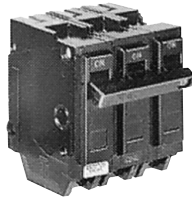
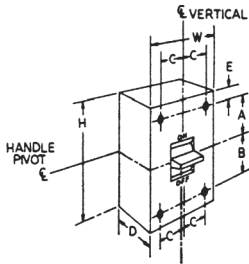


Molded Case Circuit Breakers

Quick Reference Guide



THQL 32015

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 lefthand 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.

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
				ac	dc	120	120/240	240	277	480	600	125	250	H	W	D	A	B	C	E	
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 1/2	2 3/8	—	—	—	—	100
		2	120/240	—	—	10	—	—	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	50
TQL/TQB/ TQC	10	1	120/240	—	—	52	—	—	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	50
		2	120/240	—	—	—	52	—	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	25
		3	240	—	—	—	—	—	—	—	—	—	—	3 9/32	2	2 3/8	—	—	—	—	15
THQL ¹	15-70	1	120/240	—	—	10	—	—	—	—	—	—	—	3 9/32	3	2 3/8	—	—	—	—	50
THQB ¹	15-125	2	120/240	—	—	—	10	—	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	25
THQC ¹	15-100	3	240	—	—	—	—	—	—	—	—	—	—	3 9/32	2	2 3/8	—	—	—	—	15
THHQB ¹ THHQC ¹	15-70	1	120/240	—	—	22	—	—	—	—	—	—	—	3 9/32	3	2 3/8	—	—	—	—	50
	15-100	2	120/240	—	—	—	22	—	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	25
		3	240	—	—	—	—	—	—	—	—	—	—	3 9/32	2	2 3/8	—	—	—	—	15
THHQL ¹	15-70	1	120/240	—	—	22	—	—	—	—	—	—	—	3 9/32	3	2 3/8	—	—	—	—	50
	15-125	2	120/240	—	—	—	22	—	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	25
	15-100	3	240	—	—	—	—	—	—	—	—	—	—	3 9/32	2	2 3/8	—	—	—	—	15
TXQL ¹ TXQB ¹ TXQC ¹	15-30	1	120/240	—	—	65	—	—	—	—	—	—	—	3 9/32	3	2 3/8	—	—	—	—	50
		2	120/240	—	—	—	65	—	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	25
		3	240	—	—	—	—	—	—	—	—	—	—	3 9/32	2	2 3/8	—	—	—	—	15
TQD ¹	100-225	2	240	—	—	10	10	—	—	—	—	—	—	6 9/16	3	2 5/8	2 7/16	2 7/16	—	27/32	1
	100-225	3	240	—	—	—	10	—	—	—	—	—	—	6 9/16	4 1/8	2 5/8	2 7/16	2 7/16	11/16	27/32	1
THQD ¹	100-225	2	240	—	—	22	22	—	—	—	—	—	—	6 9/16	3/4	2 5/8	2 7/16	2 7/16	—	27/32	1
	100-225	3	240	—	—	—	22	—	—	—	—	—	—	6 9/16	1 1/2	2 5/8	2 7/16	2 7/16	11/16	27/32	1
TJD	250-400	2	240	—	—	22	22	—	—	—	—	10	—	10 1/8	8 1/4	3	3	3	1 3/8	1 3/16	1
		3	240	—	—	—	22	—	—	—	—	—	—	10 1/8	8 1/4	13/16	13/16	13/16	1 3/8	1 3/16	1

Ground Fault, Equipment Ground Fault, Arc Fault and Dual Function, Fixed Thermal Trip

THQL THQC THQB GFT, GFEP	15-30	1	120	—	10	—	—	—	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	10
		2	120/240	—	—	10	—	—	—	—	—	—	—	3 9/32	2	2 3/8	—	—	—	—	10
THHQL THHQB GFT	15-20	1	120	—	22	10	—	—	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	10
THQB THQC THQL ...AF2, DF	15-20	1	120/240	—	—	—	—	—	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	10
THHQB ...AF2, DF THHQL		1	120/240	—	—	22	—	—	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	10

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

²Not UL listed.

