

Load Centers and Circuit Breakers

PowerMark Gold and Plus Load Centers

Section 1

Product Number Guides

Product Number Guide for Load Centers

(Product number for illustrative purposes only)

T	M	42	4	20	C	CU	B
GE Identification							
Type							
M = Main breaker							
L = Main lug							
LM = Convertible							
PL = Main lug (Thermoplastic)							
Maximum Number 1" Spaces							
2, 4, 6...42							
Insert for 3-Phase 4-Wire Load Centers							
						Insert for Specials	
						G or T = Factory installed ground bar	
						B = Bottom feed main breaker	
						FL = Factory installed feed-through lugs	
						D = Optional door for 6-8 circuit panel. (Doors standard on all units 12 circuits or greater)	
						W = White Front	
						Insert for PowerMark Gold	
						CU = Copper Bus	
						42 = Copper Bus Full 42 circuit panel	
						Enclosure Type	
						C = Combination surface/flush	
						F = Flush	
						S = Surface	
						R = Outdoor	
						Bus Ampere Rating	
						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	

Product Number Guide for Q-Line Plug-in Circuit Breakers

(Product number for illustrative purposes only)

T	H	QL	1	1*	15	GFT	
GE Identification							
Interrupting Rating							
H = 10kAIC							
HH = 22kAIC							
X = 65kAIC							
Type							
QL = 1" plug-in							
QP = 1/2" plug-in							
QB = 1" bolt-on							
Poles (1, 2, 3)							
						Ground Fault/Arc Fault Circuit Interrupter	
						AF2 = 1- & 2-pole Combination Arc Fault Circuit Interrupter	
						GFEP = 1- & 2-pole Ground Fault with Equipment Protection Interrupter-30 mA	
						GFT = 1- & 2-pole Ground Fault with Self-Test Feature Interrupter - 5 mA	
						DF = 1-pole Dual Function GFCI/AFCI Ground Fault & Combination Arc Fault Circuit Interrupter	
						Ampere Rating	
						Voltage	
						1 = 120/240V	
						2 = 240V	

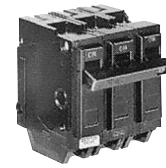
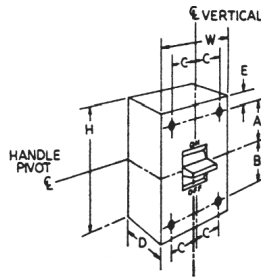
*Omit character for THQP breakers, which are all 120/240V.



Quick Reference Guide

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.



THQL 32015

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 kA								Dimensions (in.)							Std. Pack			
					Vac						Vdc		H	W	D	A	B	C	E				
					ac	dc	120	120/240	240	277	480	600									125	250	
TQ	15-50	1	120/240	—	—	10	—	—	—	—	—	—	—	3	3/4	2 3/8	—	—	—	—	10		
	15-60	2	120/240	—	—	10	—	—	—	—	—	—	—	3	1 1/2	2 3/8	—	—	—	—	5		
THQP ¹	15-50	1	120/240	—	—	10	—	—	—	—	—	—	—	3 9/32	1/2	2 3/8	—	—	—	—	—	100	
		2													1							50	
TQL/TQB/ TQC	10	1	120/240	—	—	5 ²	—	—	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	—	—	50
		2													2								25
		3													3								15
THQL ¹ THQB ¹ THQC ¹	15-70	1	120/240	—	—	10	—	—	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	—	—	50
	15-125	2													2								25
	15-100	3													3								15
THHQB ¹ THHQC ¹	15-70	1	120/240	—	—	22	—	—	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	—	—	50
	15-100	2													2								25
	15-100	3													3								15
THHQL ¹	15-70	1	120/240	—	—	22	—	—	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	—	—	50
	15-125	2													2								25
	15-100	3													3								15
TXQL ¹ TXQB ¹ TXQC ¹	15-30	1	120/240	—	—	65	—	—	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	—	—	50
		2													2								25
		3													3								15
TQD ¹	100-225	2	240	—	—	10	10	—	—	—	—	—	—	6 9/16	2 3/4	2 5/8	2 7/16	2 7/16	—	27/32	—	1	
	100-225	3	240			—	10								—							—	—
THQD ¹	100-225	2	240	—	—	22	22	—	—	—	—	—	—	6 9/16	2 3/4	2 5/8	2 7/16	2 7/16	—	27/32	—	1	
	100-225	3	240			—	22								—							—	—
TJD	250-400	2	240	—	—	22	22	—	—	—	—	—	10	10 1/8	8 1/4	3 13/16	3 15/16	3 13/16	1 3/8	1 3/16	—	1	
		3	240			—	22															—	—

CB3 Ground Fault, Equipment Ground Fault and Arc Fault (UL File E-51075; Fixed Thermal Magnetic Trip Unit)

THQL THQB THQC ...GF, GFEP	15-30	1	120	—	10	—	—	—	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	—	—	10
		2	120/240												—								10
THHQL THHQB ...GF	15-30	1	120	—	22	—	—	—	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	—	—	10
THQL THQB THQC ...AF	15-20	1	120/240	—	—	10	—	—	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	—	—	10
THHQL THHQB ...AF	15-20	1	120/240	—	—	22	—	—	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	—	—	10

¹ UL listed as HACR (heating, air conditioning and refrigeration).

