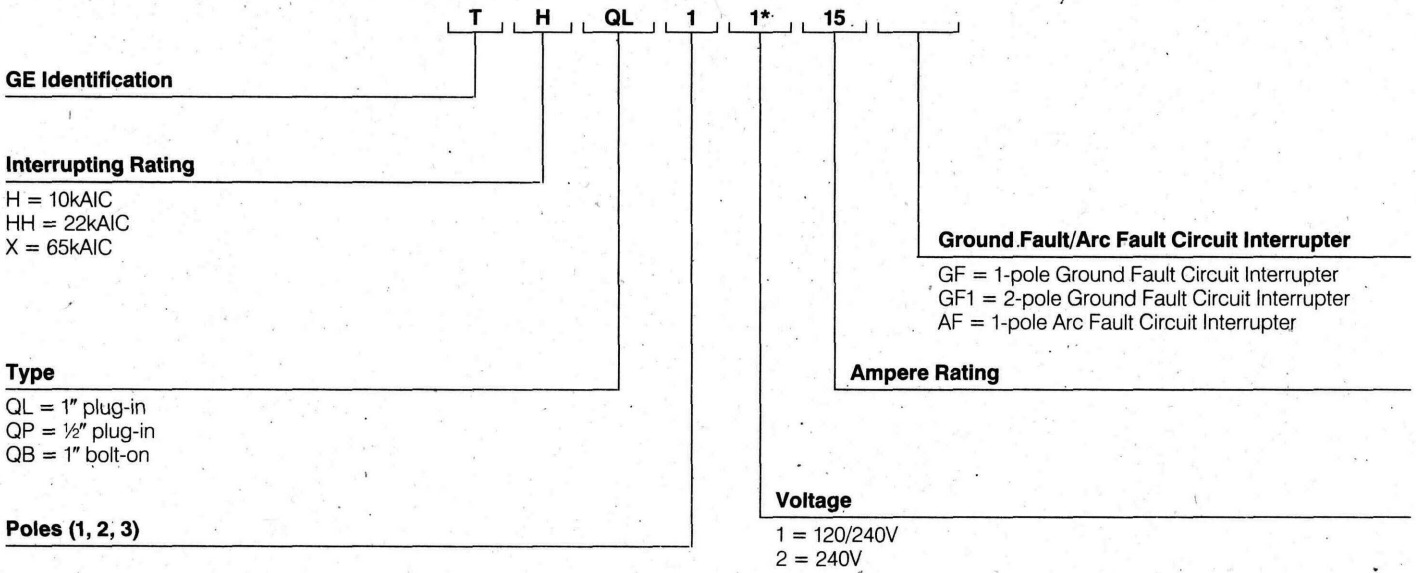
## PowerMark Gold™ and Plus™ Load Centers

SERVICE ENTRANCE

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



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



\*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)