Q-Line Circuit Breakers

Plug-in Circuit Breakers

240V Class



THQL1120GFT



THQL1120GFEP



THQL2115GFEP



THQL2120HID

THQL and THHQL 120/240 Vac, Ground Fault with Self-Test Feature

# of Poles	Ampere Rating	Wire Range ¹	120/240 Vac Interrupting Rating	Product Number
1	15	14-8 Cu/12-8 Al	10kA	THQL1115GFT
1	20	14-8 Cu/12-8 Al	10kA	THQL1120GFT
1	25	14-8 Cu/12-8 Al	10kA	THQL1125GFT
1	30	14-8 Cu/12-8 Al	10kA	THQL1130GFT
2	15	14-8 Cu/12-8 Al	10kA	THQL2115GFT
2	20	14-8 Cu/12-8 Al	10kA	THQL2120GFT
2	25	14-8 Cu/12-8 Al	10kA	THQL2125GFT
2	30	14-8 Cu/12-8 Al	10kA	THQL2130GFT
2	40	8-3 Cu/8-3 Al	10kA	THQL2140GFT ³
2	50	8-3 Cu/8-3 Al	10kA	THQL2150GFT ³
1	15	14-8 Cu/12-8 Al	22kA	THHQL1115GFT
1	20	14-8 Cu/12-8 Al	22kA	THHQL1120GFT
1	25	14-8 Cu/12-8 Al	22kA	THHQL1125GFT
1	30	14-8 Cu/12-8 Al	22kA	THHQL1130GFT
2	15	14-8 Cu/12-8 Al	22kA	THHQL2115GFT
2	20	14-8 Cu/12-8 Al	22kA	THHQL2120GFT
2	25	14-8 Cu/12-8 Al	22kA	THHQL2125GFT
2	30	14-8 Cu/12-8 Al	22kA	THHQL2130GFT

THQL and THHQL 120 Vac, Equipment Protection Ground Fault Circuit Breakers Internal Common Trip

# of Poles	Ampere Rating	Wire Range ¹	120 Vac Interrupting Rating	Product Number
1	15	14-8 Cu/12-8 Al	10kA	THQL1115GFEP
1	20	14-8 Cu/12-8 Al	10kA	THQL1120GFEP
1	30	14-8 Cu/12-8 Al	10kA	THQL1130GFEP

THQL and THHQL 120/240 Vac or 208Y/120 Vac, Equipment Protection Ground Fault Circuit Breakers

# of Poles	Ampere Rating	Wire Range ¹	120/240 Vac or 208Y/120 Vac Interrupting Rating	Product Number
2	15	14-8 Cu/12-8 Al	10kA	THQL2115GFEP
2	20	14-8 Cu/12-8 Al	10kA	THQL2120GFEP
2	30	14-8 Cu/12-8 Al	10kA	THQL2130GFEP
2	15	14-8 Cu/12-8 Al	22kA	THHQL2115GFEP
2	20	14-8 Cu/12-8 Al	22kA	THHQL2120GFEP

THQL and THHQL 120/240 Vac, High Intensity Discharge Lighting Loads

# of Poles	Ampere Rating	Wire Range ¹	120/240 Vac Interrupting Rating	Product Number
1	15	14-8 Cu/12-8 Al	10kA	THQL1115HID ²
1	20	14-8 Cu/12-8 Al	10kA	THQL1120HID ²
1	25	14-8 Cu/12-8 Al	10kA	THQL1125HID
1	30	14-8 Cu/12-8 Al	10kA	THQL1130HID
1	15	14-8 Cu/12-8 Al	22kA	THHQL1115HID ²
1	20	14-8 Cu/12-8 Al	22kA	THHQL1120HID ²
1	25	14-8 Cu/12-8 Al	22kA	THHQL1125HID
1	30	14-8 Cu/12-8 Al	22kA	THHQL1130HID

UL listed as HID.

THQL and THHQL 120/240 Vac, High Intensity Discharge Lighting Loads

# of Poles	Ampere Rating	Wire Range ¹	120/240 Vac Interrupting Rating	Product Number
2	15	14-8 Cu/12-8 Al	10kA	THQL2115HID
2	20	14-8 Cu/12-8 Al	10kA	THQL2120HID
2	25	14-8 Cu/12-8 Al	10kA	THQL2125HID
2	30	14-8 Cu/12-8 Al	10kA	THQL2130HID
2	15	14-8 Cu/12-8 Al	22kA	THHQL2115HID
2	20	14-8 Cu/12-8 Al	22kA	THHQL2120HID
2	25	14-8 Cu/12-8 Al	22kA	THHQL2125HID
2	30	14-8 Cu/12-8 Al	22kA	THHQL2130HID

UL listed as HID.

¹Solid or stranded for 14-10 AWG.

²UL listed as SWD (switching duty). Suitable for 120 Vac fluorescent lighting loads.

³UL & CSA