

BUYLOG SECTION 1

Load Centers and Circuit Breakers





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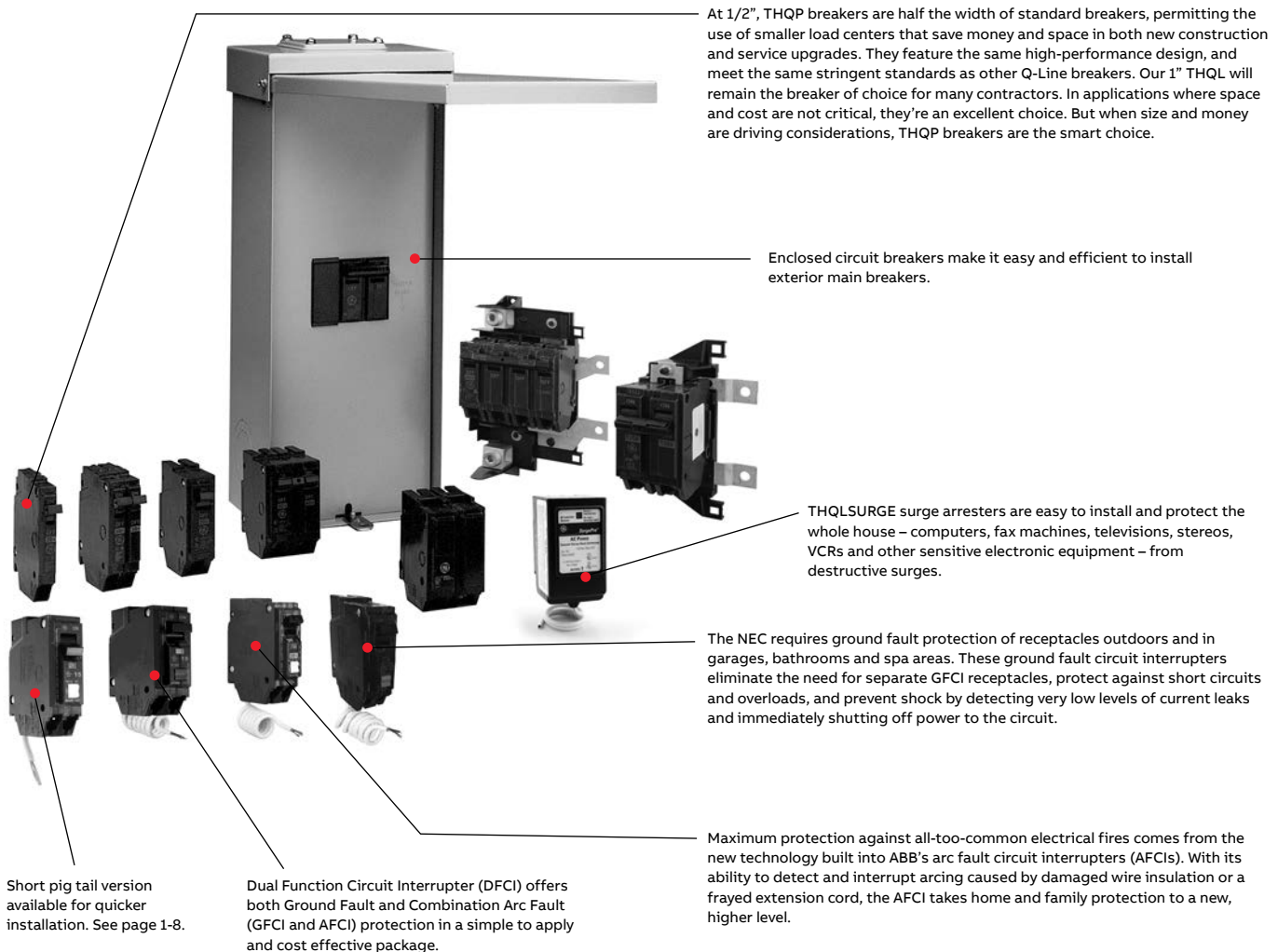
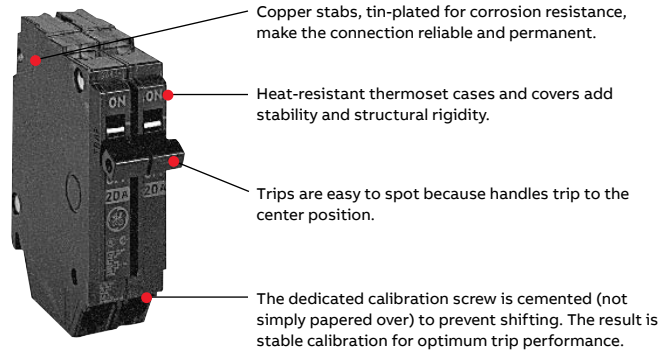
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Q-Line Circuit Breakers

Reliability and Economy

Special Purpose Circuit Breakers

- PowerMark Gold Main Circuit Breakers
- Arc Fault Circuit Interrupter
- Dual Function GFCI/AFCI Ground Fault & Combination Arc Fault Circuit Breaker
- Ground Fault with Self-Test Feature
- Ground Fault with Equipment Protection
- Switching Neutral
- HID Lighting Breaker
- High Magnetic Breaker
- Molded Case Switch
- Surge Arrester
- TQ Breaker



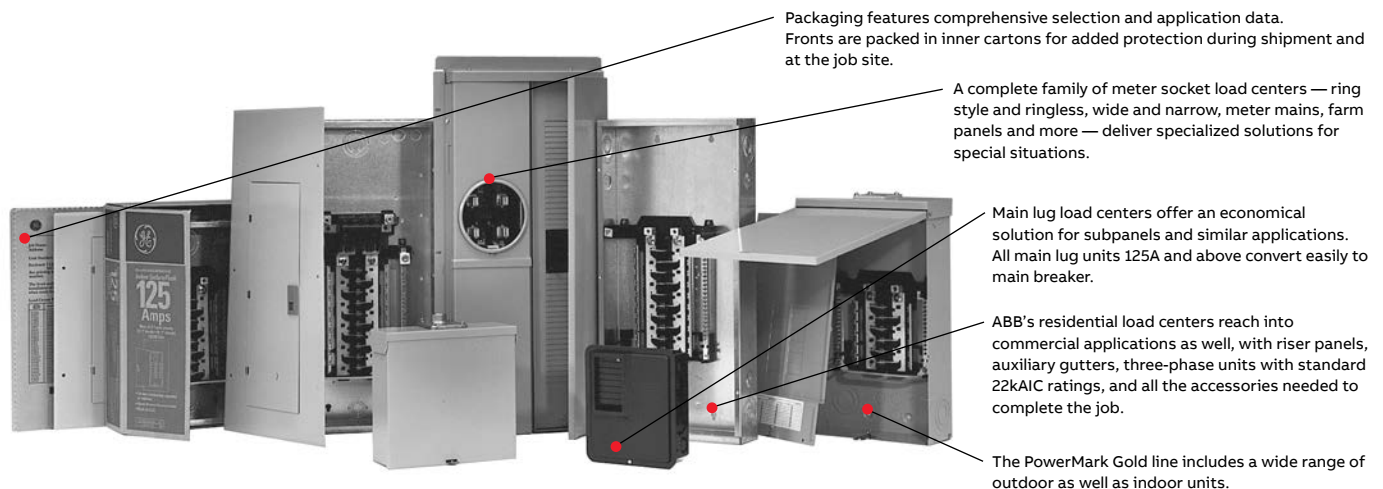
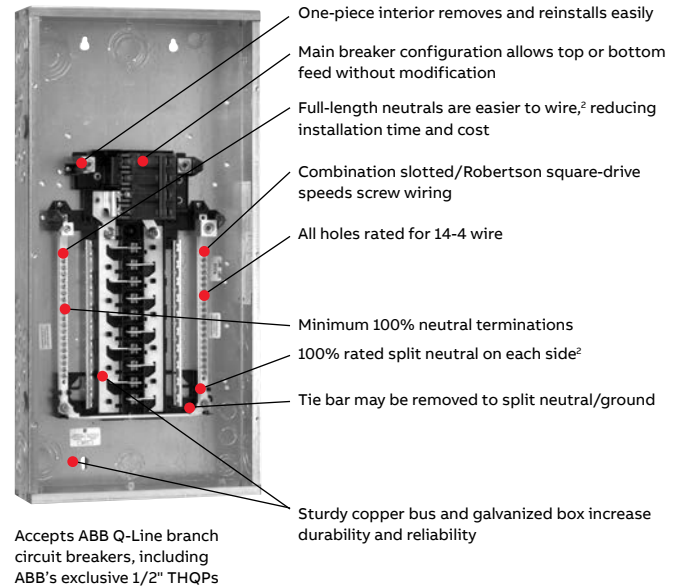
PowerMark Gold Load Centers

Highest Quality and Convenience

PowerMark Gold load centers lower your costs by making installation faster and easier, increasing application flexibility and reducing inventory requirements. At the same time, they deliver obvious and significant advances in design, function and quality.

- UL Listed (Panelboards No. 67)
- Service Barriers included for factory installed main circuit breaker and main circuit breaker kits (required to meet UL67 for service entrance applications)
- Suitable for Use as Service Entrance Equipment when installed in accordance with National Electrical Code
- 60°C/75°C Conductor Rating
- Single phase, 40-225A, 2-42 circuits
- Main lug models field convertible to main breaker
- Main breaker 22kAIC standard - factory installed
- All load centers top or bottom feed
- Indoor and outdoor rated enclosures
- Indoor fronts combination surface/flush
- Copper bus with tin plating standard¹
- Split neutrals extend the full length of the interior for ease of wiring
- Entire main lug line converts easily to main breaker
- Combination surface/flush front with spring-reinforced pan
- Combination slotted/Robertson square-drive screws on neutral,² ground, front and breaker lugs
- Front packed in inner carton for added protection

- Field installable feed-through lugs up to 200A
- Straight-through main wiring
- Main breaker is clearly marked and circuit numbers are stamped on front
- Isolated ground bar is available
- Compact box maintains optimum wire-bending space



Accessories and Options

- Door lock and handle
- Equipment ground kits
- Sub-feed and feed-thru lugs
- Front filler plates
- Handle lock and ties
- Hardware kits
- Main breaker retainers
- Neutral kits
- Universal raintight hubs

Safety accessories – convenient and easy to install

- THQLSURGE whole house surge protector
- Arc fault circuit interrupter breaker, 1- or 2-pole
- Ground fault circuit interrupter breaker, 5mA and 30mA
- Generator transfer panel – 30A or 60A, indoor or outdoor
- ABB AC disconnects
- Service Barrier Kits

¹ Three-phase PowerMark Plus load centers have aluminum bus with copper breaker mounting stabs.

² 16 circuit and above.

