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Load centers, associated circuit breakers and accessories

Section 1

Load centers, associated circuit breakers and accessories

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Load center circuit breakers

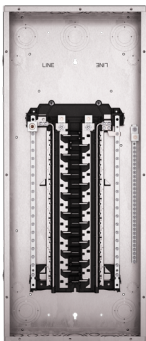
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PowerMark PRO load centers

Product overview



With advanced plug-on neutral electronic circuit breakers that attach to the neutral bus using ABB's unique ReliaLock™ connection feature and round plug-on neutral bars, PowerMark PRO's features enable you to perform faster and more efficient circuit breaker installations.

- UL listed (Panelboards No. 67)
- Single-phase, three-wire, 120/240 V AC
- 60°C/75°C conductor rating
- Suitable for use as Service Entrance Equipment when installed in accordance with National Electrical Code
- 22kAIC RMS symmetrical, except where noted

Features

Ordering code construction

	P	M	12	10	C	
PowerMark PRO						Insert for specials FL = Feed through lug
Type						Enclosure type/color
M = Main breaker						C = Gray indoor
LM = Main lug/convertible						W = White indoor
						R = Outdoor
Maximum number 1" spaces						Bus ampere rating
8, 12, 24, 32, 40, 42, 60						10 = 100 Amps
						12 = 125 Amps
						15 = 150 Amps
						20 = 200 Amps
						22 = 225 Amps

PowerMark PRO load centers

Main lugs factory installed

Main lug, factory installed, indoor (NEMA 1) enclosure, top/bottom feed¹

Main ampere rating	1 pole, 1" spaces	2 pole, 1" spaces	Total 1-pole spaces	Max Single Pole Circuits	Front type	Main wire size (AWG/kcmil) Cu-Al	Equipment ground kit	Ordering Code
125	12	6	12	24	Combination	6-2/0	TGK12 and TNLK20 installed	PLM1212C
	24	12	24	48	Combination	6-2/0	TGK 24 and TNLK20 installed	PLM2412C
	32	16	32	64	Combination	6-2/0	TGK32 and TNLK20 installed	PLM3212C
200	32	16	32	64	Combination	6-250	TGK32 and TNLK20 installed	PLM3220C
	40	20	40	80	Combination	6-250	TGK42 and TNLK20 installed	PLM4020C
225	42	20	42	84	Combination	1-300	TGK42 and TNLK20 installed	PLM4222C

¹PLM indicates units are convertible to main breaker

Main lug, factory installed, indoor (NEMA 1) enclosure, top/bottom feed, white trim¹

Main ampere rating	1 pole, 1" spaces	2 pole, 1" spaces	Total 1-pole spaces	Max Single Pole Circuits	Front type	Main wire size (AWG/kcmil) Cu-Al	Equipment ground kit	Ordering Code
125	12	6	12	24	Combination	6-2/0	TGK12 and TNLK20 installed	PLM1212W
	24	12	24	48	Combination	6-2/0	TGK 24 and TNLK20 installed	PLM2412W
	32	16	32	64	Combination	6-2/0	TGK32 and TNLK20 installed	PLM3212W
200	32	16	32	64	Combination	6-250	TGK32 and TNLK20 installed	PLM3220W
	40	20	40	80	Combination	6-250	TGK42 and TNLK20 installed	PLM4020W
225	42	20	42	84	Combination	1-300	TGK42 and TNLK20 installed	PLM4222W

¹PLM indicates units are convertible to main breaker

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

Main ampere rating	1 pole, 1" spaces	2 pole, 1" spaces	Total 1-pole spaces	Max Single Pole Circuits	Front type	Main wire size (AWG/kcmil) Cu-Al	Equipment ground kit	Ordering Code
125	24	12	24	48	–	6-2/0	TGK24 and TNLK20 installed	PLM2412R
200	32	16	32	64	–	6-250	TGK32 and TNLK20 installed	PLM3220R
	40	20	40	80	–	6-250	TGK42 and TNLK20 installed	PLM4020R

¹PLM indicates units are convertible to main breaker

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

PowerMark PRO load centers

Main breaker factory installed

Main breaker, factory installed, indoor (NEMA 1) enclosure, top/bottom feed

Main ampere rating	1 pole, 1" spaces	2 pole, 1" spaces	Total 1-pole spaces	Max Single Pole Circuits	Front type	Main wire size (AWG/kcmil) Cu-Al	Equipment ground kit	Ordering Code
100	12	6	12	24	Combination	4-1/0	TGK12 or TGK24 (order separately) TLK20 kit included	PM1210C
	24	12	24	48	Combination	4-1/0	TGK12 or TGK24 or TGK32 (order separately) TLK20 Kit Included	PM2410C
	32	16	32	64	Combination	4-1/0	TGK12 or TGK24 or TGK32 (order separately) TLK20 Kit Included	PM3210C
125	12	6	12	24	Combination	2-2/0	TGK12 or TGK24 or TGK32 (order separately) TLK20 Kit Included	PM1212C
	24	12	24	48	Combination	2-2/0	TGK12 or TGK24 or TGK32 (order separately) TLK20 Kit Included	PM2412C
	32	16	32	64	Combination	2-2/0	TGK12 or TGK24 or TGK32 (order separately) TLK20 Kit Included	PM3212C
150	24	16	32	48	Combination	1-300 Cu, 2/0-300 Al	TGK12 or TGK24 or TGK32 or TGK42 (order separately) TLK20 Kit Included	PM2415C
	32	16	32	64	Combination	1-300 Cu, 2/0-300 Al	TGK12 or TGK24 or TGK32 (order separately) TLK20 Kit Included	PM3215C
	40	20	40	80	Combination	1-300 Cu, 2/0-300 Al	TGK12 or TGK24 or TGK42 (order separately) TLK20 Kit Included	PM4015C
200	24	16	32	48	Combination	1-300 Cu, 2/0-300 Al	TGK12 or TGK24 or TGK32 or TGK42 (order separately) TLK20 Kit Included	PM2420C
	32	16	32	64	Combination	1-300 Cu, 2/0-300 Al	TGK12 or TGK24 or TGK32 (order separately) TLK20 Kit Included	PM3220C
	40	20	40	80	Combination	1-300 Cu, 2/0-300 Al	TGK12 or TGK24 or TGK42 (order separately) TLK20 Kit Included	PM4020C
	60	30	60	120	Combination	1-300 Cu, 2/0-300 Al	TGK12 or TGK24 or TGK42 (order separately) TLK20 Kit Included	PM6020C
225	42	20	42	84	Combination	1-300 Cu, 2/0-300 Al	TGK12 or TGK24 or TGK42 (order separately) TLK20 Kit Included	PM4222C

Main breaker, factory installed, indoor (NEMA 1) enclosure, top/bottom feed, white trim

