

# 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)

<b>T</b>	<b>M</b>	<b>42</b>	<b>4</b>	<b>20</b>	<b>C</b>	<b>CU</b>	<b>B</b>
<b>GE Identification</b>							
<b>Type</b>							
M = Main breaker							
L = Main lug							
LM = Convertible							
PL = Main lug (Thermoplastic)							
<b>Maximum Number 1" Spaces</b>							
2, 4, 6...42							
<b>Insert for 3-Phase 4-Wire Load Centers</b>							
						<b>Insert for Specials</b> 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	
						<b>Insert for PowerMark Gold</b> CU = Copper Bus 42 = Copper Bus Full 42 circuit panel	
						<b>Enclosure Type</b> C = Combination surface/flush F = Flush S = Surface R = Outdoor	
						<b>Bus Ampere Rating</b> 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)

<b>T</b>	<b>H</b>	<b>QL</b>	<b>1</b>	<b>1*</b>	<b>15</b>	<b>GF</b>	
<b>GE Identification</b>							
<b>Interrupting Rating</b>							
H = 10kAIC							
HH = 22kAIC							
X = 65kAIC							
<b>Type</b>							
QL = 1" plug-in							
QP = 1/2" plug-in							
QB = 1" bolt-on							
<b>Poles (1, 2, 3)</b>							
						<b>Ground Fault/Arc Fault Circuit Interrupter</b> GF = 1-pole Ground Fault Circuit Interrupter-5 mA GF1 = 2-pole Ground Fault Circuit Interrupter-5 mA AF = 1- & 2-pole Arc Fault Circuit Interrupter AF2 = 1- & 2-pole Combination Arc Fault Circuit Interrupter GFEP = 1- & 2-pole Ground Fault Circuit Interrupter-30 mA GF3 = 1- & 2-pole self-test Ground Fault Circuit Interrupter - 5 mA	
						<b>Ampere Rating</b> 1 = 120/240V 2 = 240V	

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



# Load Centers and Circuit Breakers

## PowerMark Plus™ Load Centers

### Three-Phase, Four-Wire, 208Y/120Vac<sup>1</sup>

Main Circuit Breaker or Main Lugs Factory Installed



TM24420CB

## Section 1

Load Center  
3PH  
Main Lugs  
Outdoor NEMA 3R

### Main Lugs Factory Installed Outdoor (NEMA 3R) Enclosure

Main Ampere Rating	1 Pole, 1" Spaces	2 Pole, 1" Spaces	3 Pole, 1" Spaces	Total 1-pole Spaces	Feed Type	Box Number	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit	Product Number
125	12	6	4	12	Top	R3	6-2/0	TGK12 (order separately) TGK24 (order separately)	TL12412R <sup>2,4</sup>
150	18	8	6	18	Top	R4	1-3/0 (Cu), 2/0-3/0 (Al)	TGK24 (order separately) TGK32 (order separately)	TL18415R <sup>2,4</sup>
150	24	12	8	24	Top	R4	1-3/0 (Cu), 2/0-3/0 (Al)	TGK24 (order separately) TGK32 (order separately)	TL24415R <sup>2,4</sup>
200	18	8	6	18	Top	R4	1-250 (Cu), 2/0-250 (Al)	TGK32 (order separately)	TL18420R <sup>2,4</sup>
200	30	14	10	30	Top	R6	1-250 (Cu), 2/0-250 (Al)	TGK32 (order separately)	TL30420R <sup>2,4</sup>
200	42	20	14	42	Top	R8	1-250 (Cu), 2/0-250 (Al)	TGK42 (order separately)	TL42420R <sup>2,3</sup>
225	42	20	14	42	Top	R8	1-300 (Cu), 2/0-300 (Al)	TGK42 (order separately)	TL42422R <sup>2,3</sup>

<sup>1</sup>Also UL Listed for three-phase, four-wire 240/120 Volts ac delta and three-phase, three-wire 240 Volts ac branch breakers installed.

<sup>2</sup>100-200 Amp three-phase devices have removable closing cap. Larger Ampere devices require field cut openings. Order hubs separately. See page 1-27.

<sup>3</sup>Not suitable for use as service entrance equipment.

<sup>4</sup>Alternate main breaker: 100 Amp max. THQL three-pole, use retainer THQLRK. See page 1-28.

### Load Center 3PH Main Breaker Indoor NEMA 1

### Main Breaker Factory Installed Indoor (NEMA 1) Enclosure

Main Ampere Rating	1 Pole, 1" Spaces	2 Pole, 1" Spaces	3 Pole, 1" Spaces	Total 1-pole Spaces	Front Type	Feed <sup>2</sup> Type	Box Number	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit	Product Number
100	12	6	4	12	Combination Flush/Surface Front	Top Bottom	6	6-1/0 (Cu), 4-1/0 (Al)	TGK12 (order separately) TGK24 (order separately)	TM12410C <sup>6</sup>
100	18	8	6	18	Combination Flush/Surface Front	Top Bottom	6	6-1/0 (Cu), 4-1/0 (Al)	TGK24 (order separately) TGK32 (order separately)	TM18410C <sup>6</sup>
125	30	14	10	30	Combination Flush/Surface Front	Top	11	1-3/0 (Cu), 2/0-3/0 (Al)	TGK32 (order separately)	TM30412C
125	30	14	10	30	Combination Flush/Surface Front	Bottom	11	1-3/0 (Cu), 2/0-3/0 (Al)	TGK32 (order separately)	TM30412CB
150	24	12	8	24	Combination Flush/Surface Front	Top	11	1-3/0 (Cu), 2/0-3/0 (Al)	TGL1, TGL2, TGL20,TNG3, TGN6 (order separately)	TM24415C
150	24	12	8	24	Combination Flush/Surface Front	Bottom	11	1-3/0 (Cu), 2/0-3/0 (Al)	TGK32 (order separately)	TM24415CB
150	30	14	10	30	Combination Flush/Surface Front	Top	11	1-3/0 (Cu), 2/0-3/0 (Al)	TGK32 (order separately)	TM30415C
150	30	14	10	30	Combination Flush/Surface Front	Bottom	11	1-3/0 (Cu), 2/0-3/0 (Al)	TGK32 (order separately)	TM30415CB
150	42	20	14	42	Combination Flush/Surface Front	Top	13	1-3/0 (Cu), 2/0-3/0 (Al)	TGK42 (order separately)	TM42415C
150	42	20	14	42	Combination Flush/Surface Front	Bottom	13	1-3/0 (Cu), 2/0-3/0 (Al)	TGK42 (order separately)	TM42415CB
200	24	12	8	24	Combination Flush/Surface Front	Top	11	1-300 (Cu), 2/0-300 (Al)	TGK32 (order separately)	TM24420C
200	24	12	8	24	Combination Flush/Surface Front	Bottom	11	1-300 (Cu), 2/0-300 (Al)	TGK32 (order separately)	TM24420CB

<sup>5</sup>Also UL Listed for three-phase, four-wire 240/120 Volts ac delta and three-phase, three-wire 240 Volts ac branch breakers installed.

<sup>6</sup>100 Amp indoor devices UL listed for bottom-feed by installing complete unit upside-down.

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

This table continued on next page

