

Load Centers and Circuit Breakers

Q-Line Plug-in Circuit Breakers

Section 1

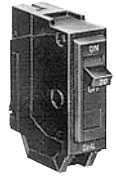
UL Listed (Molded Case Circuit Breakers No. 489)
 Federal Government Specification Qualified (WC-375B)
 60°C / 75°C Conductor Rating
 Quick Make, Quick Break
 Box Type Terminals



THQP130



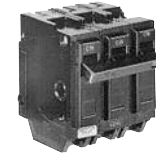
THQP230



THQL1120



THQL2140



THQL32015

Q-Line Plug-in Circuit Breakers Specifications

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

¹Solid or stranded for 14-10 AWG

Q-Line Plug-in Circuit Breakers

120/240 Vac Ampere Rating	10,000AIC			22,000AIC		65,000AIC
	Type THQP 1/2-inch Module	Type THQL 1-inch Module		Type THHQL 1-inch Module		Type TXQL 1-inch Module
	120/240 Vac	120/240 Vac	240 Vac	120/240 Vac	240 Vac	120/240 Vac
	Product Number	Product Number	Product Number	Product Number	Product Number	Product Number
Single Pole ¹						
15 ²	THQP115	THQL1115	-	THHQL1115	-	TXQL1115
20 ²	THQP120	THQL1120	-	THHQL1120	-	TXQL1120
25	THQP125	THQL1125	-	THHQL1125	-	TXQL1125
30	THQP130	THQL1130	-	THHQL1130	-	TXQL1130
35	THQP135	THQL1135	-	THHQL1135	-	-
40	THQP140	THQL1140	-	THHQL1140	-	-
45	THQP145	THQL1145	-	THHQL1145	-	-
50	THQP150	THQL1150	-	THHQL1150	-	-
Std. Pkg.	5 cartons of 20	5 cartons of 10		5 cartons of 10		5 cartons of 10

Two-Pole³: Incorporates Internal Common Trip Bar

15	THQP215	THQL2115	THQL22015 ⁴	THHQL2115	THHQL22015 ⁴	TXQL2115
20	THQP220	THQL2120	THQL22020 ⁴	THHQL2120	THHQL22020 ⁴	TXQL2120
25	THQP225	THQL2125	THQL22025 ⁴	THHQL2125	THHQL22025 ⁴	TXQL2125
30	THQP230	THQL2130	THQL22030 ⁴	THHQL2130	THHQL22030 ⁴	TXQL2130
35	THQP235	THQL2135	THQL22035 ⁴	THHQL2135	THHQL22035 ⁴	-
40	THQP240	THQL2140	THQL22040 ⁴	THHQL2140	THHQL22040 ⁴	-
45	THQP245	THQL2145	THQL22045 ⁴	THHQL2145	THHQL22045 ⁴	-
50	THQP250	THQL2150	THQL22050 ⁴	THHQL2150	THHQL22050 ⁴	-
60	-	THQL2160	THQL22060 ⁴	THHQL2160	THHQL22060 ⁴	-
70	-	THQL2170	THQL22070 ⁴	THHQL2170	THHQL22070 ⁴	-
80	-	THQL2180	THQL22080 ⁴	THHQL2180	THHQL22080 ⁴	-
90	-	THQL2190	THQL22090 ⁴	THHQL2190	THHQL22090 ⁴	-
100	-	THQL21100	THQL22100 ⁴	THHQL21100	THHQL22100 ⁴	-
110	-	THQL21110	-	THHQL21110	-	-
125	-	THQL21125	-	THHQL21125	-	-
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

Three-Pole³: Incorporates Internal Common Trip Bar

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

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

²UL Listed as SWD (switching duty). Suitable for 120 volts ac fluorescent lighting loads.

³15-100 amp UL Listed as HACR (heating air conditioning and refrigeration).

⁴Required for three-phase and High Leg Delta Systems only.

References:

Accessories Pages	1-24 thru 1-30
Auxiliary Switches and Shunt Trips	BuyLog pages 6-40 thru 6-42



Load Centers and Circuit Breakers

Special Purpose Circuit Breakers

60°C / 75°F Conductor Rating

Box Type Terminals

Quick-Make, Quick-Break

Multi-pole Breakers Incorporate Internal Common Trip

Arc Fault²

UL Listed
Arc-Fault Circuit Interrupters No. 1699

Ampere Rating	1 Pole, 120/240 Volts ac ¹	
	Product Number	
10,000 AIC	15	THQL1115AF2
	20	THQL1120AF2
22,000 AIC	15	THHQL1115AF2
	20	THHQL1120AF2
Std. Pkg.	10 Cartons of 1	

As of Jan. 1, 2008, 2005 NEC™ requires combination AFCI.

¹Combination AFCI compliant with 2008 NEC™ and later

²For 2-Pole shared neutral applications use two 1-pole circuit breakers with a handle tie. See DET-719 for more details on our Arc Fault products.



Arc Fault

Dual Function GFCI/AFCI Ground Fault & Combination Arc Fault Circuit Breaker

UL Listed (Available December 2014)

Ampere Rating	1 Pole, 120 Volts ac	
	Product Number	
10,000 AIC	15	THQL1115DF
	20	THQL1120DF
22,000 AIC	15	THHQL1115DF
	20	THHQL1120DF
Std. Pkg.	10 Cartons of 1	



THQL1115DF

Ground Fault with Self-Test Feature

cULus
Ground Fault Circuit Interrupters UL943 ed5 (5 milliamperes)

Ampere Rating	1-Pole, 120 Volts ac		2-Pole, 120/240 Volts ac	
	Product Number		Product Number	
10,000 AIC	15	THQL1115GFT	THQL2115GFT	
	20	THQL1120GFT	THQL2120GFT	
	25	THQL1125GFT	THQL2125GFT	
	30	THQL1130GFT	THQL2130GFT	
	40	-	THQL2140GFT ³	
	50	-	THQL2150GFT ³	
22,000 AIC	15	THHQL1115GFT	THHQL2115GFT	
	20	THHQL1120GFT	THHQL2120GFT	
	25	THHQL1125GFT	THHQL2125GFT	
	30	THHQL1130GFT	THHQL2130GFT	

³ UL & CSA



THQL2120GFT

PowerMark Gold* Main Circuit Breakers Kits for use in 150A, 200A & 225A Convertible Load Centers

UL Listed

—Example - TLMXX20CCU - 200A Convertible Load Center

—Includes mounting base

—Not for use in 125A and below Convertible Load Centers (TLMXX12CCU)

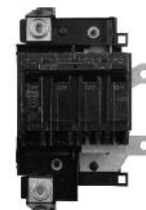
—Main Breaker Conversions for 125A load centers - see footnotes for individual catalog numbers

Description	Ampere Rating	Product Number	Lug Size
Main Circuit Breaker Kits 22,000 AIC	100	THQMV100D	1-300 (cu), 2/0-300
	125	THQMV125D	
	150	THQMV150D	
	175	THQMV175D	
	200	THQMV200D	
	225	THQMV225D	

Note: Wire bending rules affect allowed wire sizes when THQMV breakers are installed in an enclosure. For load centers, the wire range will be on the rating label. In addition, refer to the specifications for the main breaker versions of the load center you are considering to review allowed wire ranges when a TLMXX20 load center is converted to main breaker.



THQMV100D with filler plates



THQMV200D