Main ampere rating	1 pole, 1" spaces	2 pole, 1" spaces	Total 1-pole spaces	Max Single Pole Circuits	Front type	Main wire size (AWG/kcmil) Cu-Al	Equipment ground kit	Ordering Code
100	12	6	12	24	Combination	4-1/0	TGK12 or TGK24 (order separately) TLK20 kit included	PM1210W
	24	12	24	48	Combination	4-1/0	TGK12 or TGK24 or TGK32 (order separately) TLK20 Kit Included	PM2410W
	32	16	32	64	Combination	4-1/0	TGK12 or TGK24 or TGK32 (order separately) TLK20 Kit Included	PM3210W
125	12	6	12	24	Combination	2-2/0	TGK12 or TGK24 or TGK32 (order separately) TLK20 Kit Included	PM1212W
	24	12	24	48	Combination	2-2/0	TGK12 or TGK24 or TGK32 (order separately) TLK20 Kit Included	PM2412W
	32	16	32	64	Combination	2-2/0	TGK12 or TGK24 or TGK32 (order separately) TLK20 Kit Included	PM3212W
150	24	16	32	48	Combination	1-300 Cu, 2/0-300 Al	TGK12 or TGK24 or TGK32 or TGK42 (order separately) TLK20 Kit Included	PM2415W
	32	16	32	64	Combination	1-300 Cu, 2/0-300 Al	TGK12 or TGK24 or TGK32 (order separately) TLK20 Kit Included	PM3215W
	40	20	40	80	Combination	1-300 Cu, 2/0-300 Al	TGK12 or TGK24 or TGK42 (order separately) TLK20 Kit Included	PM4015W
200	24	16	32	48	Combination	1-300 Cu, 2/0-300 Al	TGK12 or TGK24 or TGK32 or TGK42 (order separately) TLK20 Kit Included	PM2420W
	32	16	32	64	Combination	1-300 Cu, 2/0-300 Al	TGK12 or TGK24 or TGK32 (order separately) TLK20 Kit Included	PM3220W
	40	20	40	80	Combination	1-300 Cu, 2/0-300 Al	TGK12 or TGK24 or TGK42 (order separately) TLK20 Kit Included	PM4020W
	60	30	60	120	Combination	1-300 Cu, 2/0-300 Al	TGK12 or TGK24 or TGK42 (order separately) TLK20 Kit Included	PM6020W
225	42	20	42	84	Combination	1-300 Cu, 2/0-300 Al	TGK12 or TGK24 or TGK42 (order separately) TLK20 Kit Included	PM4222W

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

PowerMark PRO load centers

Main breaker factory installed

Main breaker, factory installed, outdoor (NEMA 3R) enclosure, top feed

Main ampere rating	1 pole, 1" spaces	2 pole, 1" spaces	Total 1-pole spaces	Max Single Pole Circuits	Front type	Main wire size (AWG/kcmil) Cu-Al	Equipment ground kit	Ordering Code
100	24	12	24	48	–	4-1/0	TGK12 or TGK24 or TGK42 (order separately) TLK20 Kit Included	PM2410R
125	24	12	24	48	–	2-2/0	TGK12 or TGK24 or TGK42 (order separately) TLK20 Kit Included	PM2412R
200	32	16	32	64	–	1-300 Cu, 2/0-300 Al	TGK12 or TGK24 or TGK32 or TGK42 (order separately) TLK20 Kit Included	PM3220R
	40	20	40	80	–	1-300 Cu, 2/0-300 Al	TGK12 or TGK24 or TGK32 or TGK42 (order separately) TLK20 Kit Included	PM4020R

Main breaker with feed through lugs, factory installed, outdoor (NEMA 3R) enclosure, top feed

Main ampere rating	1 pole, 1" spaces	2 pole, 1" spaces	Total 1-pole spaces	Max Single Pole Circuits	Front type	Main wire size (AWG/kcmil) Cu-Al	Equipment ground kit	Ordering Code
150	8	4	8	16	–	1-300 Cu, 2/0-300 Al	TGK24 or TGK32 (order separately) TLK20 kit included	PM815RFL
200	8	4	8	16	–	1-300 Cu, 2/0-300 Al	TGK24 or TGK32 (order separately) TLK20 kit included	PM820RFL

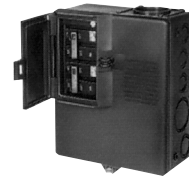
PowerMark Gold and Plus Load Centers

Ordering code construction

T	M	42		20	C	CU	B
ABB Identification							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
							12 = 125 Amps
							15 = 150 Amps

PowerMark Gold single phase, three wire, 120/240 VAC load centers

Main lugs factory installed



Indoor (NEMA 1) Enclosure

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	Max Single Pole Circuits	Front Type	Feed Type ¹	Box Number	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit	Ordering Code
40	2	1	4	1	4	4	Surface	Top Bottom	1A	14-4	TGK4 (order separately)	TL240SCU
70	2	1	4	1	4	4	Surface	Top Bottom	1A	6-3	TGK4 (order separately)	TL270SCU
125	4	2	8	3	8	8	Combination Flush/Surface	Top Bottom	2A	1-2/0	TGL1 (order separately)	TL412C
125	4	2	8	3	8	8	Combination Flush/Surface	Top Bottom	2A	1-2/0	TGL1 installed	TL412CT
125	4	2	8	3	8	8	Thermoplastic	Top Bottom	2	1-2/0	TGL1 (order separately)	TPL412C
125	4	2	8	3	8	8	Thermoplastic	Top Bottom	2	1-2/0	TGL1 installed	TPL412CT
125	6	3	12	4	12	12	Flush	Top Bottom	3A	6-1	TGL2 (order separately)	TLM612FCU
125	6	3	12	4	12	12	Flush	Top Bottom	3A	6-1	TGL2 (order separately)	TLM612FCUD
125	6	3	12	4	12	12	Surface	Top Bottom	3A	6-1	TGL2 (order separately)	TLM612SCU
125	6	3	12	4	12	12	Surface	Top Bottom	3A	6-1	TGL2 (order separately)	TLM612SCUD
125	6	3	12	4	12	12	Surface	Top Bottom	3A	6-1	TGL2 installed	TLM612SCUDG
125	8	4	16	8	16	16	Flush	Top Bottom	3A	6-1	TGL2 (order separately)	TLM812FCU
125	8	4	16	8	16	16	Flush	Top Bottom	3A	6-1	TGL2 (order separately)	TLM812FCUD
125	8	4	16	8	16	16	Flush	Top Bottom	3A	6-1	TGL2 (order separately)	TLM812FCUDG
125	8	4	16	8	16	16	Surface	Top Bottom	3A	6-1	TGL2 (order separately)	TLM812SCU
125	8	4	16	8	16	16	Surface	Top Bottom	3A	6-1	TGL2 (order separately)	TLM812SCUD
125	8	4	16	8	16	16	Surface	Top Bottom	3A	6-1	TGL2 installed	TLM812SCUDG
125	14	6	20	8	24	28	Combination Flush/Surface	Top Bottom	18	6-2/0	Included ¹⁰	TLM1212CCU

Note: TLM units convertible to main breaker

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PowerMark Gold single phase, three wire, 120/240 VAC load centers

Main lugs factory installed

Indoor (NEMA 1) Enclosure (continued)