² Not UL listed.



Molded Case Circuit Breakers

Q-Line Circuit Breakers

Bolt-on Circuit Breakers
240V Class

Section 6

THQB, THHQB 120/240 Vac, High Intensity Discharge Lighting Loads¹

# of Poles	Ampere Rating	Wire Range ²	120/240 Vac Interrupting Rating	Product Number
1	15	14-8 Cu/12-8 Al	10kA	THQB1115HID ³
1	20	14-8 Cu/12-8 Al	10kA	THQB1120HID ³
1	25	14-8 Cu/12-8 Al	10kA	THQB1125HID
1	30	14-8 Cu/12-8 Al	10kA	THQB1130HID
1	15	14-8 Cu/12-8 Al	22kA	THHQB1115HID ³
1	20	14-8 Cu/12-8 Al	22kA	THHQB1120HID ³
1	25	14-8 Cu/12-8 Al	22kA	THHQB1125HID
1	30	14-8 Cu/12-8 Al	22kA	THHQB1130HID
2	15	14-8 Cu/12-8 Al	10kA	THQB2115HID
2	20	14-8 Cu/12-8 Al	10kA	THQB2120HID
2	25	14-8 Cu/12-8 Al	10kA	THQB2125HID
2	30	14-8 Cu/12-8 Al	10kA	THQB2130HID

THHQB 120/240 Vac, Internal Common Trip, High Intensity Discharge Lighting Loads¹

# of Poles	Ampere Rating	Wire Range ²	120/240 Vac Interrupting Rating	Product Number
2	15	14-8 Cu/12-8 Al	22kA	THHQB2115HID
2	20	14-8 Cu/12-8 Al	22kA	THHQB2120HID
2	25	14-8 Cu/12-8 Al	22kA	THHQB2125HID
2	30	14-8 Cu/12-8 Al	22kA	THHQB2130HID

THQB 120 Vac with Factory Installed 120 Vac Shunt Trip^{4,5}

# of Poles	Ampere Rating	Wire Range ²	120 Vac Interrupting Rating	Product Number
1	20	14-8 Cu/12-8 Al	10kA	THQB1120ST1

THQB 120 Vac, Internal Common Trip with Factory Installed 120 Vac Shunt Trip^{4,5}

# of Poles	Ampere Rating	Wire Range ²	120 Vac Interrupting Rating	Product Number
2	20	14-8 Cu/12-8 Al	10kA	THQB2120ST1
2	30	14-8 Cu/12-8 Al	10kA	THQB2130ST1
2	100	6-1/0 Cu/4-1/0 Al	10kA	THQB21100ST1
3	20	14-8 Cu/12-8 Al	10kA	THQB32020ST1
3	30	14-8 Cu/12-8 Al	10kA	THQB32030ST1
3	35	8-3 Cu/8-3 Al	10kA	THQB32035ST1
3	40	8-3 Cu/8-3 Al	10kA	THQB32040ST1
3	50	8-3 Cu/8-3 Al	10kA	THQB32050ST1
3	60	8-3 Cu/8-3 Al	10kA	THQB32060ST1
3	70	6-1/0 Cu/4-1/0 Al	10kA	THQB32070ST1
3	80	6-1/0 Cu/4-1/0 Al	10kA	THQB32080ST1
3	90	6-1/0 Cu/4-1/0 Al	10kA	THQB32090ST1
3	100	6-1/0 Cu/4-1/0 Al	10kA	THQB32100ST1

THQB 120 Vac with Switching Neutral Single Thermal Magnetic Pole; Single Nonautomatic Pole

# of Poles	Ampere Rating	Wire Range ²	120 Vac Interrupting Rating	Product Number
2	15	14-8 Cu/12-8 Al	10kA	THQB21WY15
2	20	14-8 Cu/12-8 Al	10kA	THQB21WY20
2	25	14-8 Cu/12-8 Al	10kA	THQB21WY25
2	30	14-8 Cu/12-8 Al	10kA	THQB21WY30

THQB 120 Vac with Switching Neutral Two Thermal Magnetic Pole; Single Nonautomatic Pole

# of Poles	Ampere Rating	Wire Range ²	120 Vac Interrupting Rating	Product Number
3	15	14-8 Cu/12-8 Al	10kA	THQB31WY15
3	20	14-8 Cu/12-8 Al	10kA	THQB31WY20
3	25	14-8 Cu/12-8 Al	10kA	THQB31WY25
3	30	14-8 Cu/12-8 Al	10kA	THQB31WY30

¹UL listed as HID (high intensity discharge).

²Solid or stranded for 14-10 AWG.

³UL listed as SWD (switching duty). Suitable for switching 120 Vac fluorescent lighting loads.

⁴For additional shunt trip offerings see page 6-41.