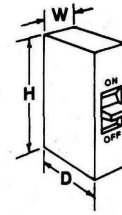


**GE Molded Case Circuit Breakers**

# 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				H	W	D	A	B	C		E	
					120	120/240	240	277	480	600	125	250									
THQP <sup>Ⓞ</sup>	15-50	1	120/240	—	—	10	—	—	—	—	—	—	3 <sup>3</sup> / <sub>32</sub>	1/2	2 <sup>3</sup> / <sub>8</sub>	—	—	—	—	—	100
		2												1							50
TQL/TQB/ TQC <sup>Ⓞ</sup>	10	1	120/240	—	—	5 <sup>Ⓞ</sup>	—	—	—	—	—	—	3 <sup>3</sup> / <sub>32</sub>	1	2 <sup>3</sup> / <sub>8</sub>	—	—	—	—	—	50
		2												2							25
		3												3							15
THQL <sup>Ⓞ</sup> THQB <sup>Ⓞ</sup> THQC <sup>Ⓞ</sup>	15-70	1	120/240	—	—	10	—	—	—	—	—	—	3 <sup>3</sup> / <sub>32</sub>	1	2 <sup>3</sup> / <sub>8</sub>	—	—	—	—	—	50
	15-125	2												2							25
	15-100	3												3							15
THHQB <sup>Ⓞ</sup> THHQC <sup>Ⓞ</sup>	15-70	1	120/240	—	—	22	—	—	—	—	—	—	3 <sup>3</sup> / <sub>32</sub>	1	2 <sup>3</sup> / <sub>8</sub>	—	—	—	—	—	50
	15-100	2												2							25
		3												3							15
THHQL <sup>Ⓞ</sup>	15-70	1	120/240	—	—	22	—	—	—	—	—	—	3 <sup>3</sup> / <sub>32</sub>	1	2 <sup>3</sup> / <sub>8</sub>	—	—	—	—	—	50
	15-125	2												2							25
	15-100	3												3							15
TXQL <sup>Ⓞ</sup> TXQB <sup>Ⓞ</sup> TXQC <sup>Ⓞ</sup>	15-30	1	120/240	—	—	65	—	—	—	—	—	—	3 <sup>3</sup> / <sub>32</sub>	1	2 <sup>3</sup> / <sub>8</sub>	—	—	—	—	—	50
		2												2							25
		3												3							15
TQDL	125-200	2	120/240	—	—	10	—	—	—	—	—	—	—	6 <sup>1</sup> / <sub>16</sub>	2	2 <sup>3</sup> / <sub>8</sub>	—	—	—	—	12
THQDL	125-200	2	120/240	—	—	22	—	—	—	—	—	—	—	6 <sup>1</sup> / <sub>16</sub>	2	2 <sup>3</sup> / <sub>8</sub>	—	—	—	—	12
TQD <sup>Ⓞ</sup>	100-225	2	240	—	—	10	10	—	—	—	—	—	—	6 <sup>3</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>4</sub>	2 <sup>5</sup> / <sub>8</sub>	2 <sup>7</sup> / <sub>16</sub>	2 <sup>7</sup> / <sub>16</sub>	—	—	1
	100-225	3	240	—	—	—	10	—	—	—	—	—	—	6 <sup>3</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>8</sub>	2 <sup>5</sup> / <sub>8</sub>	2 <sup>7</sup> / <sub>16</sub>	2 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	2 <sup>7</sup> / <sub>32</sub>	1
THQD <sup>Ⓞ</sup>	100-225	2	240	—	—	22	22	—	—	—	—	—	—	6 <sup>3</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>4</sub>	2 <sup>5</sup> / <sub>8</sub>	2 <sup>7</sup> / <sub>16</sub>	2 <sup>7</sup> / <sub>16</sub>	—	—	1
	100-225	3	240	—	—	—	22	—	—	—	—	—	—	6 <sup>3</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>8</sub>	2 <sup>5</sup> / <sub>8</sub>	2 <sup>7</sup> / <sub>16</sub>	2 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	2 <sup>7</sup> / <sub>32</sub>	1
TJD	250-400	2	240	—	—	22	22	—	—	—	—	—	10	10 <sup>3</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>16</sub>	1
		3	240	—	—	—	22	—	—	—	—	—	—	10 <sup>3</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>16</sub>	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>8</sub>	—	—	—	—	10
		2	120/240	—	—	10	—	—	—	—	—	—	—	—	3 <sup>3</sup> / <sub>32</sub>	2	2 <sup>3</sup> / <sub>8</sub>	—	—	—	10
THHQL ...GF THHQB ...GF	15-30	1	120	—	22	—	—	—	—	—	—	—	—	3 <sup>3</sup> / <sub>32</sub>	1	2 <sup>3</sup> / <sub>8</sub>	—	—	—	—	10

- Ⓞ UL listed as HACR.
- Ⓜ TQL 1215 & TQL 1220, 1-pole, 240 Vac, not UL listed.
- Ⓝ Not UL listed.

**4 MOLDED CASE CIRCUIT BREAKERS**