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	Max Single Pole Circuits	Front Type	Feed Type	Box Number	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit	Ordering Code
125	16	8	16	6	24	32	Combination Flush/Surface	Top Bottom	4	6-2/0	TGK12 or TGK24 (order separately)	TLM1612CCU
125	16	8	16	6	24	32	Combination Flush/Surface	Top Bottom	4	6-2/0	TGK12 and TLK20 installed	TLM1612CCUG
125	24	12	0	0	24	48	Combination Flush/Surface	Top Bottom	7	6-2/0	TGK24 or TGK32 (order separately)	TLM2412CCU
125	24	12	0	0	24	48	White Combo Flush/Surface	Top Bottom	7	6-2/0	TGK24 or TGK32 (order separately)	TLM2412CCUW
125	24	12	0	0	24	48	Combination Flush/Surface	Top Bottom	7	6-2/0	TGK24 and TLK20 installed	TLM2412CCUG
200	16	8	32	14	32	32	Combination Flush/Surface	Top Bottom	7	6-250	TGK32 (order separately)	TLM1620CCU
200	16	8	32	14	32	32	Combination Flush/Surface	Top Bottom	7	6-250	TGK32 installed	TLM1620CCUG
200	20	10	40	18	40	40	Combination Flush/Surface	Top Bottom	8	6-250	TGK32 (order separately)	TLM2020CCU
200	20	10	40	18	40	40	Combination Flush/Surface	Top Bottom	8	6-250	TGK42 installed	TLM2020CCUG
200	24	12	36	18	42	48	Combination Flush/Surface	Top Bottom	9	1-3/0 (Cu), 2/0-3/0 (Al)	TGK24 or TGK32 (order separately)	TLM2420C42
200	32	16	20	8	42	64	Combination Flush/Surface	Top Bottom	11	1-250 (Cu), 2/0-250 (Al)	TGK32 and TLK20 (order separately)	TLM3220C42
200	32	16	16	6	40	64	Combination Flush/Surface	Top Bottom	11	6-250	TGK32 (order separately)	TLM3220CCU
200	32	16	16	6	40	64	White Combo Flush/Surface	Top Bottom	11	6-250	TGK32 (order separately)	TLM3220CCUW
200	32	16	16	6	40	64	Combination Flush/Surface	Top Bottom	11	6-250	TGK32 and TNLK250 installed	TLM3220CCUG
200	32	16	64	30	64	64	Combination Flush/Surface	Top Bottom	19	6-250	(2) TGK32 and (1) TLK250 installed	TLM3220C64G
200	40	20	0	0	40	80	Combination Flush/Surface	Top Bottom	13	6-250	TGK42 (order separately)	TLM4020CCU
200	40	20	0	0	40	80	Combination Flush/Surface	Top Bottom	13	6-250	TGK42 and TNLK250 installed	TLM4020CCUG
200	40	20	80	38	80	80	Combination Flush/Surface	Top Bottom	20	6-250	(2) TGK32 and (1) TLK250 installed	TLM4020C80G
200	42	20	0	0	42	84	Combination Flush/Surface	Top Bottom	14	1-300 (Cu), 2/0-300 (Al)	TGK42 (order separately)	TLM4220CCU
225	42	20	0	0	42	84	Combination Flush/Surface	Top Bottom	14	1-300 (Cu), 2/0-300 (Al)	TGK42 (order separately)	TLM4222CCU
225	42	20	0	0	42	84	Combination Flush/Surface	Top Bottom	14	1-300 (Cu), 2/0-300 (Al)	TGK42 and TNLK250 installed	TLM4222CCUG

Note: TLM units convertible to main breaker

PowerMark Gold single phase, three wire, 120/240 VAC load centers

Main lugs factory installed

Outdoor (NEMA 3R) Enclosure

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	Max Single Pole Circuits	Front Type	Feed ¹ Type ¹	Box Number	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit	Ordering Code
40	2	1	4	1	4	4	-	Top	R1A	14-4	TGK4 (order separately)	TL240RCU
70	2	1	4	1	4	4	-	Top	R1A	6-3	TGK4 (order separately)	TL270RCU
125	4	2	8	3	8	8	-	Top	R1A	1-2/0	TGL1 (order separately)	TL412R1
125	4	2	8	3	8	8	-	Top	R1A	1-2/0	TGL1 installed	TL412RT1
125	4	2	8	3	8	8	-	Top	R41	1-2/0	TGL1 (order separately)	TL412R2
125	4	2	8	3	8	8	Thermoplastic Front	Top	R1	1-2/0	TGL1 (order separately)	TPL412R
125	4	2	8	3	8	8	Thermoplastic Front	Top	R1	1-2/0	TGL1 installed	TPL412RT
125	6	2	12	4	12	12	-	Top	R2A	6-1	TGL2 (order separately)	TLM612RCU
125	8	4	16	8	16	16	-	Top	R2A	6-1	TGL2 (order separately)	TLM812RCU
125	8	4	16	8	16	16	-	Top	R3A	6-1	TGL2 (order separately)	TLM812RCU2
125	24	12	0	0	24	48	-	Top Bottom	R4A	6-2/0	TGK24 or TGK32 (order separately)	TLM2412RCU
150	24	12	12	4	30	48	-	Top Bottom	R6A	1-3/0 (Cu), 2/0-3/0 (Al)	TGK24 or TGK32 (order separately)	TLM2415RCU
200	12	6	24	10	24	24	-	Top	R5A	6-250	TGK24 (order separately)	TLM1220RCU
200	16	8	32	14	32	32	-	Top	R5A	6-250	TGK32 (order separately)	TLM1620RCU
200	20	10	40	18	40	40	-	Top	R6A	6-250	TGK24 or TGK42 (order separately)	TLM2020RCU
200	32	16	16	6	40	64	-	Top Bottom	R7A	1-250 (Cu), 2/0-250 (Al)	TGK32 (order separately)	TLM3220RCU
200	40	20	0	0	40	80	-	Top Bottom	R8A	6-250	TGK42 (order separately)	TLM4020RCU
225	42	20	0	0	42	84	-	Top Bottom	R8A	1-300 (Cu), 2/0-300 (Al)	TGK42 (order separately)	TLM4222RCU

Note: TLM units convertible to main breaker

PowerMark Gold single phase, three wire, 120/240 VAC load centers

Main breaker factory installed



TM2020CCU

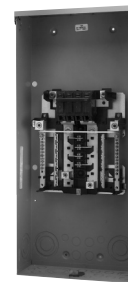
Indoor (NEMA 1) Enclosure

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	Max Single Pole Circuits	Front Type	Feed Type	Box Number	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit	Ordering Code
100	12	5	20	8	22	24	Combination Flush/Surface Front	Top Bottom	18	4-1/0	Included	TM1210CCU
100	24	12	0	0	24	48	Combination Flush/Surface Front	Top Bottom	7	1-2/0	TGK24 or TGK32; and TLK20 (order separately)	TM2410CCU
100	20	10	0	0	20	40	Combination Flush/Surface Front	Top Bottom	6	4-1/0	TGK24 (order separately)	TM2010CCU
100	32	16	0	0	32	64	Combination Flush/Surface Front	Top Bottom	11	4-1/0	TGK32 (order separately)	TM3210CCU
125	12	5	20	8	22	24	Combination Flush/Surface Front	Top Bottom	18	1-2/0	Included	TM1212CCU
125	24	12	0	0	24	48	Combination Flush/Surface Front	Top Bottom	7	1-2/0	TGK24 (order separately)	TM2412CCU
125	16	8	16	6	24	32	Combination Flush/Surface Front	Top Bottom	4	1-2/0	TGK12 or TGK24 (order separately)	TM1612CCU
125	16	8	16	6	24	32	Combination Flush/Surface Front	Top Bottom	4	1-2/0	TGK24 installed	TM1612CCUG
150	16	8	32	14	32	32	Combination Flush/Surface Front	Top Bottom	7	1-3/0 (Cu), 2/0-3/0 (Al)	TGK24 or TGK32 (order separately)	TM1615CCU

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PowerMark Gold single phase, three wire, 120/240 VAC load centers

Main breaker factory installed



TM820RCUFL

Indoor (NEMA 1) Enclosure (continued)