PowerMark Gold and Plus Load Centers

Product Number Guides

Product Number Guide for Load Centers

(Product number for illustrative purposes only)

T	M	42	4	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
Type							Insert for PowerMark Gold
M = Main breaker							CU = Copper Bus
L = Main lug							42 = Copper Bus Full 42 circuit panel
LM = Convertible							
PL = Main lug (Thermoplastic)							
Maximum Number 1" Spaces							
2, 4, 6...42							
Insert for 3-Phase 4-Wire Load Centers							
							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

Product Number Guide for Q-Line Plug-in Circuit Breakers

(Product number for illustrative purposes only)

T	H	QL	1	1*	15	GFTS
ABB Identification						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
						S = Short pig tail
Interrupting Rating						Ampere Rating
H = 10kAIC						
HH = 22kAIC						
X = 65kAIC						
Type						Voltage
QL = 1" plug-in						1 = 120/240V
QP = 1/2" plug-in						2 = 240V
QB = 1" bolt-on						
Poles (1, 2, 3)						

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

Q-Line Plug-in Circuit Breakers

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

Q-Line Plug-in Circuit Breakers Specifications

Breaker Type	Ampere Rating	Wire Size AWG/kcmil ¹	
		Cu	Al
THQP	15-25	14-8	12-8
	30-50	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



THQP130



THQP230



THQL1120



THQL2140



THQL32015

Q-Line Plug-in Circuit Breakers

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 Product Number	120/240 Vac Product Number	240 Vac Product Number	120/240 Vac Product Number	240 Vac Product Number	120/240 Vac Product Number
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-Pole³: 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.

References:

Accessories Pages	1-26 thru 1-32
Auxiliary Switches and Shunt Trips	BuyLog pages 6-40 thru 6-42

Special Purpose Circuit Breakers

60°C / 75°F Conductor Rating

Box Type Terminals

Quick-Make, Quick-Break

Multi-pole Breakers Incorporate Internal Common Trip

Arc Fault²

cULus Listed

Arc-Fault Circuit Interrupters No. 1699

	Ampere Rating	1-Pole, 120/240 Volts ac ¹ Product Number Long Pig Tail	1-Pole, 120/240 Volts ac Product Number Short Pig Tail
10,000 AIC			
	15	THQL1115AF2	THQL1115AF2S
	20	THQL1120AF2	THQL1120AF2S
22,000 AIC			
	15	THHQL1115AF2	-
	20	THHQL1120AF2	-
Std. Pkg.		10 Cartons of 1	-

As of Jan. 1, 2008, 2005 NEC™ requires combination AFCI.

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 GFCI/AFCI Ground Fault & Combination Arc Fault Circuit Breaker

cULus Listed

	Ampere Rating	1-Pole, 120/240 Volts ac Product Number Long Pig Tail	1-Pole, 120/240 Volts ac Product Number Short Pig Tail
10,000 AIC			
	15	THQL1115DF	THQL1115DFS
	20	THQL1120DF	THQL1120DFS
22,000 AIC			
	15	THHQL1115DF	-
	20	THHQL1120DF	-
Std. Pkg.		10 Cartons of 1	-

Ground Fault with Self-Test Feature

cULus

Ground Fault Circuit Interrupters UL943 ed5 (5 milliamperes)

	Ampere Rating	1-Pole, 120 Volts ac Product Number Long Pig Tail	1-Pole, 120 Volts ac Product Number Short Pig Tail	2-Pole, 120/240 Volts ac Product Number Long Pig Tail
10,000 AIC				
	15	THQL1115GFT	THQL1115GFTS	THQL2115GFT
	20	THQL1120GFT	THQL1120GFTS	THQL2120GFT
	25	THQL1125GFT	-	THQL2125GFT
	30	THQL1130GFT	-	THQL2130GFT
	40	-	-	THQL2140GFT ³
	50	-	-	THQL2150GFT ³
22,000 AIC				
	15	THHQL1115GFT	-	THHQL2115GFT
	20	THHQL1120GFT	-	THHQL2120GFT
	25	THHQL1125GFT	-	THHQL2125GFT
	30	THHQL1130GFT	-	THHQL2130GFT
Std. Pkg.		10 Cartons of 1	-	-

³ UL & CSA

PowerMark Gold* Main Circuit Breakers Kits for use in 150A, 200A & 225A Convertible Load Centers

UL Listed

- 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	Product Number	Lug Size
Main Circuit Breaker Kits 22,000 AIC	100	THQMV100D	1-300 (cu), 2/0-300
	125	THQMV125D	
	150	THQMV150D	
	175	THQMV175D	
	200	THQMV200D	
	225	THQMV225D	

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.



Arc Fault



THQL1115AF2S



THQL1115DF



THQL1115DFS



THQL2120GFT



THQL2115GFTS



THQMV100D with
filler plates



THQMV200D

Special Purpose Circuit Breakers

60°C / 75°F Conductor Rating

Box Type Terminals

Quick-Make, Quick-Break

Multi-pole Breakers Incorporate Internal Common Trip

PowerMark Gold Main Circuit Breaker Kit

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

Description	Product Number
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 product numbers 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.



TQM000

Ground Fault with Equipment Protection

cULus

Ground Fault Circuit Interrupters No. 943 30 milliampere ground fault trip level

	Ampere Rating	1-Pole, 120 Volts ac Product Number	2-Pole, 120/240 Volts ac Product Number
10,000 AIC	15	THQL1115GFEP	THQL2115GFEP
	20	THQL1120GFEP	THQL2120GFEP
	30	THQL1130GFEP	THQL2130GFEP
22,000 AIC	15	-	THHQL2115GFEP
	20	-	THHQL2120GFEP
	30	-	THHQL2130GFEP
Std. Pkg.		10 Cartons of 1	10 Cartons of 1



THQL2115GFEP

Switching Neutral

UL Listed. 10kAIC RMS symmetrical.

Standard 1- or 2-pole automatic breaker plus one fully-rated, non-automatic pole.

	Ampere Rating	1-Pole Plus Switching Neutral 120/240 Volts ac Product Number	2-Pole Plus Switching Neutral 120/240 Volts ac Product Number
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



THQL21WY30

"HID" Lighting

UL Listed as HID. HID breakers have been designed to handle the current and voltage spikes that result when gaseous discharge lamps, including fluorescent and HID lamps, are switched on and off.

	Ampere Rating	1-Pole, 120/240 Volts ac Product Number	2-Pole, 120/240 Volts ac Product Number
10,000 AIC	15	THQL1115HID ²	THQL2115HID
	20	THQL1120HID ²	THQL2120HID
	30	THQL1130HID	THQL2130HID
22,000 AIC	15	THHQL1115HID ²	THHQL2115HID
	20	THHQL1120HID ²	THHQL2120HID
	30	THHQL1130HID	THHQL2130HID
Std. Pkg.		5 cartons of 10	5 cartons of 5

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



THQL2120HID

High Magnetic

UL Listed. 10kAIC RMS symmetrical

High short circuit setting suitable for circuits with inherent high-inrush load currents.

	Ampere Rating	1 Pole, 120 Volts ac Product Number
	15	THQL1115HM
	20	THQL1120HM
	25	THQL1125HM
	30	THQL1130HM
	40	THQL1140HM
	50	THQL1150HM
Std. Pkg.		5 cartons of 10



THQL1140HM

Special Purpose Circuit Breakers

60°C / 75°F Conductor Rating

Box Type Terminals

Quick-Make, Quick-Break

Multi-pole Breakers Incorporate Internal Common Trip

Molded Case Switches

UL Listed

Without overload or short circuit protection.

	Ampere Rating	2-Pole Product Number	3-Pole Product Number
120/240 Volts ac			
	60	TQL21Y60	—
	100	TQL21Y100	—
240 Volts ac			
	60	TQL22Y60	TQL32Y60
	100	TQL22Y100	TQL32Y100
Std. Pkg.		5 cartons of 5	5 cartons of 3



TQL21Y100

Interlocking Circuit Breakers for use in PowerMark Gold Generator Panels

Two breakers required for interlocking.

Poles	Ampere Rating	Product Number
2	30	THQL2130GEN
2	60	THQL2160GEN



TQ1120

TQ Circuit Breakers

3/4" UL Classified Circuit Breakers for use in *Square D **QO Load Centers.

10 kAIC RMS symmetrical

Ampere Rating	1-Pole Product Number	2-Pole Product Number
15	TQ1115	TQ2115
20	TQ1120	TQ2120
30	TQ1130	TQ2130
40	TQ1140	TQ2140
50	TQ1150	TQ2150
60	—	TQ2160
Std. Pkg.	1 carton of 10	1 carton of 5



TQ2120

THQL 120/240 Vac, with Factory Installed Shunt¹

# of Poles	Ampere Rating	Wire Range ²	120/240 Vac Interrupting Rating	Product Number
1	15	(1) 14-8 Cu/12-8 Al	10kA	THQL1115ST1
1	20	(1) 14-8 Cu/12-8 Al	10kA	THQL1120ST1
1	30	(1) 14-8 Cu/12-8 Al	10kA	THQL1130ST1
1	35	(1) 8-3 Cu/8-3 Al	10kA	THQL1135ST1

¹ Shunt trip requires one additional pole of space.



THQL1130ST1

THQL 120/240 Vac, Internal Common Trip with Factory Installed Shunt¹

# of Poles	Ampere Rating	Wire Range ²	120/240 Vac Interrupting Rating	Product Number
2	15	14-8 Cu/12-8 Al	10kA	THQL2115ST1
2	20	14-8 Cu/12-8 Al	10kA	THQL2120ST1
2	30	14-8 Cu/12-8 Al	10kA	THQL2130ST1
2	35	8-3 Cu/8-3 Al	10kA	THQL2135ST1
2	40	8-3 Cu/8-3 Al	10kA	THQL2140ST1
2	45	8-3 Cu/8-3 Al	10kA	THQL2145ST1
2	50	8-3 Cu/8-3 Al	10kA	THQL2150ST1
2	60	8-3 Cu/8-3 Al	10kA	THQL2160ST1
2	70	6-1/0 Cu/4-1/0 Al	10kA	THQL2170ST1
2	80	6-1/0 Cu/4-1/0 Al	10kA	THQL2180ST1
2	90	6-1/0 Cu/4-1/0 Al	10kA	THQL2190ST1
2	100	6-1/0 Cu/4-1/0 Al	10kA	THQL21100ST1
3	20	14-8 Cu/12-8 Al	10kA	THQL32020ST1
3	30	14-8 Cu/12-8 Al	10kA	THQL32030ST1
3	40	8-3 Cu/8-3 Al	10kA	THQL32040ST1
3	50	8-3 Cu/8-3 Al	10kA	THQL32050ST1
3	60	8-3 Cu/8-3 Al	10kA	THQL32060ST1
3	70	6-1/0 Cu/4-1/0 Al	10kA	THQL32070ST1
3	80	6-1/0 Cu/4-1/0 Al	10kA	THQL32080ST1
3	90	6-1/0 Cu/4-1/0 Al	10kA	THQL32090ST1
3	100	6-1/0 Cu/4-1/0 Al	10kA	THQL32100ST1

² Solid or stranded for 14-10 AWG.

*Square D is a registered trademark of SNA Holdings, Inc. **QO is a registered trademark of the Square D Company.



THQL2120ST1



THQL32020ST1

PowerMark Gold and Plus Load Centers

Single-Phase, Three-Wire, 120/240 Vac
Main Lugs Convertible to Main Breaker

Load Center
1PH
Main Lug
Indoor NEMA 1

Product Features

- UL Listed (Panelboards No. 67)
- 0°/75°C Conductor Rating
- Suitable for Use as Service Entrance Equipment when Installed in Accordance with the National Electrical Code
- 22kAIC RMS symmetrical, Except Where Noted
- 6-42 circuit devices UL Listed for bottom mounted lugs by installing complete unit (box, interior and front) upside down.
- For a listing of CSA Listed load centers, visit electrification.us.abb.com.



