

# 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) Enclosure<sup>1</sup>

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 <sup>1</sup> 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 <sup>2,8</sup>
125	4	2	8	3	8		Top	R1A	1-2/0	TGL1 (order separately)	TL412R1 <sup>2</sup>
125	4	2	8	3	8		Top	R1A	1-2/0	TGL1 installed	TL412RT1 <sup>2</sup>
125	4	2	8	3	8		Top	R41	1-2/0	TGL1 (order separately)	TL412R2 <sup>2</sup>
125	4	2	8	3	8	Thermoplastic Front	Top	R1	1-2/0	TGL1 (order separately)	TPL412R <sup>2,3</sup>
125	4	2	8	3	8	Thermoplastic Front	Top	R1	1-2/0	TGL1 installed	TPL412RT <sup>2,3</sup>
125	4	3	12	4	12		Top	R2A	6-1	TGK12 (order separately)	TLM612RCU <sup>4</sup>
125	8	4	16	8	16		Top	R2A	6-1	TGK12 (order separately)	TLM812RCU <sup>4</sup>
125	8	4	16	8	16		Top	R3A	6-1	TGK12 (order separately)	TLM812RCU <sup>2,5</sup>
125	14	6	20	8	24		Top	R3A	6-2/0	TGK12 (order separately) TGK24 (order separately)	TLM1212RCU <sup>7,9</sup>
125	24	12	0	0	24		Top Bottom	R4A	6-2/0	TGK24 (order separately) TGK32 (order separately)	TLM2412RCU <sup>5</sup>
150	24	12	12	4	30		Top Bottom	R6A	1-3/0 (Cu), 2/0-3/0 (Al)	TGK24 (order separately) TGK32 (order separately)	TLM2415RCU <sup>6</sup>
200	12	6	24	10	24		Top	R5A	6-250	TGK24 (order separately)	TLM1220RCU <sup>6</sup>
200	16	8	32	14	32		Top	R5A	6-250	TGK32 (order separately)	TLM1620RCU <sup>6</sup>
200	20	10	40	18	40		Top	R6A	6-250	TGK24 (order separately) TGK42 (order separately)	TLM2020RCU <sup>6</sup>
200	24	12	36	18	42		Top Bottom	R39	1-250 (Cu), 2/0-250 (Al)	TGK24 (order separately)	TLM2420R42
200	32	16	16	6	40		Top Bottom	R7A	1-250 (Cu), 2/0-250 (Al)	TGK32 (order separately)	TLM3220RCU <sup>6</sup>
200	40	20	0	0	40		Top Bottom	R8A	6-250	TGK42 (order separately)	TLM4020RCU <sup>6</sup>
225	42	20	0	0	42		Top Bottom	R8A	1-300 (Cu), 2/0-300 (Al)	TGK42 (order separately)	TLM4222RCU <sup>6</sup>

<sup>1</sup>40-225 amp single-phase devices have removable closing caps. Larger ampere devices require field-cut openings. Order hubs separately. See page 1-27.

<sup>2</sup>10 kAIC.

<sup>3</sup>125 amp maximum branch capacity.

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

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

<sup>6</sup>For main breaker, order THQMVXXD circuit breaker from page 1-6.

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

<sup>8</sup>Main and branch breakers are limited to 70 amps.

<sup>9</sup>Load center includes a factory installed ground bar and add-a-lug. See wiring diagram on page 1-30. 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.