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	Max Single Pole Circuits	Front Type	Feed Type	Box Number	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit	Ordering Code
150	32	16	0	0	32	64	Combination Flush/Surface	Top Bottom	11	1-3/0 (Cu), 2/0-3/0 (Al)	TGK32 (order separately)	TM3215CCU
150	24	12	36	18	42	48	Combination Flush/Surface	Top Bottom	9	1-3/0 (Cu), 2/0-3/0 (Al)	TGK24 or TGK32 (order separately)	TM2415C42
150	32	16	20	10	42	64	Combination Flush/Surface	Top Bottom	11	1-3/0 (Cu), 2/0-3/0 (Al)	TGK32 and TLK20 (order separately)	TM3215C42
200	20	10	40	18	40	40	Combination Flush/Surface	Top Bottom	8	1-250 (Cu) 2/0-250 (Al)	TGK32 (order separately)	TM2020CCU
200	20	10	40	18	40	40	Combination Flush/Surface	Top Bottom	8	1-250 (Cu) 2/0-250 (Al)	TGK32 installed	TM2020CCUG
200	32	16	16	6	40	64	Combination Flush/Surface	Top Bottom	11	1-250 (Cu) 2/0-250 (Al)	TGK32 (order separately)	TM3220CCU
200	40	20	0	0	40	80	Combination Flush/Surface	Top Bottom	13	1-250 (Cu) 2/0-250 (Al)	TGK42 (order separately)	TM4020CCU
200	32	16	20	8	42	64	Combination Flush/Surface	Top Bottom	11	1-250 (Cu) 2/0-250 (Al)	TGK32 and TLK20 (order separately)	TM3220C42
200	42	20	0	0	42	84	Combination Flush/Surface	Top Bottom	14	1-300 (Cu), 2/0-300 (Al)	TGK42 (order separately)	TM4220CCU
200	32	16	64	30	64	64	Combination Flush/Surface	Top Bottom	19	1-250 (Cu) 2/0-250 (Al)	TGK32 (order separately)	TM3220C64
200	40	20	80	38	80	80	Combination Flush/Surface	Top Bottom	20	1-250 (Cu) 2/0-250 (Al)	TGK42 (order separately)	TM4020C80
225	42	20	0	0	42	84	Combination Flush/Surface	Top Bottom	14	1-300 (Cu), 2/0-300 (Al)	TGK42 (order separately)	TM4222CCU

Outdoor (NEMA 3R) Enclosure

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	Max Single Pole Circuits	Feed Type	Box Number	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit	Ordering Code
100	12	5	20	8	22	24	Top	R3A	4-1/0	⁵	TM1210RCU
100	20	10	0	0	30	40	Top	R4	4-1/0	TGK24 (order separately)	TM2010RCU
125	12	5	20	8	22	24	Top	R3A	1-2/0	⁵	TM1212RCU
125	24	12	0	0	24	48	Top	R4	1-2/0	TGK24 (order separately)	TM2412RCU
150	8	4	16	6	16	16	Top	R5	1-250 (Cu), 2/0-250 (Al)	TGK24 (order separately)	TM815RCUFL
150	16	8	32	14	32	32	Top	R5	1-3/0 (Cu), 2/0-3/0 (Al)	TGK24 (order separately) TGK32 (order separately)	TM1615RCU
200	8	4	16	6	16	16	Top	R5	1-250 (Cu), 2/0-250 (Al)	TGK24 or TGK32 (order separately)	TM820RCUFL
200	20	10	40	18	40	40	Top	R6	1-250 (Cu), 2/0-250 (Al)	TGK24 (order separately) TGK42 (order separately)	TM2020RCU
200	32	16	16	6	40	64	Top	R7	1-250 (Cu), 2/0-250 (Al)	TGK32 (order separately)	TM3220RCU
200	40	20	0	0	40	80	Top	R8	1-250 (Cu), 2/0-250 (Al)	TGK42 (order separately)	TM4020RCU
225	8	4	16	6	16	16	Top	R5	1-250 (Cu), 2/0-250 (Al)	TGK24 (order separately)	TM822RCUFL
225	42	20	0	0	42	84	Top	R8	1-300 (Cu), 2/0-300 (Al)	TGK42 (order separately)	TM4222RCU

⁵ Load center includes a factory installed ground bar and add a lug.

Meter socket load centers

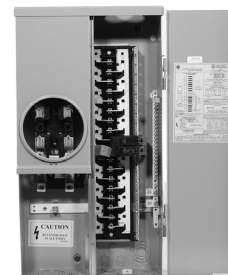
Bonded neutrals



TSM420CSCU

Ring Type Feed-Thru - Main Breaker

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	Max Single Pole Circuits	Enclosure Type	Front Type	Bypass Type	UL Incoming	Agency Certification	Ordering Code
200	4	2	8	3	8	8	Outdoor (NEMA 3R)	Surface	None	OH/UG	UL	TSM420CSCU
200	8	4	16	6	16	16	Outdoor (NEMA 3R)	Surface	None	OH/UG	UL	TSM820CSCU
200	8	4	16	6	16	16	Outdoor (NEMA 3R)	Surface	None	OH/UG	UL	TSM820CSFL



TSM1610CSCU

Ring Type - Side by Side - Main Breaker - OH/UG

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	Max Single Pole Circuits	Enclosure Type	Front Type	Bypass Type	UL Incoming	Agency Certification	Ordering Code
200	20	10	40	18	40	40	Outdoor	Semi-Flush	None	OH/UG	UL/EUSERC	TSM2020CFCU
100	16	8	32	14	32	32	Outdoor	Surface	None	OH/UG	UL/EUSERC	TSM1610CSCU
200	20	10	40	18	40	40	Outdoor	Surface	None	OH/UG	UL/EUSERC	TSM2020CSCU
100	16	8	32	14	32	32	Outdoor	Semi-Flush	None	OH/UG	UL/EUSERC	TSM1610CFCU

Meter main - Factory installed mains

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	Enclosure Type	Front Type	Bypass Type	UL Incoming	Agency Certification	Ordering Code
200	0	0	0	0	0	Outdoor (NEMA 3R)	Surface ²	None	OH/UG	UL	TM20RMC

Meter socket load centers

Bonded neutrals



TSMB1212CSCU

Xcel Energy - Ringless with bypass

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	Max Single Pole Circuits	Enclosure Type	Main Type	Front Type	Bypass Type	UL Incoming	Agency Certification	Ordering Code
200	4	2	8	3	8	8	Outdoor (NEMA 3R)	MB	Surface	Horn Bypass	OH/UG	Xcel/UL	TSMR420CSCU
200	20	10	40	18	40	40	Outdoor (NEMA 3R)	MB	Surface	Lever Bypass	OH/UG	Xcel/UL	TSMB2020CSCU



TSMR415CSCUGP



TSMR420CSFLFMG

Georgia Power - Ringless, main breaker

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	Max Single Pole Circuits	Enclosure Type	Front Type	Bypass Type	UL Incoming	Agency Certification	Ordering Code
150	–	–	–	–	–	–	Outdoor (NEMA 3R)	Surface	None	OH/UG	UL/GP	TSMR015CSGP
200	–	–	–	–	–	–	Outdoor (NEMA 3R)	Surface	None	OH/UG	UL/GP	TSMR020CSGP
150	4	2	8	3	8	8	Outdoor (NEMA 3R)	Surface	None	OH/UG	UL/GP	TSMR415CSCUGP
200	4	2	8	3	8	8	Outdoor (NEMA 3R)	Surface	None	OH/UG	UL/GP	TSMR420CSCUGP