TLM2020CCU



TPL412R

Main Lugs Factory Installed (TLM units convertible to main breaker), 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	Front Type	Feed Type ¹	Box Number	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit	Product Number
40	2	1	4	1	4	Surface	Top Bottom	1A	14-4	TGK4 (order separately)	TL240SCU ^{1,8}
70	2	1	4	1	4	Surface	Top Bottom	1A	6-3	TGK4 (order separately)	TL270SCU ^{1,8}
125	4	2	8	3	8	Combination Flush/Surface	Top Bottom	2A	1-2/0	TGL1 (order separately)	TL412C ^{1,2,8}
125	4	2	8	3	8	Combination Flush/Surface	Top Bottom	2A	1-2/0	TGL1 installed	TL412CT ^{1,2,3,8}
125	4	2	8	3	8	Thermoplastic	Top Bottom	2	1-2/0	TGL1 (order separately)	TPL412C ^{1,2,3,8}
125	4	2	8	3	8	Thermoplastic	Top Bottom	2	1-2/0	TGL1 installed	TPL412CT ^{1,2,3,8}
125	6	3	12	4	12	Flush	Top Bottom	3A	6-1	TGL2 (order separately)	TLM612FCU ^{4,8}
125	6	3	12	4	12	Flush	Top Bottom	3A	6-1	TGL2 (order separately)	TLM612FCUD ^{4,8}
125	6	3	12	4	12	Flush	Top Bottom	3A	6-1	TGL2 installed	TLM612FCUDG ^{4,8}
125	6	3	12	4	12	Surface	Top Bottom	3A	6-1	TGL2 (order separately)	TLM612SCU ^{4,8}
125	6	3	12	4	12	Surface	Top Bottom	3A	6-1	TGL2 (order separately)	TLM612SCUD ^{4,8}
125	6	3	12	4	12	Surface	Top Bottom	3A	6-1	TGL2 installed	TLM612SCUDG ^{4,8}
125	8	4	16	8	16	Flush	Top Bottom	3A	6-1	TGL2 (order separately)	TLM812FCU ^{4,8}
125	8	4	16	8	16	Flush	Top Bottom	3A	6-1	TGL2 (order separately)	TLM812FCUD ^{4,8}
125	8	4	16	8	16	Flush	Top Bottom	3A	6-1	TGL2 (order separately)	TLM812FCUDG ^{4,8}
125	8	4	16	8	16	Surface	Top Bottom	3A	6-1	TGL2 (order separately)	TLM812SCU ^{4,8}
125	8	4	16	8	16	Surface	Top Bottom	3A	6-1	TGL2 (order separately)	TLM812SCUD ^{4,8}
125	8	4	16	8	16	Surface	Top Bottom	3A	6-1	TGL2 installed	TLM812SCUDG ^{4,8}
125	14	6	20	8	24	Combination Flush/Surface	Top Bottom	18	6-2/0	Included ¹⁰	TLM1212CCU ^{7,8}
125	14	6	20	8	24	White Combo Flush/Surface	Top Bottom	18	6-2/0	Included ¹⁰	TLM1212CCU ^{W7,8,9}

¹ No door

² 10 kAIC

³ 125 amp maximum branch capacity.

⁴ For main breaker, order THQLRK2 retainer kit plus 2-pole circuit breaker. See page 1-30, 100 amp max.

⁵ For main breaker, order TQMH000. See page 1-26. Also order 2-pole THQL, THHQL, or TXQL circuit breaker. See page 1-7.

⁶ For main breaker, order THQMVXXXD circuit breaker from page 1-8.

⁷ For main breaker applications, use reverse feed THQL breaker or THHQL circuit breaker (see page 1-7) and THQLRK3 breaker retainer (see page 1-30).

⁸ No lock provision available. Use next size larger load center such as TLM1612CCU with a TDL106 accessory if locking provision is required.

⁹ Minimum order QTY is 40 for below 24 circuits; QTY 24 for 24 circuits and above. (See DEE-590)

¹⁰ Load center includes a factory installed ground bar and add-a-lug. See wiring diagram on page 1-33.

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

This table continued on next page

PowerMark Gold and Plus Load Centers

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

Main Lugs Convertible to Main Breaker

Load Center
1PH
Main Lug
Indoor NEMA 1

Main Lugs Factory Installed (TLM units convertible to main breaker), 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	Front Type	Feed Type	Box Number	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit	Product Number
125	16	8	16	6	24	Combination Flush/Surface	Top Bottom	4	6-2/0	TGK12 and TGK24 (order separately)	TLM1612CCU ⁵
125	16	8	16	6	24	Combination Flush/Surface	Top Bottom	4	6-2/0	TGK12 and TLK20 installed	TLM1612CCUG ⁵
125	24	12	0	0	24	Combination Flush/Surface	Top Bottom	7	6-2/0	TGK24 and TGK32 (order separately)	TLM2412CCU ⁵
125	24	12	0	0	24	Combination Flush/Surface	Top Bottom	7	6-2/0	TGK24 and TGK32 (order separately)	TLM2412CCUW ^{5,9}
125	24	12	0	0	24	Combination Flush/Surface	Top Bottom	7	6-2/0	TGK24 and TLK20 installed	TLM2412CCUG ⁵
200	16	8	32	14	32	Combination Flush/Surface	Top Bottom	7	6-250	TGK32 (order separately)	TLM1620CCU ⁶
200	16	8	32	14	32	Combination Flush/Surface	Top Bottom	7	6-250	TGK32 (order separately)	TLM1620CCUW ^{6,9}
200	16	8	32	14	32	Combination Flush/Surface	Top Bottom	7	6-250	TGK32 installed	TLM1620CCUG ⁶
200	20	10	40	18	40	Combination Flush/Surface	Top Bottom	8	6-250	TGK32 (order separately)	TLM2020CCU ⁶
200	20	10	40	18	40	Combination Flush/Surface	Top Bottom	8	6-250	TGK32 (order separately)	TLM2020CCUW ^{6,9}
200	20	10	40	18	40	Combination Flush/Surface	Top Bottom	8	6-250	TGK42 installed	TLM2020CCUG ⁶
200	24	12	36	18	42	Combination Flush/Surface	Top Bottom	9	1-3/0 (Cu), 2/0-3/0 (Al)	TGK24 or TGK32 (order separately)	TLM2420C42 ⁶
200	32	16	20	8	42	Combination Flush/Surface	Top Bottom	11	1-250 (Cu), 2/0-250 (Al)	TGK32 and TLK20 (order separately)	TLM3220C42 ⁶
200	32	16	16	6	40	Combination Flush/Surface	Top Bottom	11	6-250	TGK32 (order separately)	TLM3220CCU ⁶
200	32	16	16	6	40	Combination Flush/Surface	Top Bottom	11	6-250	TGK32 (order separately)	TLM3220CCUW ^{6,9}
200	32	16	16	6	40	Combination Flush/Surface	Top Bottom	11	6-250	TGK32 and TNLK250 installed	TLM3220CCUG ⁶
200	32	16	64	30	64	Combination Flush/Surface	Top Bottom	19	6-250	(2) TGK24 (1) TLK250	TLM3220C64G ²
200	40	20	0	0	40	Combination Flush/Surface	Top Bottom	13	6-250	TGK42 (order separately)	TLM4020CCU ⁶
200	40	20	0	0	40	Combination Flush/Surface	Top Bottom	13	6-250	TGK42 order separately)	TLM4020CCUW ^{6,9}
200	40	20	0	0	40	Combination Flush/Surface	Top Bottom	13	6-250	TGK42 and TNLK250 installed	TLM4020CCUG ⁶
200	40	20	80	38	80	Combination Flush/Surface	Top Bottom	20	6-250	(2) TGK32 (1) TLK250	TLM4020C80G ²
200	42	20	0	0	42	Combination Flush/Surface	Top Bottom	14	1-300 (Cu), 2/0-300 (Al)	TGK42 (order separately)	TLM4220CCU ⁶
200	42	20	0	0	42	Combination Flush/Surface	Top Bottom	14	1-300 (Cu), 2/0-300 (Al)	TGK42 and TNLK250 installed	TLM4220CCUG ⁶
225	42	20	0	0	42	Combination Flush/Surface	Top Bottom	14	1-300 (Cu), 2/0-300 (Al)	TGK42 (order separately)	TLM4222CCU ⁶
225	42	20	0	0	42	Combination Flush/Surface	Top Bottom	14	1-300 (Cu), 2/0-300 (Al)	TGK42 and TNLK250 installed	TLM4222CCUG ⁶

¹ No door

² 10 kAIC

³ 125 amp maximum branch capacity.

⁴ For main breaker, order THQLRK2 retainer kit plus 2-pole circuit breaker. See page 1-30, 100 amp max.

⁵ For main breaker, order TQMH000. See page 1-26. Also order 2-pole THQL, THHQL, or TXQL circuit breaker. See page 1-7.

⁶ For main breaker, order THQMVXXXD circuit breaker from page 1-8.

⁷ For main breaker applications, use reverse feed THQL breaker or THHQL circuit breaker (see page 1-7) and THQLRK3 breaker retainer (see page 1-30).

⁸ No lock provision available. Use next size larger load center such as TLM1612CCU with a TDL106 accessory if locking provision is required.

⁹ Minimum order QTY is 40 for below 24 circuits; QTY 24 for 24 circuits and above. (See DEE-590)

¹⁰ Load center includes a factory installed ground bar and add-a-lug. See wiring diagram on page 1-33. 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.

PowerMark Gold and Plus Load Centers

Single-Phase, Three-Wire, 120/240 Vac
Main Lugs Convertible to Main Breaker

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 ¹	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	6	2	12	4	12	-	Top	R2A	6-1	TGL2 (order separately)	TLM612RCU ⁴
125	8	4	16	8	16	-	Top	R2A	6-1	TGL2 (order separately)	TLM812RCU ⁴
125	8	4	16	8	16	-	Top	R3A	6-1	TGL2 (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 Bottom	R4A	6-2/0	TGK24 (order separately) TGK32 (order separately)	TLM2412RCU ⁵
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 ⁶
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) TGK42 (order separately)	TLM2020RCU ⁶
200	24	12	36	18	42	-	Top Bottom	R39	1-250 (Cu), 2/0-250 (Al)	TGK24 (order separately)	TLM2420R4 ²
200	32	16	16	6	40	-	Top Bottom	R7A	1-250 (Cu), 2/0-250 (Al)	TGK32 (order separately)	TLM3220RCU ⁶
200	40	20	0	0	40	-	Top Bottom	R8A	6-250	TGK42 (order separately)	TLM4020RCU ⁶
225	42	20	0	0	42	-	Top Bottom	R8A	1-300 (Cu), 2/0-300 (Al)	TGK42 (order separately)	TLM4222RCU ⁶

¹ 40-225 amp single-phase devices have removable closing caps. Larger ampere devices require field-cut openings. Order hubs separately. See page 1-29.

² 10 kAIC.

³ 125 amp maximum branch capacity.

⁴ For main breaker, order THQLRK2 retainer kit plus 2-pole circuit breaker. See page 1-30, 100 amp maximum due to wire bending requirements.

⁵ For main breaker, order TQMH000. See page 1-26. Also order 2-pole THQL or THHQL circuit breaker. See page 1-7.

⁶ For main breaker, order THQMVXXXD circuit breaker from page 1-8.

⁷ For main breaker applications, use reverse feed THQL or THHQL circuit breaker (see page 1-7) and THQLRK3 breaker retainer (see page 1-30).

⁸ Main and branch breakers are limited to 70 amps.

⁹ Load center includes a factory installed ground bar and add-a-lug. See wiring diagram on page 1-33. 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.

