

PowerMark Gold load centers

Main lug, factory installed, outdoor (NEMA 3R) enclosure, top feed¹

Main ampere rating	1 pole, 1" spaces	2 pole, 1" spaces	1 pole, 1/2" spaces	2 pole, 1/2" spaces	Total 1-pole spaces	Front type	Box number	Main wire size (AWG/kcmil) Cu-Al	Equipment ground kit	Ordering code
40	2	1	4	1	4	-	R1A	14-4	TGK4 (order separately)	TL240RCU
70	2	1	4	1	4	-	R1A	6-3	TGK4 (order separately)	TL270RCU
100	5	0	0	0	5	Flush	R41	6-3	TGL1 installed	TL510RT ^{3,9}
125	4	2	8	3	8	-	R1A	1-2/0	TGL1 (order separately)	TL412R ^{2,3}
	4	2	8	3	8	-	R1A	1-2/0	TGL1 installed	TL412RT ^{1,3}
	4	2	8	3	8	-	R41	1-2/0	TGL1 (order separately)	TL412R2 ³
	4	2	8	3	8	Thermoplastic	R1	1-2/0	TGL1 (order separately)	TPL412R ^{3,4}
	4	2	8	3	8	Thermoplastic	R1	1-2/0	TGL1 installed	TPL412RT ^{3,4}
	6	2	12	4	12	-	R2A	6-1	TGL2 (order separately)	TLM612RCU ⁵
	8	4	16	8	16	-	R2A	6-1	TGL2 (order separately)	TLM812RCU ⁵
	8	4	16	8	16	-	R3A	6-1	TGL2 (order separately)	TLM812RCU ^{2,6}
	14	6	20	8	24	-	R3A	6-2/0	Included	TLM1212RCU ^{8,10}
	24	12	0	0	24	-	R4A	6-2/0	TGK24 or TGK32 (order separately)	TLM2412RCU ⁶
150	24	12	12	4	30	-	R6A	1-3/0 (Cu), 2/0-3/0 (Al)	TGK24 or TGK32 (order separately)	TLM2415RCU ⁷
200	12	6	24	10	24	-	R5A	6-250	TGK24 (order separately)	TLM1220RCU ⁷
	16	8	32	14	32	-	R5A	6-250	TGK32 (order separately)	TLM1620RCU ⁷
	20	10	40	18	40	-	R6A	6-250	TGK24 or TGK42 (order separately)	TLM2020RCU ⁷
	24	12	36	18	42	-	R39	1-250 (Cu), 2/0-250 (Al)	TGK24 (order separately)	TLM2420R4 ³
	32	16	16	6	40	-	R7A	1-250 (Cu), 2/0-250 (Al)	TGK32 (order separately)	TLM3220RCU ⁷
	40	20	0	0	40	-	R8A	6-250	TGK42 (order separately)	TLM4020RCU ⁷
225	42	20	0	0	42	-	R8A	1-300 (Cu), 2/0-300 (Al)	TGK42 (order separately)	TLM4222RCU ⁷

¹TLM indicates units are convertible to main breaker.

²40-225 amp single-phase devices have removable closing caps. Larger ampere devices require field-cut openings. Order hubs separately. See page 1-56.

³10 kAIC.

⁴125 amp maximum branch capacity.

⁵For main breaker, order THQLRK2 retainer kit plus 2-pole circuit breaker. See page 1-57, 100 amp maximum due to wire bending requirements.

⁶For main breaker, order TQMHO00. See page 1-48. Also order 2-pole THQL or THHQL circuit breaker. See page 1-43.

⁷For main breaker, order THQMVXXXE circuit breaker from page 1-48.

⁸For main breaker applications, use reverse feed THQL or THHQL circuit breaker (see page 1-43) and THQLRK3 breaker retainer (see page 1-57).

⁹Main and branch breakers are limited to 70 amps.

¹⁰Load center includes a factory installed ground bar and add-a-lug.

A separate TGL2 can be added in the unlikely event that another ground bar is required.

Note: See page 11-6, RL Series Lighting Panelboards as replacements for 300-600A load centers.

NOTE: Circuit breakers must be ordered separately. [Click here.](#)

Load center circuit breakers

Q-Line plug-in residential circuit breakers

Features

- 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	15-30	14-8	12-8
	35-50	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

¹ Solid or stranded for 14-10 AWG

Q-line plug-in circuit breakers, UL489

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 Ordering code	120/240 Vac Ordering code	240 Vac Ordering code	120/240 Vac Ordering code	120/240 Vac Ordering code	
Single pole¹						
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-pole²: 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 5	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

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

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

³ 15-100 amp UL Listed as HACR (heating air conditioning and refrigeration).

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

Circuit breaker accessories



THQMV100E with filler plates



THQMV200E



TQM000



THL103



THT1



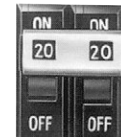
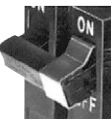
THT104



THT2



TQHT1



PowerMark Gold main circuit breaker kit for use in 150A, 200A, & 225A convertible load centers

- 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	Ordering code	Lug size
Main circuit breaker kits 22,000 AIC	100	THQMV100E	1-300 (cu), 2/0-300
	125	THQMV125E	
	150	THQMV150E	
	175	THQMV175E	
	200	THQMV200E	
	225	THQMV225E	

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.

PowerMark main circuit breaker kit

For use with 125A PowerMark PRO and Gold load Centers; 22kAIC RMS symmetrical.

Description	Ordering code
Main Circuit Breaker Kit - Order appropriate THQL 10kAIC or THHQL 22kAIC breakers separately. Includes service barriers for use with THQL or THHQL main.	TQM000 ¹

¹ Please review the footnotes listed with the individual Load Center ordering codes for proper parts needed to convert to a main circuit breaker. This main breaker base is only applicable for 16 circuit and larger 125 amp load centers, 12 circuit load centers with A C24 suffix, and the TLM812RCU2.

Handle locks - Non padlocking

Description	Breaker type	Ordering code
THQP non padlocking handle lock	THQP	TQPL
THQL non padlocking handle lock	THQL	THL103

Snap on handle lock

Handle ties

Description	Breaker type	Ordering code
Handle ties for THQP breakers - solid snap-on trip indicating	THQP	THT1 ¹
Handle ties for THQP breakers - For 2 THQPs separated by 2 side-by-side THQPs	THQP	THT2 ¹
Snap-on handle tie - trip indicating	TQB	TQHT1 ¹
	TQC	
	TQL	
Snap-on handle tie - solid	TQB	THT104 ¹
	TQC	
	TQL	
Multiwire branch breaker handle tie kits	TQB	TQ3HTK ²
	TQC	TQ4HTK ³
	TQL	

All multi-pole breakers have internal common trip
Handle ties provide manual on-off capability only between one-pole devices

¹ For two single-pole breakers

² For three single-pole breakers - kit includes (10) pcs.

³ For four single-pole breakers - kit includes (10) pcs.