Florida Meter Group - MSLC ringless, main breaker

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	Max Single Pole Circuits	Enclosure Type	Front Type	Bypass Type	UL Incoming	Agency Certification	Ordering Code
150	4	2	8	3	8	8	Outdoor (NEMA 3R)	Surface	None	OH/UG	UL/FMG	TSMR415CSFLFMG
200	4	2	8	3	8	8	Outdoor (NEMA 3R)	Surface	None	OH/UG	UL/FMG	TSMR420CSFLFMG
150	8	4	16	6	16	16	Outdoor (NEMA 3R)	Surface	None	OH/UG	UL/FMG	TSMR815CSFLFMG
200	8	4	16	6	16	16	Outdoor (NEMA 3R)	Surface	None	OH/UG	UL/FMG	TSMR820CSFLFMG
200	20	4	40	18	40	40	Outdoor (NEMA 3R)	Surface	None	OH/UG	UL/FMG	TSMR2020CSCUFMG

Meter socket load centers

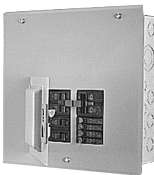
Bonded neutrals

Class 320 (all product numbers are outdoor NEMA 3R enclosure type)

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	Max Single Pole Circuits	Front Type	Bypass Type	UL Incoming	Agency Certification	Secondary Main Factory Installed	Main type	Type of Secondary Main	Ordering Code
300	8	4	16	8	16	16	Semiflush	No	OH/UG	Georgia Power	Yes	Formula A2	Formula A2	TSDR830CFCUGP
400	8	4	16	6	16	16	Surface	Lever Bypass	UG	UL FMG	No	Formula A2	Formula A2	TSDR840UFCU
400	8	4	16	8	16	16	Semiflush	No	OH/UG	Georgia Power	Yes	Formula A2	Formula A2	TSDR840CFCUGP

PowerMark Gold generator panels

Two interlocked main breakers factory installed



TM830FCUGEN

Indoor (NEMA 1) Enclosure

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	Max Single Pole Circuits	Front Type	Feed Type	Box Number	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit	Ordering Code
60	4	2	8	4	8	8	Flush Front	Top Bottom	3A	6-1	TGK12 included	TM860FCUGEN
60	4	2	8	4	8	8	Surface Front	Top Bottom	3A	6-1	TGK12 included	TM860SCUGEN

Outdoor (NEMA 3R) Enclosure

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	Max Single Pole Circuits	Feed Type	Box Number	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit	Ordering Code
60	4	2	8	4	8	8	Top	R2A	6-1	TGK12 included	TM860RCUGEN

PowerMark Plus™, four-wire, 208Y/120 VAC load centers

Main lugs factory installed



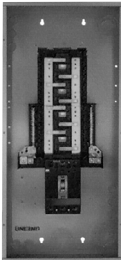
TL18415C

Indoor (NEMA 1) Enclosure

Main Ampere Rating	1 Pole, 1" Spaces	2 Pole, 1" Spaces	3 Pole, 1" Spaces	Total 1-pole Spaces	Max Single Pole Circuits	Front Type	Feed Type	Box Number	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit	Ordering Code
125	12	6	4	12	24	Combination Flush/Surface Front	Top Bottom	4	6-2/0	TGK12 (order separately) TGK24 (order separately)	TL12412C
150	18	8	6	18	36	Combination Flush/Surface Front	Top Bottom	7	1-3/0 (Cu), 2/0-3/0 (Al)	TGK24 (order separately) TGK32 (order separately)	TL18415C
150	24	12	8	24	48	Combination Flush/Surface Front	Top Bottom	7	1-3/0 (Cu), 2/0-3/0 (Al)	TGK24 (order separately) TGK32 (order separately)	TL24415C
200	18	8	6	18	36	Combination Flush/Surface Front	Top Bottom	8	1-250 (Cu), 2/0-250 (Al)	TGK32 (order separately)	TL18420C
200	30	14	10	30	60	Combination Flush/Surface Front	Top Bottom	11	1-250 (Cu), 2/0-250 (Al)	TGK32 (order separately)	TL30420C
200	42	20	14	42	84	Combination Flush/Surface Front	Top Bottom	13	1-250 (Cu), 2/0-250 (Al)	TGK42 (order separately)	TL42420C
225	30	14	10	30	60	Combination Flush/Surface Front	Top Bottom	15	1-300 (Cu), 2/0-300 (Al)	(2) TGL2 (order separately)	TL30422C
225	42	20	14	42	84	Combination Flush/Surface Front	Top Bottom	15	1-300 (Cu), 2/0-300 (Al)	(2) TGL2 (order separately)	TL42422C

PowerMark Plus™, four-wire, 208Y/120 VAC load centers

Main lugs factory installed



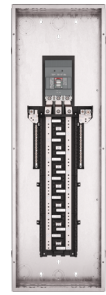
TM24420CB

Outdoor (NEMA 3R) Enclosure

Main Ampere Rating	1 Pole, 1” Spaces	2 Pole, 1” Spaces	3 Pole, 1” Spaces	Total 1-pole Spaces	Max Single Pole Circuits	Feed Type	Box Number	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit	Ordering Code
125	12	6	4	12	24	Top	R3	6-2/0	TGK12 or TGK24 (order separately)	TL12412R
150	18	8	6	18	36	Top	R4	1-3/0 (Cu), 2/0-3/0 (Al)	TGK24 or TGK32 (order separately)	TL18415R
150	24	12	8	24	48	Top	R4	1-3/0 (Cu), 2/0-3/0 (Al)	TGK24 or TGK32 (order separately)	TL24415R
200	18	8	6	18	36	Top	R4	1-250 (Cu), 2/0-250 (Al)	TGK32 (order separately)	TL18420R
200	30	14	10	30	60	Top	R6	1-250 (Cu), 2/0-250 (Al)	TGK32 (order separately)	TL30420R
200	42	20	14	42	84	Top	R8	1-250 (Cu), 2/0-250 (Al)	TGK42 (order separately)	TL42420R
225	42	20	14	42	84	Top	R8	1-300 (Cu), 2/0-300 (Al)	TGK42 (order separately)	TL42422R

PowerMark Plus™, four-wire, 208Y/120 VAC load centers

Main breaker factory installed



TM42420C

Indoor (NEMA 1) Enclosure

Main Ampere Rating	1 Pole, 1" Spaces	2 Pole, 1" Spaces	3 Pole, 1" Spaces	Total 1-pole Spaces	Max Single Pole Circuits	Front Type	Feed Type	Box Number	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit	Ordering Code
100	12	6	4	12	24	Combination Flush/Surface Front	Top Bottom	6	6-1/0 (Cu), 4-1/0 (Al)	TGK12 or TGK24 (order separately)	TM12410C
100	18	8	6	18	36	Combination Flush/Surface Front	Top Bottom	6	6-1/0 (Cu), 4-1/0 (Al)	TGK24 or TGK32 (order separately)	TM18410C
125	30	14	10	30	60	Combination Flush/Surface Front	Top	12	1-3/0 (Cu), 2/0-3/0 (Al)	TGK32 (order separately)	TM30412C
150	24	12	8	24	48	Combination Flush/Surface Front	Top	12	1-3/0 (Cu), 2/0-3/0 (Al)	TGK32 (order separately)	TM24415C
150	30	14	10	30	60	Combination Flush/Surface Front	Top	12	1-3/0 (Cu), 2/0-3/0 (Al)	TGK32 (order separately)	TM30415C
150	42	20	14	42	84	Combination Flush/Surface Front	Top	15	1-3/0 (Cu), 2/0-3/0 (Al)	TGK42 (order separately)	TM42415C
200	24	12	8	24	48	Combination Flush/Surface Front	Top	12	1-300 (Cu), 2/0-300 (Al)	TGK32 (order separately)	TM24420C
200	30	14	10	30	60	Combination Flush/Surface Front	Top	13	1-250 (Cu), 2/0-250 (Al)	TGK32 (order separately)	TM30420C
200	42	20	14	42	84	Combination Flush/Surface Front	Top	14	1-250 (Cu), 2/0-250 (Al)	TGK42 (order separately)	TM42420C
200	42	20	14	42	84	Combination Flush/Surface Front	Bottom	14	1-250 (Cu), 2/0-250 (Al)	TGK42 (order separately)	TM42420CB
225	42	20	14	42	84	Combination Flush/Surface Front	Top	15A	1-300 (Cu), 2/0-300 (Al)	(2) TGL2 (order separately)	TM42422C