PowerMark Gold and Plus Main Breaker Load Centers

Single-Phase, Three-Wire, 120/240 Vac
Main Breaker Factory Installed

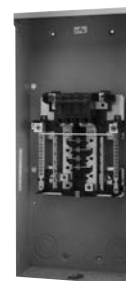
Load Center
1PH
Main Breaker
Indoor NEMA 1

Product Features

- UL Listed (Panelboards No. 67)
- 60°C/75°C Conductor Rating
- Suitable for Use as Service Entrance Equipment when Installed in Accordance with the National Electrical Code
- 22kAIC RMS symmetrical, Except Where Noted
- 6-42 circuit devices UL Listed for bottom mounted lugs by installing complete unit (box, interior and front) upside down.
- For a listing of CSA Listed load centers, visit electrification.us.abb.com.



TM2020CCU



TM820RCUFL

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	Front Type	Feed Type	Box Number	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit	Product Number
100	12	5	20	8	22	Combination Flush/Surface Front	Top Bottom	18	4-1/0	Included ¹	TM1210CCU ²
100	24	12	0	0	24	Combination Flush/Surface Front	Top Bottom	7	1-2/0	TGK24, TGK32 and TLK20 (order separately)	TM2410CCU
100	20	10	0	0	20	Combination Flush/Surface Front	Top Bottom	6	4-1/0	TGK24 (order separately)	TM2010CCU
100	32	16	0	0	32	Combination Flush/Surface Front	Top Bottom	11	4-1/0	TGK32 (order separately)	TM3210CCU
125	12	5	20	8	22	Combination Flush/Surface Front	Top Bottom	18	1-2/0	Included ¹	TM1212CCU ²
125	24	12	0	0	24	Combination Flush/Surface Front	Top Bottom	7	1-2/0	TGK24 (order separately)	TM2412CCU
125	16	8	16	6	24	Combination Flush/Surface Front	Top Bottom	4	1-2/0	TGK12 (order separately) TGK24 (order separately)	TM1612CCU
125	16	8	16	6	24	Combination Flush/Surface Front	Top Bottom	4	1-2/0	TGK24 installed	TM1612CCUG
150	16	8	32	14	32	Combination Flush/Surface Front	Top Bottom	7	1-3/0 (Cu), 2/0-3/0 (Al)	TGK24 (order separately) TGK32 (order separately)	TM1615CCU
150	16	8	32	14	32	Combination Flush/Surface Front	Top Bottom	7	1-3/0 (Cu), 2/0-3/0 (Al)	TGK32 installed	TM1615CCUG

This table continued on next page

PowerMark Gold and Plus Main Breaker Load Centers

Single-Phase, Three-Wire, 120/240 Vac
Main Breaker Factory Installed

Load Center
1PH
Main Breaker
Indoor NEMA 1

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	Front Type	Feed Type	Box Number	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit	Product Number
150	32	16	0	0	32	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	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	Combination Flush/Surface	Top Bottom	11	1-3/0 (Cu), 2/0-3/0 (Al)	TGK32 and TLK20 (order separately)	TM3215C42
150	40	20	80	38	80	Combination Flush/Surface	Top Bottom	20	1-250 (Cu) 2/0-250 (Al)	Order separately if required	TM4015C80
200	16	8	32	14	32	Combination Flush/Surface	Top Bottom	7	1-250 (Cu) 2/0-250 (Al)	TGK32 (order separately)	TM1620CCU
200	16	8	32	14	32	Combination Flush/Surface	Top Bottom	8	1-250 (Cu) 2/0-250 (Al)	TGK32 installed	TM1620CCUG
200	20	10	40	18	40	Combination Flush/Surface	Top Bottom	8	1-250 (Cu) 2/0-250 (Al)	TGK32 (order separately)	TM2020CCU
200	20	10	40	18	40	White Combo Flush/Surface	Top Bottom	8	1-250 (Cu) 2/0-250 (Al)	TGK24 (order separately) TGK42 (order separately)	TM2020CCUW ³
200	20	10	40	18	40	Combination Flush/Surface	Top Bottom	8	1-250 (Cu) 2/0-250 (Al)	TGK32 (order separately)	TM2020CCUG
200	20	10	40	18	40	White Combo Flush/Surface	Top Bottom	8	1-250 (Cu) 2/0-250 (Al)	TGK32 (order separately)	TM2020CCUGW ³
200	32	16	16	6	40	Combination Flush/Surface	Top Bottom	11	1-250 (Cu) 2/0-250 (Al)	TGK32 (order separately)	TM3220CCU
200	40	20	0	0	40	Combination Flush/Surface	Top Bottom	13	1-250 (Cu) 2/0-250 (Al)	TGK42 (order separately)	TM4020CCU
200	32	16	20	8	42	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	Combination Flush/Surface	Top Bottom	14	1-300 (Cu), 2/0-300 (Al)	TGK42 (order separately)	TM4220CCU
200	32	16	64	30	64	Combination Flush/Surface	Top Bottom	19	1-250 (Cu) 2/0-250 (Al)	Order separately if required	TM3220C64
200	40	20	80	38	80	Combination Flush/Surface	Top Bottom	20	1-250 (Cu) 2/0-250 (Al)	Order separately if required	TM4020C80
225	42	20	0	0	42	Combination Flush/Surface	Top Bottom	14	1-300 (Cu), 2/0-300 (Al)	TGK42 (order separately)	TM4222CCU

¹ Load center includes a factory installed ground bar and add-a-lug. See wiring diagram on page 1-33. A separate TGL2 can be added in the unlikely event that another ground bar is required.

² No lock provision available. Use next size larger load center such as TLM1612CCU with a TDL106 accessory if locking provision is required.

³ Minimum order QTY is 40 for below 24 circuits; QTY 24 for 24 circuits and above. (See DEE-590)

Load Center
1PH
Main Breaker
Outdoor NEMA 3R

Outdoor (NEMA 3R) Enclosure⁴

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	Feed Type	Box Number	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit	Product Number
100	12	5	20	8	22	Top	R3A	4-1/0	⁵	TM1210RCU
100	20	10	0	0	30	Top	R4	4-1/0	TGK24 (order separately)	TM2010RCU
125	12	5	20	8	22	Top	R3A	1-2/0	⁵	TM1212RCU
125	24	12	0	0	24	Top	R4	1-2/0	TGK24 (order separately)	TM2412RCU
150	8	4	16	6	16	Top	R5	1-250 (Cu), 2/0-250 (Al)	TGK24 (order separately)	TM815RCUFL
150	16	8	32	14	32	Top	R5	1-3/0 (Cu), 2/0-3/0 (Al)	TGK24 (order separately) TGK32 (order separately)	TM1615RCU
150	24	12	12	4	30	Top	R6	1-3/0 (Cu), 2/0-3/0 (Al)	TGK24 (order separately) TGK32 (order separately)	TM2415RCU
150	24	12	36	18	42	Top Bottom	R39	1-250 (Cu), 2/0-250 (Al)	TGK24 (order separately)	TM2415R42
150	32	16	0	0	32	Top	R7	1-3/0 (Cu), 2/0-3/0 (Al)	TGK32 (order separately)	TM3215RCU
200	8	4	16	6	16	Top	R5	1-250 (Cu), 2/0-250 (Al)	TGK24 or TGK32 (order separately)	TM820RCUFL
200	20	10	40	18	40	Top	R6	1-250 (Cu), 2/0-250 (Al)	TGK24 (order separately) TGK42 (order separately)	TM2020RCU
200	24	12	36	18	42	Top Bottom	R39	1-250 (Cu), 2/0-250 (Al)	TGK24 (order separately)	TM2420R42
200	32	16	16	6	40	Top	R7	1-250 (Cu), 2/0-250 (Al)	TGK32 (order separately)	TM3220RCU
200	40	20	0	0	40	Top	R8	1-250 (Cu), 2/0-250 (Al)	TGK42 (order separately)	TM4020RCU
225	8	4	16	6	16	Top	R5	1-250 (Cu), 2/0-250 (Al)	TGK24 (order separately)	TM822RCUFL
225	42	20	0	0	42	Top	R8	1-300 (Cu), 2/0-300 (Al)	TGK42 (order separately)	TM4222RCU

⁴ 100-225 amp devices have removable closing caps. Larger ampere devices require field-cut openings. Order hubs separately. See page 1-29.

⁵ Load Center includes a factory installed ground bar and add-a-lug. See wiring diagram on page 1-33. A separate TGK12 or TGK24 can be ordered as accessories.

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

PowerMark Plus™ Load Centers

Three-Phase, Four-Wire, 208Y/120 Vac²
Main Lugs Factory Installed

Load Center
3PH
Main Lugs
Indoor NEMA 1

Product Features

- UL Listed (Panelboards No. 67)
- 60°/75°C Conductor Rating
- Suitable for Use as Service Entrance Equipment when Installed in Accordance with the National Electrical Code
- 22kAIC RMS symmetrical Short-circuit Rating Standard
- Bottom feed models available where noted with a “B” suffix.
- For a listing of CSA Listed load centers, visit electrification.us.abb.com.
- Copper breaker mounting stabs with aluminum bus¹



TL18415C

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 Type	Box Number	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit	Product Number
125	12	6	4	12	Combination Flush/Surface Front	Top Bottom	4	6-2/0	TGK12 (order separately) TGK24 (order separately)	TL12412C ³
150	18	8	6	18	Combination Flush/Surface Front	Top Bottom	7	1-3/0 (Cu), 2/0-3/0 (Al)	TGK24 (order separately) TGK32 (order separately)	TL18415C ³
150	24	12	8	24	Combination Flush/Surface Front	Top Bottom	7	1-3/0 (Cu), 2/0-3/0 (Al)	TGK24 (order separately) TGK32 (order separately)	TL24415C ³
200	18	8	6	18	Combination Flush/Surface Front	Top Bottom	8	1-250 (Cu), 2/0-250 (Al)	TGK32 (order separately)	TL18420C ³
200	30	14	10	30	Combination Flush/Surface Front	Top Bottom	11	1-250 (Cu), 2/0-250 (Al)	TGK32 (order separately)	TL30420C ³
200	42	20	14	42	Combination Flush/Surface Front	Top Bottom	13	1-250 (Cu), 2/0-250 (Al)	TGK42 (order separately)	TL42420C
225	30	14	10	30	Combination Flush/Surface Front	Top Bottom	15	1-300 (Cu), 2/0-300 (Al)	(2) TGL2 (order separately)	TL30422C ⁴
225	42	20	14	42	Combination Flush/Surface Front	Top Bottom	15	1-300 (Cu), 2/0-300 (Al)	(2) TGL2 (order separately)	TL42422C ⁴

¹ Three-phase PowerMark Plus load centers have aluminum bus with copper breaker mounting stabs, providing copper-to-copper contact at breaker stabs.

² Also UL Listed for three-phase, four-wire 240/120 Volts ac delta and three-phase, three-wire 240 Volts ac branch breakers installed.

³ Alternate main breaker: 100 Amp max. THQL (10kAIC), THHQL (22kAIC) three-pole, use retainer THQLRK. See page 1-30.

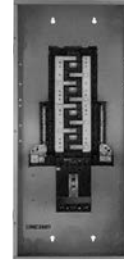
⁴ Not suitable for use as service entrance equipment.

