

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.



Load Centers and Circuit Breakers

PowerMark Gold and Plus Load Centers

Single-Phase, Three-Wire, 120/240 Vac

Main Lugs Convertible to Main Breaker

Section 1

Load Center
1PH
Main Lug
Outdoor NEMA 3R

Main Lugs Factory Installed (TLM units convertible to main breaker), Outdoor (NEMA 3R) Enclosure¹

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	Feed ¹ Type	Box Number	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit	Product Number
40	2	1	4	1	4		Top	R1A	14-4	TGK4 (order separately)	TL240RCU
70	2	1	4	1	4		Top	R1A	6-3	TGK4 (order separately)	TL270RCU
100	5	0	0	0	5	Flush	Top	R41	6-3	TGL1 installed	TL510RT ^{2,8}
125	4	2	8	3	8		Top	R1A	1-2/0	TGL1 (order separately)	TL412R1 ²
125	4	2	8	3	8		Top	R1A	1-2/0	TGL1 installed	TL412RT1 ²
125	4	2	8	3	8		Top	R41	1-2/0	TGL1 (order separately)	TL412R2 ²
125	4	2	8	3	8	Thermoplastic Front	Top	R1	1-2/0	TGL1 (order separately)	TPL412R ^{2,3}
125	4	2	8	3	8	Thermoplastic Front	Top	R1	1-2/0	TGL1 installed	TPL412RT ^{2,3}
125	4	3	12	4	12		Top	R2A	6-1	TGK12 (order separately)	TLM612RCU ⁴
125	8	4	16	8	16		Top	R2A	6-1	TGK12 (order separately)	TLM812RCU ⁴
125	8	4	16	8	16		Top	R3A	6-1	TGK12 (order separately)	TLM812RCU ^{2,5}
125	14	6	20	8	24		Top	R3A	6-2/0	Included	TLM1212RCU ^{7,9}
125	24	12	0	0	24		Top	R4A	6-2/0	TGK24 (order separately)	TLM2412RCU ⁵
							Bottom			TGK32 (order separately)	
150	24	12	12	4	30		Top	R6A	1-3/0 (Cu), 2/0-3/0 (Al)	TGK24 (order separately)	TLM2415RCU ⁶
							Bottom			TGK32 (order separately)	
200	12	6	24	10	24		Top	R5A	6-250	TGK24 (order separately)	TLM1220RCU ⁶
200	16	8	32	14	32		Top	R5A	6-250	TGK32 (order separately)	TLM1620RCU ⁶
200	20	10	40	18	40		Top	R6A	6-250	TGK24 (order separately)	TLM2020RCU ⁶
							Bottom			TGK42 (order separately)	
200	24	12	36	18	42		Top	R39	1-250 (Cu), 2/0-250 (Al)	TGK24 (order separately)	TLM2420R42
							Bottom				
200	32	16	16	6	40		Top	R7A	1-250 (Cu), 2/0-250 (Al)	TGK32 (order separately)	TLM3220RCU ⁶
							Bottom				
200	40	20	0	0	40		Top	R8A	6-250	TGK42 (order separately)	TLM4020RCU ⁶
							Bottom				
225	42	20	0	0	42		Top	R8A	1-300 (Cu), 2/0-300 (Al)	TGK42 (order separately)	TLM4222RCU ⁶
							Bottom				

¹40-225 amp single-phase devices have removable closing caps. Larger ampere devices require field-cut openings. Order hubs separately. See page 1-27.

²10 KAIC.

³125 amp maximum branch capacity.

⁴For main breaker, order THQLRK2 retainer kit plus 2-pole circuit breaker. See page 1-28, 100 amp maximum due to wire bending requirements.

⁵For main breaker, order TQMH000. See page 1-24. Also order 2-pole THQL or THHQL circuit breaker. See page 1-5.

⁶For main breaker, order THQMVXXXD circuit breaker from page 1-6.

⁷For main breaker applications, use reverse feed THQL or THHQL circuit breaker (see page 1-5) and THQLRK3 breaker retainer (see page 1-28).

⁸Main and branch breakers are limited to 70 amps.

⁹Load center includes a factory installed ground bar and add-a-lug. See wiring diagram on page 1-31. A separate TGL2 can be added in the unlikely event that another ground bar is required.

Note: See page 11-4, AL Series Lighting Panelboards as replacements for 300-600A load centers.