TM30420R

Outdoor (NEMA 3R) Enclosure

Main Ampere Rating	1 Pole, 1" Spaces	2 Pole, 1" Spaces	3 Pole, 1" Spaces	Total 1-pole Spaces	Max Single Pole Circuits	Feed Type	Box Number	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit	Ordering Code
100	18	8	6	18	36	Top	R4	6-1/0 (Cu), 4-1/0 (Al)	TGK24 or TGK32 (order separately)	TM18410R
125	30	14	10	30	60	Top	R7	1-3/0 (Cu), 2/0-3/0 (Al)	TGK32 (order separately)	TM30412R
150	24	12	8	24	48	Top	R6	1-3/0 (Cu), 2/0-3/0 (Al)	TGK32 (order separately)	TM24415R
200	30	14	10	30	60	Top	12A	1-250 (Cu), 2/0-250 (Al)	TGK32 (order separately)	TM30420R
200	42	20	14	42	84	Top	R8	1-250 (Cu), 2/0-250 (Al)	TGK42 (order separately)	TM42420R
225	42	20	14	42	84	Top	16A	1-300 (Cu), 2/0-300 (Al)	TGK42 (order separately)	TM42422R

Load center circuit breakers

Ordering code construction

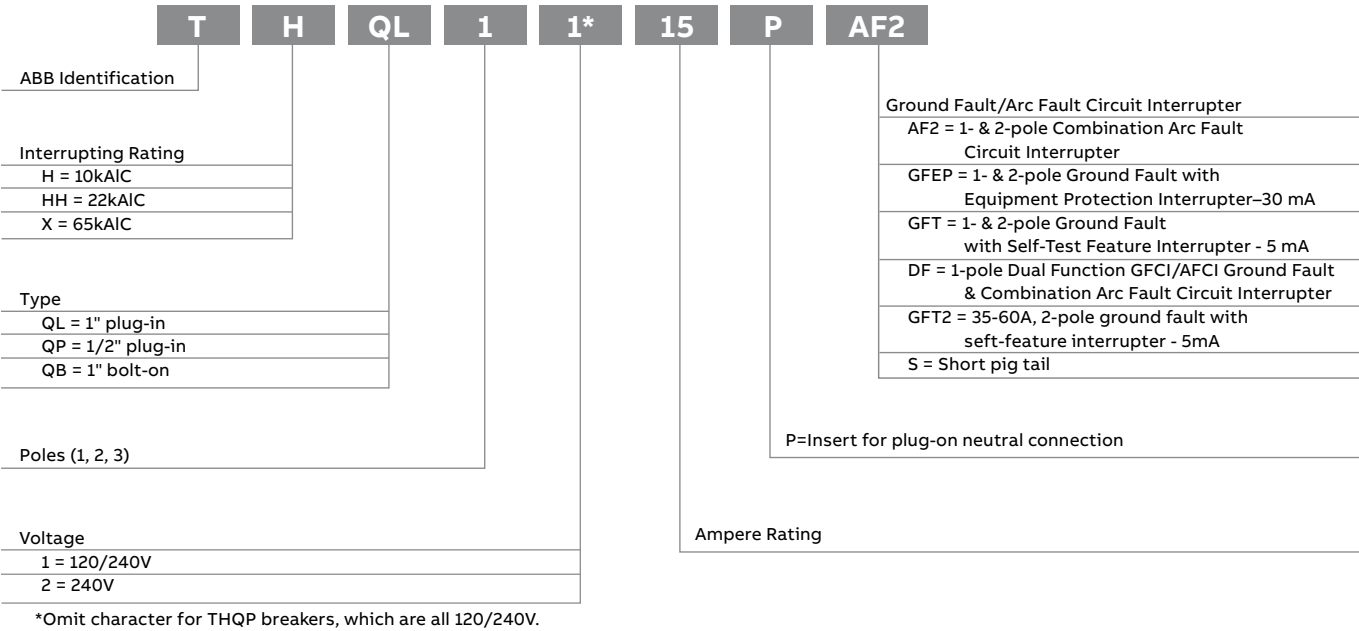
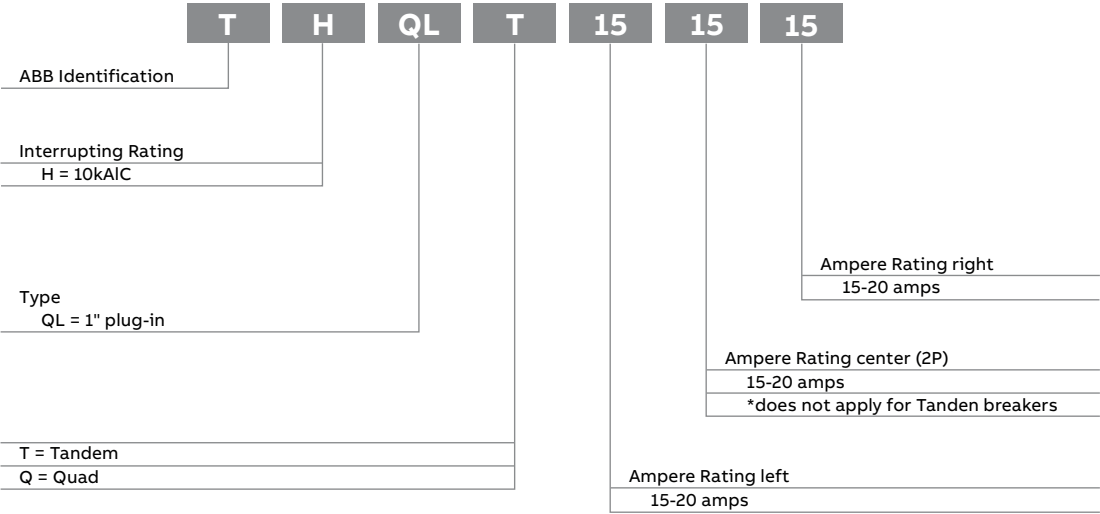


Figure 1:



Load center circuit breakers

Q-Line plug-in residential circuit breakers



THQL2140



THQL32015



THQP130



THQP230



THQL1120

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	240 Vac Ordering code	120/240 Vac Ordering code
Single Pole¹						
35	–	THQL1135	–	–	–	–
40	THQP140	THQL1140	–	–	–	–
50	THQP150	THQL1150	–	–	–	–
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	–	THHQL2115	–	–
20	THQP220	THQL2120	THQL22020	THHQL2120	–	–
25	THQP225	THQL2125	–	THHQL2125	–	–
30	THQP230	THQL2130	THQL22030	THHQL2130	–	–
35	THQP235	THQL2135	–	THHQL2135	–	–
40	THQP240	THQL2140	THQL22040	THHQL2140	–	–
45	THQP245	THQL2145	–	–	–	–
50	THQP250	THQL2150	THQL22050	THHQL2150	–	–
60	–	THQL2160	THQL22060	THHQL2160	–	–
70	–	THQL2170	–	THHQL2170	–	–
80	–	THQL2180	THQL22080	THHQL2180	–	–
90	–	THQL2190	–	–	–	–
100	–	THQL21100	THQL22100	THHQL21100	–	–
110	–	THQL21110	–	–	–	–
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-Pole: Incorporates Internal Common Trip Bar						
15	–	–	THQL32015	–	–	–
20	–	–	THQL32020	–	THHQL32020	–
25	–	–	THQL32025	–	–	–
30	–	–	THQL32030	–	THHQL32030	–
35	–	–	THQL32035	–	–	–
40	–	–	THQL32040	–	–	–
45	–	–	THQL32045	–	–	–
50	–	–	THQL32050	–	–	–
60	–	–	THQL32060	–	THHQL32060	–
70	–	–	THQL32070	–	–	–
80	–	–	THQL32080	–	–	–
90	–	–	THQL32090	–	THHQL32090	–
100	–	–	THQL32100	–	THHQL32100	–
Std. Pkg.			5 cartons of 3		5 cartons of 3	5 cartons of 3