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

PowerMark Plus™ Load Centers

Three-Phase, Four-Wire, 208Y/120Vac

Main Circuit Breaker or Main Lugs Factory Installed



TM24420CB

Load Center
3PH
Main Lugs
Outdoor NEMA 3R

Main Lugs Factory Installed¹

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 ²
150	18	8	6	18	Top	R4	1-3/0 (Cu), 2/0-3/0 (Al)	TGK24 (order separately) TGK32 (order separately)	TL18415R ²
150	24	12	8	24	Top	R4	1-3/0 (Cu), 2/0-3/0 (Al)	TGK24 (order separately) TGK32 (order separately)	TL24415R ²
200	18	8	6	18	Top	R4	1-250 (Cu), 2/0-250 (Al)	TGK32 (order separately)	TL18420R ²
200	30	14	10	30	Top	R6	1-250 (Cu), 2/0-250 (Al)	TGK32 (order separately)	TL30420R ²
200	42	20	14	42	Top	R8	1-250 (Cu), 2/0-250 (Al)	TGK42 (order separately)	TL42420R ³
225	42	20	14	42	Top	R8	1-300 (Cu), 2/0-300 (Al)	TGK42 (order separately)	TL42422R ³

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

² Alternate main breaker 100 Amp max. THQL (10kAIC), THHQL (22kAIC) three-pole, use retainer THQLRK. See page 1-30.

³ Not suitable for use as service entrance equipment.

Load Center
3PH
Main Breaker
Indoor NEMA 1

Main Breaker Factory Installed⁴

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 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 ⁵
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 ⁵
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)	TGK32 (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

⁴ Also UL Listed for three-phase, four-wire 240/120 Volts Hi leg delta and three-phase, three-wire 240 Volts ac branch breakers installed.

⁵ 100 Amp indoor devices UL listed for bottom-feed by installing complete unit upside-down.

This table continued on next page

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

PowerMark Plus™ Load Centers

Three-Phase, Four-Wire, 208Y/120 Vac¹
Main Circuit Breaker Factory Installed



TM42420C

Load Center
3PH
Main Breaker
Indoor NEMA 1

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 Type	Box Number	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit	Product Number
200	30	14	10	30	Combination Flush/Surface Front	Top	12	1-250 (Cu), 2/0-250 (Al)	TGK32 (order separately)	TM30420C
200	30	14	10	30	Combination Flush/Surface Front	Bottom	12	1-250 (Cu), 2/0-250 (Al)	TGK32 (order separately)	TM30420CB
200	42	20	14	42	Combination Flush/Surface Front	Top	14	1-250 (Cu), 2/0-250 (Al)	TGK42 (order separately)	TM42420C
200	42	20	14	42	Combination Flush/Surface Front	Bottom	14	1-250 (Cu), 2/0-250 (Al)	TGK42 (order separately)	TM42420CB
225	42	20	14	42	Combination Flush/Surface Front	Top	15	1-300 (Cu), 2/0-300 (Al)	(2) TGL2 (order separately)	TM42422C
225	42	20	14	42	Combination Flush/Surface Front	Bottom	15	1-300 (Cu), 2/0-300 (Al)	(2) TGL2 (order separately)	TM42422CB

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



TM30420R

Load Center
3PH
Main Breaker
Outdoor NEMA 3R

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
100	18	8	6	18	Top	R4	6-1/0 (Cu), 4-1/0 (Al)	TGK24 (order separately) TGK32 (order separately)	TM18410R
125	30	14	10	30	Top	R7	1-3/0 (Cu), 2/0-3/0 (Al)	TGK32 (order separately)	TM30412R
150	24	12	8	24	Top	R6	1-3/0 (Cu), 2/0-3/0 (Al)	TGK32 (order separately)	TM24415R
150	30	14	10	30	Top	R7	1-3/0 (Cu), 2/0-3/0 (Al)	TGK32 (order separately)	TM30415R
200	30	14	10	30	Top	R7	1-250 (Cu), 2/0-250 (Al)	TGK32 (order separately)	TM30420R
200	42	20	14	42	Top	R8	1-250 (Cu), 2/0-250 (Al)	TGK42 (order separately)	TM42420R
225	42	20	14	42	Top	R8	1-300 (Cu), 2/0-300 (Al)	TGK42 (order separately)	TM42422R

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

PowerMark Gold Load Centers

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

Load Center
Generator Panels
Riser Panels
Spa Panels

Product Features - Generator Panels

- Suitable for use in accordance with Article 702 of the National Electrical Code, ANSI/NFPA 70
- Single-phase, 2 interlock 60A or 30A main breakers, 8 circuits max.
- Safety and convenience when using a generator - 14,000 peak wattage, 11,520 continuous load, 48 amps at 240 volts.
- Maintains power to such critical circuits as those for furnace, pump, refrigerator, lights.
- Connected dual breaker mechanism ensures that only one source is active at a time.



TL412R250GF



TM830FCUGEN

Generator Panels, Two Interlocked Main Breakers 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	Front Type	Feed Type	Box Number	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit	Product Number
30	4	2	8	4	8	Flush Front	Top Bottom	3A	6-1	TGK12 included	TM830FCUGEN
30	4	2	8	4	8	Surface Front	Top Bottom	3A	6-1	TGK12 included	TM830SCUGEN
60	4	2	8	4	8	Flush Front	Top Bottom	3A	6-1	TGK12 included	TM860FCUGEN
60	4	2	8	4	8	Surface Front	Top Bottom	3A	6-1	TGK12 included	TM860SCUGEN

Generator Panels, Two Interlocked Main Breakers 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	Feed Type	Box Number	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit	Product Number
30	4	2	8	4	8	Top	R2A	6-1	TGK12 included	TM830RCUGEN
60	4	2	8	4	8	Top	R2A	6-1	TGK12 included	TM860RCUGEN

Riser Panels

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	Front Type	Feed Type	Box Number	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit	Product Number
125	20	10	40	20	40	Combination Flush/Surface Front	Top	9A	6-2/0	TGK12 (order separately)	TLM2012CCURP
125	12	6	24	10	24	Combination Flush/Surface Front	Top	4A	6-2/0	TGK12 (order separately)	TLM1212CCURP

Tap kits required, order separately. See page 1-32.

Auxiliary gutters available. See page 1-32.

Spa Panels

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	Load Center Type	Feed Type	Box Number	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit	Product Number
125	4	2	8	4	8	Factory Included 50A GFCI	Top Bottom	-	1-2/0	TGL1 installed	TL412R250GF
125	4	2	8	4	8	Factory Included 60A GFCI	Top Bottom	-	1-2/0	TGL1 installed	TL412R260GF

Twist Lock Power Inlets

Receptacles	Amps	Volts	UL	Product Number
L14-20	20	120/240	Canada, US	T020N
L14-30	30	120/240	Canada, US	T030N
CS637	50	120/240	Canada, US	T050N

PowerMark Gold Meter Socket Load Centers

Single-Phase, Three-Wire, 120/240 Vac
With Bonded Neutrals

Meter Socket LC
1PH
Ring Type
Meter Main
NEMA 3R

Designed and manufactured for quality applications, these PowerMark Gold Meter Socket Load Centers are a superior solution to specific applications. Increased durability and reliability, maximum circuit layout flexibility and ease of installation add up to lower total installed cost.

- UL Listed (Panelboards No. UL67)
- Service Barriers included for factory installed main circuit breaker and main circuit breaker kits (required to meet UL67 for service entrance applications)

The Ringless UL Style meter socket load centers (Florida Meter Group, Georgia Power, Others) are specifically designed to meet UL requirements as well as some special features required by specific utilities. If your local utility does not require specific approval and you need a ringless meter socket load center, use the Florida Meter Group style.



TSL210CFCU



TM10RMC

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	Product Number
Meter Main - Ring Type, Field Installed Mains											
100	2	1	4	1	4	Outdoor (NEMA 3R)	Semi-Flush	None	OH/UG	UL EUSERC	TSL210CFCU ¹
100	2	1	4	1	4	Outdoor (NEMA 3R)	Surface ²	None	OH/UG	UL EUSERC	TSL210CSCU ^{1,2,3}
125	4	2	6	3	6	Outdoor (NEMA 3R)	Surface ²	None	OH/UG	UL EUSERC	TSL412CSCU ^{1,2,3}
200	4	2	6	3	6	Outdoor (NEMA 3R)	Semi-Flush	None	OH/UG	UL EUSERC	TSL420CFCU ^{1,4,5}
200	4	2	6	3	6	Outdoor (NEMA 3R)	Surface ²	None	OH/UG	UL EUSERC	TSL420CSCU ^{1,2,3,4}
Meter Main - Factory Installed Mains											
100	0	0	0	0	0	Outdoor (NEMA 3R)	Surface ²	None	OH/UG	UL	TM10RMC ²
125	0	0	0	0	0	Outdoor (NEMA 3R)	Surface ²	None	OH/UG	UL	TM12RMC ²
150	0	0	0	0	0	Outdoor (NEMA 3R)	Surface ²	None	OH/UG	UL	TM15RMC ²
200	0	0	0	0	0	Outdoor (NEMA 3R)	Surface ²	None	OH/UG	UL	TM20RMC ²

¹ Accepts field installed fifth jaw terminal in the 3 or 9 o'clock position. Product number TJAW53; order separately.

² Devices include removable closing cap. Order hub separately. See page 1-29.

³ Surface mounted units have two hub provisions on top end wall.

⁴ THQL and THHQL only, 125 amp max. TQDL is obsolete.

⁵ Restricted

Application Data

Product Number	Box Number	Unit Width (in inches)	Unit Height (in inches)	Depth (in inches)	Factory Inst. Svcs Disc	Field Inst. Svcs Disc	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit
TSL210CFCU	R12	14	23-1/2	4-7/8	-	THQP/THQL	6-2/0	TGL1 installed
TSL210CSCU	R12	14	23-1/2	4-7/8	-	THQP/THQL	6-2/0	TGL1 installed
TSL412CSCU	R12	14	23-1/2	4-7/8	-	THQP/THQL	6-2/0	TGL1 installed
TSL420CFCU	R14	14	30-3/4	5-3/4	-	THQP/THQL	1-250	TGL1 installed
TSL420CSCU	R14	14	30-3/4	5-3/4	-	THQP/THQL	1-250	TGL1 installed
TM10RMC	R32	16	17	⁵	TQD	Field Installed ⁴	2-250	-
TM12RMC	R32	16	17	⁵	TQD	Field Installed ⁴	2-250	-
TM15RMC	R32	16	17	⁵	TQD	Field Installed ⁴	2-250	-
TM20RMC	R32	16	17	⁵	TQD	Field Installed ⁴	2-250	-

PowerMark Gold Meter Socket Load Centers

Single-Phase, Three-Wire, 120/240 Vac
With Bonded Neutrals

Meter Socket LC
1PH
Ring Type
Farm Panel
Main Breaker
NEMA 3R



TSF4020CSCU



TSM420CSCU

Ring Type - Farm Panel - 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	Enclosure Type	Front Type	Bypass Type	UL Incoming	Agency Certification	Product Number
200	4	2	8	3	8	Outdoor (NEMA 3R)	Surface	None	OH/UG	UL EUSERC	TSF420CSCU ^{1,2}

¹ Devices include removable closing cap. Order hub separately. See page 1-29.

² Separate field mounted service disconnect can be added, THQL/THHQL. See wiring diagram on page 1-37.