Load center circuit breakers

Q-Line plug-in residential circuit breakers

- Features
- Rated for use on Single Phase 120/240 VAC systems
 - 60°C/75°C conductor rating
 - HACR and SWD rating
 - UL Listed (Molded case circuit breakers no. 489)
 - Protection up to 10,000 amps of available fault current

Tandem and Quad Circuit Breaker, UL 489

				1" Space used	2" Space used
				(2) 1 Poles, 120/240 Vac	(2) 1 Poles and (1) 2 Pole, 120/240 Vac
	Ampere Rating			Ordering Code	Ordering Code
	Right	Center	Left		
10,000 AIC	15	-	15	THQLT1515	-
	20	-	20	THQLT2020	-
	15	-	20	THQLT1520	-
	15	15	15	-	THQLQ151515
	15	20	15	-	THQLQ152015
	15	30	15	-	THQLQ153015
	15	40	15	-	THQLQ154015
	20	15	20	-	THQLQ201520
	20	20	20	-	THQLQ202020
	20	30	20	-	THQLQ203020
	20	40	20	-	THQLQ204020
	20	30	15	-	THQLQ203015

Load center circuit breakers

Special purpose circuit breakers

Features

- 60°C / 75°C conductor rating
- Box type terminals
- Quick-make, quick-break
- Multi-pole circuit breakers incorporate internal common trip



THQL1115DF



THQL1115PDF



THQL1115GFT



THQL1115GFTS

Arc fault circuit interrupter (AFCI circuit breaker), UL1699

	Ampere rating	1-pole, 120/240 volts ac¹	1-pole, 120/240 volts ac	1-pole, 120/240 volts ac
		Ordering code	Ordering code	Ordering code
		Long pig tail	Short pig tail	Plug-on neutral
10,000 AIC				
	15	THQL1115AF2	THQL1115AF2S	THQL1115PAF2
	20	THQL1120AF2	THQL1120AF2S	THQL1120PAF2
22,000 AIC				
	15	THHQL1115AF2	–	THHQL1115PAF2
	20	THHQL1120AF2	–	THHQL1120PAF2
Std. pkg.		10 cartons of 1	–	–

¹ Combination AFCI compliant with 2008 NEC™ and later

² For 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.

Dual function (DFCI/AFCI) ground fault & combination arc fault circuit breaker

	Ampere rating	1-pole, 120/240 volts ac	1-pole, 120/240 volts ac	1-pole, 120/240 volts ac
		Ordering code	Ordering code	Ordering code
		Long pig tail	Short pig tail	Plug-on neutral
10,000 AIC				
	15	THQL1115DF	THQL1115DFS	THQL1115PDF
	20	THQL1120DF	THQL1120DFS	THQL1120PDF
22,000 AIC				
	15	THHQL1115DF	–	THHQL1115PDF
	20	THHQL1120DF	–	THHQL1120PDF
Std. pkg.		10 cartons of 1	–	–

Ground fault with self-test feature circuit breaker, UL943 ed5 (5ma)

	Ampere rating	1-pole, 120 volts ac	1-pole, 120 volts ac	1-pole, 120 volts ac	2-pole, 120/240 volts ac	2-pole, 120/240 volts ac
		Ordering code	Ordering code	Ordering code	Ordering code	Ordering code
		Long pig tail	Short pig tail	Plug-on neutral	Long pig tail	Plug-on neutral
10,000 AIC						
	15	THQL1115GFT	THQL1115GFTS	THQL1115PGFT	THQL2115GFT	THQL2115PGFT
	20	THQL1120GFT	THQL1120GFTS	THQL1120PGFT	THQL2120GFT	THQL2120PGFT
	25	THQL1125GFT	–	THQL1125PGFT	THQL2125GFT	THQL2125PGFT
	30	THQL1130GFT	–	THQL1130PGFT	THQL2130GFT	THQL2130PGFT
	35	–	–	–	THQL2135GFT2	–
	40	–	–	–	THQL2140GFT2	–
	45	–	–	–	THQL2145GFT2	–
	50	–	–	–	THQL2150GFT2	–
	60	–	–	–	THQL2160GFT2	–
22,000 AIC						
	15	THHQL1115GFT	–	THHQL1115PGFT	THHQL2115GFT	THHQL2115PGFT
	20	THHQL1120GFT	–	THHQL1120PGFT	THHQL2120GFT	THHQL2120PGFT
	25	THHQL1125GFT	–	THHQL1125PGFT	THHQL2125GFT	THHQL2125PGFT
	30	THHQL1130GFT	–	THHQL1130PGFT	THHQL2130GFT	THHQL2130PGFT
Std. pkg.		10 cartons of 1	–	–	–	–

Load center circuit breakers

Special purpose circuit breakers



THQL2115GFEP

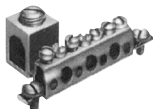


THQL21WY30

Ground fault with equipment protection circuit breaker, UL 1053 (30 ma)			
	Ampere rating	1-pole, 120 volts ac Ordering code	2-pole, 120/240 volts ac Ordering code
10,000 AIC			
	15	THQL1115GFEP	THQL2115GFEP
	20	THQL1120GFEP	THQL2120GFEP
	30	THQL1130GFEP	THQL2130GFEP
22,000 AIC			
	15	-	THHQL2115GFEP
	20	-	THHQL2120GFEP
Std. pkg.		10 cartons of 1	10 cartons of 1

Switching neutral circuit breakers			
UL Listed. 10kAIC RMS symmetrical.			
Standard 1- or 2-pole automatic circuit breaker plus one fully-rated, non-automatic pole.			
	Ampere rating	1-pole plus switching neutral 120/240 volts ac Ordering code	2-pole plus switching neutral 120/240 volts ac Ordering code
10,000 AIC			
	15	THQL21WY15	THQL31WY15
	20	THQL21WY20	THQL31WY20
	25	THQL21WY25	THQL31WY25
	30	THQL21WY30	THQL31WY30
Std. pkg.		5 cartons of 5	5 cartons of 3

Load center field installed accessories



PowerMark Plus™ Equipment Ground Kits

Description	Standard Package Quantity	Ordering Code
(4) 14-8Cu/12-8AL, (3) 14-4Cu/6-4AL	20	TGL1
(11) 14-8Cu/12-8AL, (3) 14-4Cu/6-4AL	20	TGL2
(7) 14-8Cu/12-8AL, (3) 14-4Cu/6-4AL, (2) 14-4Cu/12-4AL, (1) 14-2Cu/AL	20	TGL8
(1) 6-2/0Cu/Al Number of Terminals, Equipment Ground Kits	20	TGL20
(3) 10-1/0 Cu/Al Number of Terminals for 400 and 600 Amp	1	TNG3
6) 10-1/0 Cu/Al Number of Terminals for 400 and 600 Amp	1	TNG6

PowerMark Gold Equipment Ground and Isolated Ground Bar Kits

Description	Wire Range	Standard Package Quantity	Ordering Code
4-hole Ground	(1) 14-4	1	TGK4
8-hole Ground	(1) 14-4	1	TGK8
12-hole Ground	(1) 14-4	1	TGK12
22-hole Ground	(1) 14-4	1	TGK24
32-hole Ground	(1) 14-4	1	TGK32
42-hole Ground	(1) 14-4	1	TGK42

Load center field installed accessories



PowerMark Gold Neutral Kits			
Description	Wire Range	Standard Package Quantity	Ordering Code
PowerMark Gold Neutral Kit - Mounted on top of neutral only	6-2/0	1	TNLK20
PowerMark Gold Neutral Kit - Mounted on top of neutral only	6-250	1	TNLK250



PowerMark Gold Neutral/Ground Lug Kits			
Mounted on any neutral or ground position by removing the termination screw			
Description	Wire Range	Standard Package Quantity	Ordering Code
Neutral/Ground Lug Kit	6-2/0	1	TLK20
Neutral/Ground Lug Kit	6-250	1	TLK250



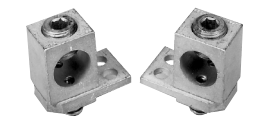
Isolated Ground Bus Bars Equipment Ground Kit		
Description	Standard Package Quantity	Ordering Code
Isolated Ground Bar Kit (order with TKG Equipment Ground Kits)	1	TGKIS



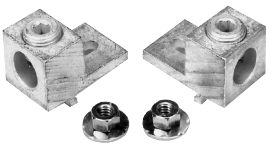
Subfeed Lug Kits		
Description	Standard Package Quantity	Ordering Code
125A 2 Pole Plug-in	1	THLK2125
150A 2 Pole Plug-in - For use with PowerMark Gold only	1	THLK2150
200A 2 Pole Plug-in - For use with PowerMark Gold only	1	THLK2200
225A 3 Pole Plug-in - For use with 3 phase only	1	THLK3225



Load center field installed accessories



PowerMark Plus™ Main Lug Kits		
Description	Wire Range (Cu/Al)	Ordering Code
200 Amp PowerMark Plus™ Replacement Main Lug kit	1-250	THLK200



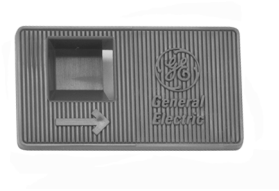
PowerMark Gold Main Lug Kits		
Description	Wire Range (Cu/Al)	Ordering Code
125 Amp PowerMark Gold Replacement Main Lug kit	6-2/0	TMLK125
200 Amp PowerMark Gold Replacement Main Lug kit	6-250	TMLK200

For replacement of main lugs on 125 amp load centers; TLM load centers include main lugs.



Front Filler Plates		
Description	Standard Package Quantity	Ordering Code
1/2" Front Filler Plate	100	TFH
1" Front Filler Plate	50	TQLFP1

Covers 1/2" rectangular breaker knockouts
Covers 1" rectangular breaker knockouts



Door Handle		
Description	Standard Package Quantity	Ordering Code
Replacement Door Handle Universal	1	TRL22

Load center field installed accessories



THQLRK



THQLRK2



THQLRK1



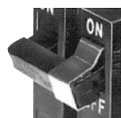
THQLRK3



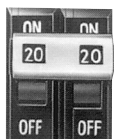
THQLRK4



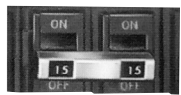
THL103



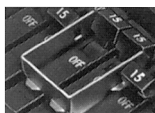
THT1



THT104



THT2



TQHT1



PowerMark Gold Main Breaker Retainers

- Includes service barriers for use with THQL main
- Main Breaker Retainer Kits are UL listed (Panelboards No. 67)

Description	Breaker Type	Ordering Code
For use on PowerMark Plus™ load centers with THQL Breakers 225A max	THQL	THQLRK
For use with 12 - 42 circuit PowerMark Gold load centers with THQL Breakers	THQL	THQLRK1
For use with 6 - 8 circuit PowerMark Gold load centers with THQL Breakers	THQL	THQLRK2
For use with TM/TLM1212CCU Mod 2 current model	THQL	THQLRK3
For use with 6 - 42 circuit PowerMark Gold load centers with THQL Breakers. Similar to THQLRK1 but it does not take up a breaker space.	THQL	THQLRK4

For main lug load centers utilizing a back fed branch breaker as a main

Handle Locks - Padlocking

Description	Breaker Type	Ordering Code
THQP Padlocking Handle Lock	THQP	TQPPL
THQL Padlocking Handle Lock	THQL	THP100
THQL AF, GF, DF Padlocking Handle Lock	THQL AF, DF, GF	THP100E

Snap on handle lock
Padlock not included

Handle Locks - Non Padlocking

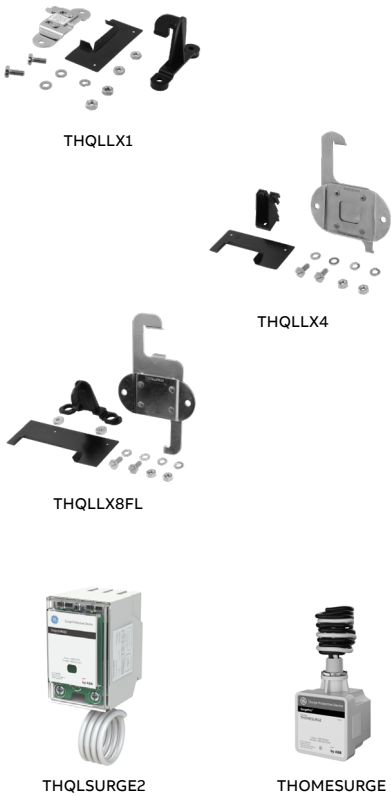
Description	Breaker Type	Ordering Code
THQP Non Padlocking Handle Lock	THQP	TQPL
THQL Non Padlocking Handle Lock	THQL	THL103

Snap on handle lock

Handle Ties

Description	Breaker Type	Ordering Code
Handle Ties for THQP Breakers - Solid Snap-on Trip Indicating	THQP	THT1
Handle Ties for THQP Breakers - For 2 THQPs separated by 2 side-by-side THQPs	THQP	THT2
Snap-on Handle Tie - Trip Indicating	TQB TQC TQL	TQHT1
Snap-on Handle Tie - Solid	TQB TQC TQL	THT104
Multiwire Branch Breaker Handle Tie Kits	TQB TQC TQL	TQ3HTK TQ4HTK

Load center field installed accessories



Load center hardware kits

Description	Standard Package Quantity	Ordering Code
Powermark Gold Hardware kit containing 20 front mounting screws	1	THDWRKIT

Generator Interlock Kit

Description	Standard Package Quantity	Ordering Code
Load Center Generator Interlock Kit	1	THQLLX1
MSLC Generator Interlock Kit	1	THQLLX4
MSLC Generator Interlock Kit	1	THQLLX8CU
MSLC Generator Interlock Kit	1	THQLLX8FL

Surge protectors, NEMA Type 1

Description	System voltage	Per phase surge rating	Short circuit rating	Nominal discharge rating	Ordering Code
SurgePro panel-mount	120/240 VAC	25 kA	100 kA	10 kA	THQLSURGE2
SurgePro externally mounted	120/240 VAC	3 kA	200 kA	10 kA	THOMESURGE