Application Data

Product Number	Box Number	Unit Width (in inches)	Unit Height (in inches)	Depth (in inches)	Factory Inst. Svcs Disc	Field Inst. Svcs Disc	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit
TSF420CSCU	R16	16-3/4	33	6-3/16	THQMV	THQL/THHQL	1-300	TGK12 (order separately)

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	Enclosure Type	Front Type	Bypass Type	UL Incoming	Agency Certification	Product Number
150	4	2	8	3	8	Outdoor (NEMA 3R)	Surface	None	OH/UG	UL	TSM415CSCU ¹
150	8	4	16	6	16	Outdoor (NEMA 3R)	Surface	None	OH/UG	UL	TSM815CSCU ¹
150	8	4	16	6	16	Outdoor (NEMA 3R)	Surface	None	OH/UG	UL	TSM815CSFL ¹
200	4	2	8	3	8	Outdoor (NEMA 3R)	Surface	None	OH/UG	UL	TSM420CSCU ¹
200	8	4	16	6	16	Outdoor (NEMA 3R)	Surface	None	OH/UG	UL	TSM820CSCU ¹
200	8	4	16	6	16	Outdoor (NEMA 3R)	Surface	None	OH/UG	UL	TSM820CSFL ¹

¹ Devices include removable closing cap. Order hub separately. See page 1-29.

Application Data

Product Number	Box Number	Unit Width (in inches)	Unit Height (in inches)	Depth (in inches)	Factory Inst. Svcs Disc	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit
TSM415CSCU	R36	14	28-1/2	4-1/2	THQMV	6-350	TGL2 included
TSM815CSCU	R16	16-3/4	33	6-3/16	THQMV	1-300	TGK12 (order separately)
TSM815CSFL	R37B	14	31-3/4	4-1/2	THQMV	6-350	TGK24 included
TSM420CSCU	R36	14	28-1/2	4-1/2	THQMV	6-350	TGL2 included
TSM820CSCU	R16	16-3/4	33	6-3/16	THQMV	6-350	TGK12 (order separately)
TSM820CSFL	R37B	14	31-3/4	4-1/2	THQMV	6-350	TGK24 included

PowerMark Gold Meter Socket Load Centers

Single-Phase, Three-Wire, 120/240 Vac
With Bonded Neutrals



TSM1610CSCU

Meter Socket LC
1PH
Ring Type
Narrow, Wide,
Over/Under
Main Breaker
NEMA 3R

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	Enclosure Type	Front Type	Bypass Type	UL Incoming	Agency Certification	Product Number
100	16	8	32	14	32	Outdoor	Semi-Flush	None	OH/UG	UL/EUSERC	TSM1610CFCU ¹
125	12	6	24	12	24	Outdoor	Semi-Flush	None	OH/UG	UL/EUSERC	TSM1212CFCU ¹
125	16	8	32	14	32	Outdoor	Semi-Flush	None	OH/UG	UL/EUSERC	TSM1612CFCU ¹
200	20	10	40	18	40	Outdoor	Semi-Flush	None	OH/UG	UL/EUSERC	TSM2020CFCU ¹
100	16	8	32	14	32	Outdoor	Surface	None	OH/UG	UL/EUSERC	TSM1610CSCU ^{1,2,3}
125	12	6	24	12	24	Outdoor	Surface	None	OH/UG	UL/EUSERC	TSM1212CSCU ^{1,2,3}
125	16	8	32	14	32	Outdoor	Surface	None	OH/UG	UL/EUSERC	TSM1612CSCU ^{1,2,3}
200	20	10	40	18	40	Outdoor	Surface	None	OH/UG	UL/EUSERC	TSM2020CSCU ^{1,2,3}

¹ Accepts field installed fifth jaw terminal in the 3 or 9 o'clock position. Product number TJAW53; order separately.

² Devices include removable closing cap. Order hub separately. See page 1-29.

³ Surface mounted units have two hub provisions on top end wall.

Application Data

Product Number	Box Number	Unit Width (in inches)	Unit Height (in inches)	Depth (in inches)	Factory Inst. Svcs Disc	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit
TSM1610CFCU	R19	14-3/4	28-1/2	7-5/16	THHQL	12-2/0	TGK12 (order separately)
TSM1212CFCU	R19	14-3/4	28-1/2	7-5/16	THHQL	12-2/0	TGK12 (order separately)
TSM1612CFCU	R19	14-3/4	28-1/2	7-5/16	THHQL	12-2/0	TGK12 (order separately)
TSM2020CFCU	R17	16-3/4	34-1/4	7-5/16	THQMV	1-300	TGK12 (order separately)
TSM1610CSCU	R20	14-3/4	27-5/16	5-7/16	THHQL	12-2/0	TGK12 (order separately)
TSM1212CSCU	R20	14-3/4	27-5/16	5-7/16	THHQL	12-2/0	TGK12 (order separately)
TSM1612CSCU	R20	14-3/4	27-5/16	5-7/16	THHQL	12-2/0	TGK12 (order separately)
TSM2020CSCU	R18	14-3/4	33	6-5/16	THQMV	1-300	TGK12 (order separately)

Ring Type - Extra Wide - 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	Enclosure Type	Front Type	Bypass Type	UL Incoming	Agency Certification	Product Number
200	32	16	16	6	40	Outdoor	Surface	None	UG	UL/EUSERC	TSM3220UWCU ²
200	40	20	0	0	40	Outdoor	Surface	None	UG	UL/EUSERC	TSM4020UWCU ²

² Devices include removable closing cap. Order hub separately. See page 1-29.

Application Data

Product Number	Box Number	Unit Width (in inches)	Unit Height (in inches)	Depth (in inches)	Factory Inst. Svcs Disc	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit
TSM3220UWCU	R28	22-1/2	27-7/8	6-1/4	THQMV	1-300	TGK12 (order separately)
TSM4020UWCU	R29	22-1/2	34-7/8	6-1/4	THQMV	1-300	TGK12 (order separately)

Ring Type - Top/Bottom - 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	Enclosure Type	Front Type	Bypass Type	UL Incoming	Agency Certification	Product Number
200	24	12	36	18	42	Outdoor	Semi-Flush	None	UG	UL/EUSERC	TSM2420UF42 ¹
200	32	14	16	6	40	Outdoor	Semi-Flush	None	UG	UL/EUSERC	TSM3220UFCU
225	20	10	40	18	40	Outdoor	Semi-Flush	None	UG	UL/EUSERC	TSM2022UFCU
225	32	14	16	6	40	Outdoor	Semi-Flush	None	UG	UL/EUSERC	TSM3222UFCU
200	24	12	36	18	42	Outdoor	Surface	None	UG	UL/EUSERC	TSM2420US42 ^{1,2,3}
200	32	14	16	6	40	Outdoor	Surface	None	UG	UL/EUSERC	TSM3220USCU ¹
225	20	10	40	18	40	Outdoor	Surface	None	UG	UL/EUSERC	TSM2022USCU ¹
225	32	14	16	6	40	Outdoor	Surface	None	UG	UL/EUSERC	TSM3222USCU ¹

¹ Accepts field installed fifth jaw terminal in the 3 or 9 o'clock position. Product number TJAW53; order separately.

² Devices include removable closing cap. Order hub separately. See page 1-29.

³ Surface mounted units have two hub provisions on top end wall.

Application Data

Product Number	Box Number	Unit Width (in inches)	Unit Height (in inches)	Depth (in inches)	Factory Inst. Svcs Disc	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit
TSM2420UF42	R17	16-3/4	34-1/4	7-5/16	THQMV	1-4/0	TGK12 (order separately)
TSM3220UFCU	R27	14-9/16	43-5/8	7-3/16	THQMV	1-300	TGK12 (order separately)
TSM2022UFCU	R21	14-9/16	43-5/8	7-3/16	THQMV	1-300	TGK12 (order separately)
TSM3222UFCU	R22	16-3/16	48-1/8	7-3/16	THQMV	1-300	TGK12 (order separately)
TSM2420US42	R17	16-3/4	34-1/4	7-5/16	THQMV	1-4/0	TGK12 (order separately)
TSM3220USCU	R27	14-9/16	48-1/8	6-3/16	THQMV	1-300	TGK12 (order separately)
TSM2022USCU	R26	14-9/16	43-5/8	6-3/16	THQMV	1-300	TGK12 (order separately)
TSM3222USCU	R27	14-9/16	48-1/8	6-3/16	THQMV	1-300	TGK12 (order separately)

PowerMark Gold Meter Socket Load Centers

Single-Phase, Three-Wire, 120/240 Vac
With Bonded Neutrals



Meter Socket LC
1PH
Ringless with
Bypass
Xcel Energy
NEMA 3R

TSMB1212CSCU

Ringless with Bypass - Xcel Energy

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	Main Type	Front Type	Bypass Type	UL Incoming	Agency Certification	Product Number
125	4	2	8	3	8	Outdoor NEMA 3R	MLO	Surface	Horn Bypass	OH/UG	Xcel/UL	TSLR412CSCU ¹
125	4	2	6	3	6	Outdoor NEMA 3R	MLO	Surface ¹	Lever Bypass	OH/UG	Xcel/UL	TSLB412CSCU ¹
125	12	6	24	10	24	Outdoor NEMA 3R	MB	Surface	Horn Bypass	OH/UG	Xcel/UL	TSMR1212CSCU ¹
125	12	6	24	12	24	Outdoor NEMA 3R	MB	Surface	Lever Bypass	OH/UG	Xcel/UL	TSMB1212CSCU ¹
150	4	2	8	3	8	Outdoor NEMA 3R	MB	Surface	Horn Bypass	OH/UG	Xcel/UL	TSMR415CSCU
150	20	10	40	18	40	Outdoor NEMA 3R	MB	Surface	Horn Bypass	OH/UG	Xcel/UL	TSMR2015CSCU ¹
150	20	10	40	18	40	Outdoor NEMA 3R	MB	Surface	Lever Bypass	OH/UG	Xcel/UL	TSMB2015CSCU ¹
200	4	2	6	3	6	Outdoor NEMA 3R	MLO	Surface ¹	Lever Bypass	OH/UG	Xcel/UL	TSLB420CSCU ¹
200	4	2	8	3	8	Outdoor NEMA 3R	MLO	Surface	Horn Bypass	OH/UG	Xcel/UL	TSLR420CSCU ¹
200	4	2	8	3	8	Outdoor NEMA 3R	MB	Surface	Horn Bypass	OH/UG	Xcel/UL	TSMR420CSCU
200	20	10	40	18	40	Outdoor NEMA 3R	MB	Surface	Horn Bypass	OH/UG	Xcel/UL	TSMR2020CSCU ¹
200	20	10	40	18	40	Outdoor NEMA 3R	MB	Surface	Lever Bypass	OH/UG	Xcel/UL	TSMB2020CSCU ¹

¹ Devices include removable closing cap. Order hub separately. See page 1-29.

Application Data

Product Number	Box Number	Unit Width (in inches)	Unit Height (in inches)	Depth (in inches)	Factory Inst. Svc's Disc	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit
TSLR412CSCU	R31	14-9/16	33-9/16	6-3/16	Field Installed ²	6-350	TGK12 (order separately)
TSLB412CSCU	R12	14	23-1/2	4-7/8	Field Installed ²	6-350	TGL1 installed
TSMR1212CSCU	R30	14-9/16	40-1/2	6-3/16	THHQL	6-350	TGK12 (order separately)
TSMB1212CSCU	R20	14-3/4	27-5/16	5-7/16	THHQL	12-2/0	TGK12 (order separately)
TSMR415CSCU	R31	14-9/16	33-9/16	6-3/16	THQMV	6-350	TGK12 installed
TSMR2015CSCU	R30	14-9/16	40-1/2	6-3/16	THQMV	6-350	TGK12 (order separately)
TSMB2015CSCU	R18	14-3/4	33	6-5/16	THQMV	1-300	TGK12 (order separately)
TSLB420CSCU	R14	14	30-3/4	5-3/4	Field Installed ²	6-350	TGL1 installed
TSLR420CSCU	R31	14-9/16	33-9/16	6-3/16	Field Installed ²	6-350	TGK12 (order separately)
TSMR420CSCU	R31	14-9/16	33-9/16	6-3/16	THQMV	6-350	TGK12 installed
TSMR2020CSCU	R30	14-9/16	40-1/2	6-3/16	THQMV	6-350	TGK12 (order separately)
TSMB2020CSCU	R18	14-3/4	33	6-5/16	THQMV	1-300	TGK12 (order separately)

² THQL and THHQL only. 125 amp max. TQDL is obsolete.

PowerMark Gold Meter Socket Load Centers

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

With Bonded Neutrals

Meter Socket LC

1PH

Ringless

Georgia Power

Florida Meter Group

Main Breaker

NEMA 3R



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	Enclosure Type	Front Type	Bypass Type	UL Incoming	Agency Certification	Product Number
150	–	–	–	–	–	Outdoor (NEMA 3R)	Surface	None	OH/UG	UL/GP	TSMR015CSGP ^{1,4}
200	–	–	–	–	–	Outdoor (NEMA 3R)	Surface	None	OH/UG	UL/GP	TSMR020CSGP ^{1,4}
150	4	2	8	3	8	Outdoor (NEMA 3R)	Surface	None	OH/UG	UL/GP	TSMR415CSCUGP ^{1,4}
200	4	2	8	3	8	Outdoor (NEMA 3R)	Surface	None	OH/UG	UL/GP	TSMR420CSCUGP ^{1,4}

Application Data

Product Number	Box Number	Unit Width (in inches)	Unit Height (in inches)	Depth (in inches)	Factory Inst. Svc Disc	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit
TSMR015CSGP	R32A	18-7/8	18-9/16	5	THQD	2-250	–
TSMR020CSGP	R32A	18-7/8	18-9/16	5	THQD	2-250	–
TSMR415CSCUGP	R40	14	32	4-1/2	THQMV	6-350	TGL2 included
TSMR420CSCUGP	R40	14	32	4-1/2	THQMV	6-350	TGL2 included

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

Application Data

Product Number	Box Number	Unit Width (in inches)	Unit Height (in inches)	Depth (in inches)	Factory Inst. Svc Disc	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit
TSMR415CSFLFMG	R36A	14	28-1/2	4-1/2	THQMV	6-350	TGL2 included
TSMR420CSFLFMG	R36A	14	28-1/2	4-1/2	THQMV	6-350	TGL2 included
TSMR815CSFLFMG	R37A	14	31-3/4	4-1/2	THQMV	6-350	TKG24 included
TSMR820CSFLFMG	R37A	14	31-3/4	4-1/2	THQMV	6-350	TKG24 included
TSMR2020CSCUFMG	R403	14	34-1/2	4-1/2	THQMV	6-350	TKG24 included

¹ Use FMG unit if Ringless standard UL design is required by your local utility.

² No feed through lugs.

³ Knock outs are the same as R36A.

⁴ Feed-thru lugs provided.

PowerMark Gold Meter Socket Load Centers

Single-Phase, Three-Wire, 120/240 Vac
With Bonded Neutrals

Meter Socket LC
1PH
Class 320
NEMA 3R



TSDA2440UC42

Class 320

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	Product Number
320	24	12	32	14	40	Outdoor NEMA 3R)	Surf/Semi	None	UG	UL	TM2432RMS ^{1,2,3}
400	0	0	0	0	0	Outdoor NEMA 3R)	Surf/Semi	Lever Bypass	UG	UL	TSDR040UFCU ⁴
300	8	4	16	6	16	Outdoor NEMA 3R)	Surface	Lever Bypass	UG	UL FMG	TSDR830USCU ⁴
400	8	4	16	6	16	Outdoor NEMA 3R)	Surface	Lever Bypass	UG	UL FMG	TSDR840UFCU ⁴
400	24	12	32	14	40	Outdoor NEMA 3R)	Surf/Semi	Lever Bypass	UG	UL	TM2440RMRS ^{1,2,3}
400	24	12	32	14	40	Outdoor NEMA 3R)	Surf/Semi	None	UG	UL EUSERC	TM2440RMS ^{1,2,3}
400	24	12	32	14	40	Outdoor NEMA 3R)	Surf/Semi	Lever Bypass	UG	UL Xcel	TMH2440RMRS ^{1,2,3,4}
400	24	12	32	14	40	Outdoor NEMA 3R)	Surf/Semi	None	UG	UL	TMH2440RMS ^{1,2,3,4}
320	0	0	0	0	0	Outdoor NEMA 3R)	Surf/Semi	Lever Bypass	UG	UL	TSD032UFCU ⁴
320	24	12	32	14	42	Outdoor NEMA 3R)	Surf/Semi	Link Bypass	UG	UL EUSERC	TSDA2432UC42 ⁴
400	24	12	32	14	42	Outdoor NEMA 3R)	Surf/Semi	Link Bypass	UG	UL EUSERC	TSDA2440UC42 ⁴

¹ 200A main breaker factory installed. Space provided for field mounted TQD-WL sub feed.

² For semi-flush applications, order surface enclosure load center and field installed kit, Product number SF400.

³ Stud provisions only provided.

⁴ 22 kAIC.

Application Data

Product Number	Ringless	Box Number	Unit Width (in inches)	Unit Height (in inches)	Depth (in inches)	Factory Inst. Main Breaker	Field Inst. Main Breaker	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit
TM2432RMS	No	R24	30-1/4	40	6	TQD	THQL	(1) 800 or (2) 400 compression type; (1) 1000 or (2) compression type; (1) 1000 or (2) 350 pressure type	(2) TGL2 (order separately)
TM2440RMS	No	R24	30-1/4	40	6	TQD	TQD	(1) 800 or (2) 400 compression type; (1) 1000 or (2) 350 pressure type	(2) TGL2 (order separately)
TMH2440RMS	No	R24	30-1/4	40	6	THQD	THQD	(1) 800 or (2) 400 compression type; (1) 1000 or (2) 350 pressure type	(2) TGL2 (order separately)
TSDA2432UC42	No	R24	30-1/4	40	6	THQD	THQL/THHQL	(1) 800 or (2) 400 compression type	(2) TGL2 (order separately)
TSDA2440UC42	No	R24	30-1/4	40	6	THQD	TQD/THQD	(1) 800 or (2) 400 compression type	(2) TGL2 (order separately)
TSD032UFCU	No	R33	30-1/4	33	6-3/32	THQD	THQL/THHQL	(1) 800 or (2) 400 compression type	(2) TGL2 (order separately)
TM2440RMRS	Yes	R24	30-1/4	40	6	TQD	TQD	(1) 800 or (2) 400 compression type; (1) 1000 or (2) 350 pressure type	(2) TGL2 (order separately)
TMH2440RMRS	Yes	R24	30-1/4	40	6	THQD	THQD	(1) 800 or (2) 400 compression type; (1) 1000 or (2) 350 pressure type	(2) TGL2 (order separately)
TSDR040UFCU	Yes	R33	30-1/4	33	6-3/32	THQD	TQD/THQD	(1) 800 or (2) 400 compression type	(2) TGL2 (order separately)
TSDR840UFCU	Yes	R33	30-1/4	33	6-3/32	THQD	TQD/THQD	(1) 800 or (2) 400 compression type	(2) TGL2 (order separately)

PowerMark Gold and Plus Load Centers

Circuit Breakers

Field Installed Accessories

PowerMark Gold Main Circuit Breaker Kit

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

Description	Product Number
Main Circuit Breaker Kit - Order appropriate THQL TQMH0001 10kAIC or THHQL 22kAIC breakers separately. Includes service barriers for use with THQL or THHQL main.	TQMH000 ¹

¹ Please review the footnotes listed with the individual Load Center product numbers 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.



TQMH000

PowerMark Plus™ Equipment Ground Kits

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

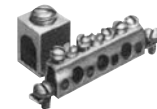
¹ TGL2, TGL4 and TGL8 mount interchangeably

² Add-on Equipment Ground Lug (for use on any TGL Kit)

³ Suitable for use with up to six TPLUG108 lugs or six crimp lugs per pole



TGL2



TGL20 combined with TGL1

PowerMark Gold Equipment Ground and Isolated Ground Bar Kits^{4,5}

Description	Standard Package Quantity	Product Number
4-hole Ground	1	TGK4
12-hole Ground	1	TGK12
24-hole Ground	1	TGK24
32-hole Ground	1	TGK32
42-hole Ground	1	TGK42

⁴ 6-12 circuit indoor load centers use PowerMark Plus style neutrals and grounds

⁵ Add TGKIS for isolated ground and mount to ground kit.



TGK12



TGK12 with TGKIS

PowerMark Gold and Plus Load Centers

Circuit Breakers

Field Installed Accessories

PowerMark Plus™ Neutral Kits

Description	Wire Range	Standard Package Quantity	Product Number
400 & 600 Amp PowerMark Plus™ Neutral Kit	(5) 14-1/0	1	TNLK1 ¹
400 & 600 Amp PowerMark Plus™ Neutral Kit	(3) 1-300	1	TNLK2 ¹
Add-on neutral lug for 100-200 Amp PowerMark Plus load centers	6-2/0	1	286A8894G1
Add-on neutral lug for 100-200 Amp PowerMark Plus load centers	1-300 Cu or 2/0-300 Al	1	192A7663G13

¹ Suitable for use with up to six TPLUG108 lugs or six crimp lugs per pole

PowerMark Gold Neutral Kits

Description	Wire Range	Standard Package Quantity	Product Number
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	Product Number
Neutral/Ground Lug Kit	6-2/0	1	TLK20
Neutral/Ground Lug Kit	6-250	1	TLK250
Neutral/Ground Lug Kit	6-300	1	TLK300

Isolated Ground Bus Bars Equipment Ground Kit

Description	Standard Package Quantity	Product Number
Isolated Ground Bar Kit (order with TGK Equipment Ground Kits)	1	TGKIS
Isolated Ground Bar Feet (Order with TGK8)	1	TGKIS2

Subfeed Lug Kits

Description	Standard Package Quantity	Product Number
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
125A 3 Pole Plug-in	1	THLK3125
225A 3 Pole Plug-in - For use with 3 phase only	1	THLK3225

Sub-feed and Feed-thru Lugs

UL Listed

For use in load centers to economically supply power to a subpanel.

Poles	Ampere Rating	Product Number
2	125	THLK2125
3	125	THLK3125
2	150	THLK2150 ¹
2	200	THLK2200 ¹
3	225	THLK3225 ²

¹ For use with PowerMark Gold load centers only

² For use with three-phase load centers only. Includes mounting base.



192A7663G13



286A8894G1



TNLK20



TLK20



TLK250



TGK12 with TGKIS



THLK2125

PowerMark Gold and Plus Load Centers

Circuit Breakers

Field Installed Accessories

PowerMark Plus™ Main Lug Kits

Description	Wire Range (Cu/Al)	Product Number
150 Amp PowerMark Plus™ Replacement Main Lug kit	2-3/0	THLK150
200 Amp PowerMark Plus™ Replacement Main Lug kit	1-250	THLK200

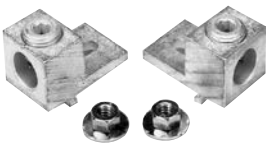


THLK200

PowerMark Gold Main Lug Kits

Description	Wire Range (Cu/Al)	Product Number
125 Amp PowerMark Gold Replacement Main Lug kit	6-2/0	TMLK125
200 Amp PowerMark Gold Replacement Main Lug kit	6-250	TMLK200
225 Amp PowerMark Gold Replacement Main Lug kit	6-300	TMLK225

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



TMLK200

Door Lock

Description	Standard Package Quantity	Product Number
For indoor load centers larger than 12 circuits (Does not fit TPL412)	10	TDL106



TDL106

Circuit Directory

Description	Standard Package Quantity	Product Number
Card and holder with pressure-sensitive backing. Mounts inside the door.	1	TD42



TD42

Touch-up Paint

Description	Standard Package Quantity	Product Number
12 3/4 oz. spray can of light gray enamel	1	TSP61



TSP61

PowerMark Gold and Plus Load Centers

Circuit Breakers

Field Installed Accessories

Front Filler Plates

Description	Standard Package Quantity	Product Number
1/2" Front Filler Plate	100	TFH
1" Front Filler Plate	50	TQLFP1

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



TFH

Universal Raintight Hubs

Description	Base Size (in.)	Standard Package Quantity	Product Number
3/4" Diameter	3	10	TC75
1" Diameter	3	10	TC100
1-1/4" Diameter	3	10	TC125
1-1/2" Diameter	3	10	TC150
2" Diameter	3	10	TC200
2-1/2" Diameter	3	10	TC250
3" Diameter	3	5	TC300
Closing Cap	3	10	TCCP
2" Diameter	4	-	TCU27 ¹
2-1/2" Diameter	4	-	TCU28 ¹
3" Diameter	4	-	TCU30 ¹
3-1/2" Diameter	4	-	TCU35 ¹
4" Diameter	4	-	TCU40 ¹
4" Cover Plate	4	-	TCUP1

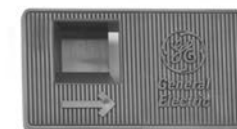
¹ For 40 and 42 circuit units in R8 boxes only.



TC150

Door Handle

Description	Standard Package Quantity	Product Number
Replacement Door Handle Universal	1	TRL22



TRL22

PowerMark Gold Cross Arm

Description	Standard Package Quantity	Product Number
Replacement cross arm for PowerMark Gold load centers	1	LCCROSSARM



LCCROSSARM

PowerMark Gold and Plus Load Centers

Circuit Breakers

Field Installed Accessories

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	Product Number
Travel Trailer Main Breaker Retainer Kit for THQP Breakers	THQP	THQPSBK
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



THQLRK



THQLRK2



THQLRK1



THQLRK3



THQLRK4

Handle Locks - Padlocking

Description	Breaker Type	Product Number
THQP Padlocking Handle Lock	THQP	TQPPL
THQL Padlocking Handle Lock	THQL	THP100
TQD Padlocking Handle Lock	TQD	TQDPLD1

Snap on handle lock
Padlock not included



THL103



Handle Locks - Non Padlocking

Description	Breaker Type	Product Number
THQP Non Padlocking Handle Lock	THQP	TQPL
THQL Non Padlocking Handle Lock	THQL	THL103

Snap on handle lock



THT1



Handle Ties

Description	Breaker Type	Product Number
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 TQC TQL	TQHT1 ¹
Snap-on Handle Tie - Solid	TQB TQC TQL	THT104 ¹
Multiwire Branch Breaker Handle Tie Kits	TQB TQC TQL	TQ3HTK ² TQ4HTK ³

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.



THT104



TQHT1



TQHT1



PowerMark Gold and Plus Load Centers

Circuit Breakers

Field Installed Accessories

Service Barrier Kits for PowerMark Load Centers

- Field installed service barrier kits.
- These kits are normally supplied with service entrance load centers and main circuit breaker kits
- Service Barriers UL listed (Panelboards No. 489) and compliant to UL 67 standards

Description	Product Number
THQL Service Barrier	THQLSB
THQMV Service Barrier Flapper	THQMVSBF
2 or 4 Circuits Service Barrier. For use with: TL240RCU, TL240RCUP, TL270RCU, TL270RCUP, TL240SCU, TL240SCUP, TL270SCU, TL270SCUP	TLSB
TQD Service Barrier	TQDSB
TQD Lug Service Barrier 100-125A Reducer	TQDSBR
TQD/SF Service Barrier Plug	TQDSFSBP



THQLSB



THQMVSBF



TLSB



TQDSB

Service Barrier Kits for PowerMark Meter Socket Load Centers

- Field installed service barrier kits.
- These kits are normally supplied with service entrance load centers and main circuit breaker kits
- Service Barriers UL listed (Panelboards No. 489) and compliant to UL 67 standards

Description	Product Number
MSLC Bus Service Barrier	TSMBSB
MSLC Lug Service Barrier	TSMLSB
MSLC Service Barrier 2P Module	TSMLSB2P
MSLC Lug Service Barrier Bus Filler	TSMLSBF
MSLC Lug Service Barrier Shutter	TSMLSBS
MSLC Lug Service Barrier Reverse Feed	TSMLSBR



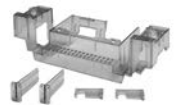
TQDSBR



TQDSFSBP



TSMBSB



TSMLSB

Load Center Hardware Kits Hardware

Description	Standard Package Quantity	Product Number
PowerMark Plus™ hardware kit: TQD THQD Main or THLK main lug kit in a TLM load center, installation instructions and front mounting screws	1	LCHDKIT
Powermark Gold Bond Screw Kit Screw 100 - 200A	1	TBS
Powermark Gold Bond Screw Kit 225A	1	TBS22
Powermark Gold Hardware kit containing 20 front mounting screws	1	THDWRKIT
Powermark Gold Hardware kit containing 10 interior mounting screws	1	THDWRKIT2



TSMLSB2P



TSMLSBF



TSMLSBS



TSMLSBR

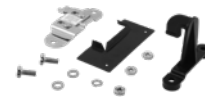
PowerMark Gold and Plus Load Centers

Circuit Breakers

Field Installed Accessories

Generator Interlock Kit

Description	Standard Package Quantity	Product Number
Load Center Generator Interlock Kit	1	THQLLX1
MSLC Generator Interlock Kit	1	THQLLX4
MSLC Generator Interlock Kit	1	THQLLX8CU
MSLC Generator Interlock Kit	1	THQLLX8DR
MSLC Generator Interlock Kit	1	THQLLX8FL



THQLLX1



THQLLX4



THQLLX8FL

PowerMark Gold Auxiliary Gutter Enclosures

Description	Product Number
24" Auxiliary Gutter Enclosure	TMAGB24
28" Auxiliary Gutter Enclosure	TMAGB28
28" Auxiliary Gutter Enclosure Flush	TMAGB28F
33" Auxiliary Gutter Enclosure	TMAGB33
39" Auxiliary Gutter Enclosure	TMAGB39
43" Auxiliary Gutter Enclosure	TMAGB43
43" Deep Auxiliary Gutter Enclosure	TMAGB43D

PowerMark Gold Gutter Tap Kits

Description	Product Number
250 kcmil Lugs Gutter Tap Kit - 3 kits required per single phase, 4 kits required per three phase application	TMGT250
500 kcmil Lugs Gutter Tap Kit - 3 kits required per single phase, 4 kits required per three phase application	TMGT500
750 kcmil Lugs Gutter Tap Kit - 3 kits required per single phase, 4 kits required per three phase application - Not for use with riser panels	TMGT750

Meter Socket Load Center Flange Kits

Description	Product Number
Semi-Flush Kit 400A for MSLC	SF400
Semi-Flush Kit 400A for MSLC Adjustable	SF400A
Semi-Flush Kit 200A for MSLC Adjustable	SF200A

Surge Protectors

Description	Product Number
SurgePro AC 27KA Panel-Mount Surge Protector	THQLSURGE



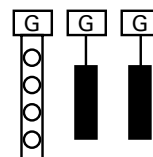
THQLSURGE

PowerMark Gold and Plus Load Centers

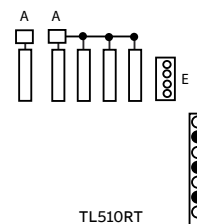
Circuit Breakers Wiring Diagrams

Breaker Symbol	Breaker Fill	
	1" THQL	1/2" THQP
	1	—
	1	2

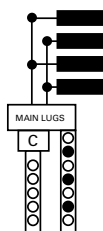
Terminal Symbol	Wire Range (AWG/kcmil)	
	Cu	Al
○	14-8	12-8
●	14-4	12-4
A	6-2	6-2
B	14-1/0	12-1/0
C	6-2/0	6-2/0
D	1-300	2/0-300
E	1-300	1-300
F	6-1	6-1
G	6-3	6-3



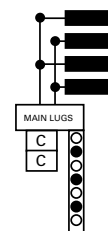
TL240SCU, RCU
TL270SCU, RCU



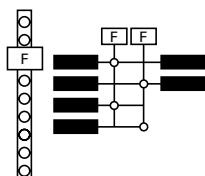
TL510RT



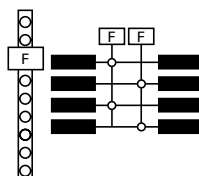
TPL412C, TL412C,
TPL412R, TL412R1,
TL412R2, TL412R250GF,
TL412R260GF



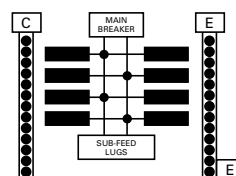
TPL412CT, TL412CT
TPL412RT, TL412RT1



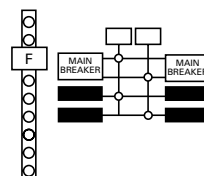
TLM612FCU, SCU
FCUD, SCUD, RCU



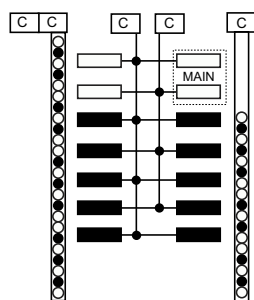
TLM812FCU, SCU,
FCUD, SCUD, RCU



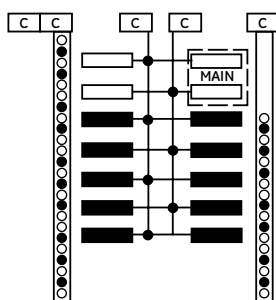
TM815RCUFL
TM820RCUFL



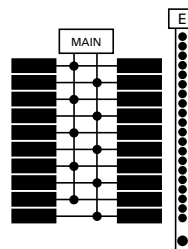
TM860FCUGEN, TLM830FCUGEN,
TM860SCUGEN, TLM830SCUGEN,
TM860RCUGEN, TLM830RCUGEN



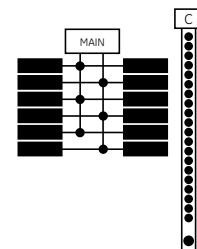
TM1210CCU, TM1212CCU,
TLM1212CCU



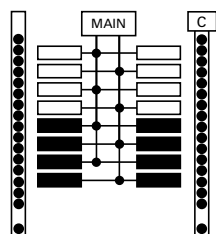
TM1210RCU, TM1212RCU,
TLM1212RCU



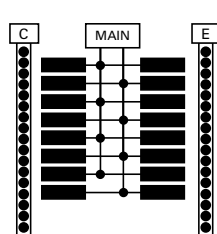
TLM2012CCURP



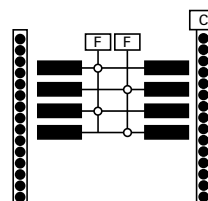
TLM1212CCURP



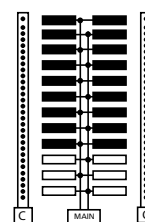
TLM1612CCU,
TM1612CCU, TM1612RCU



TM1615CCU, TM1615RCU, TM1620CCU,
TLM1620CCU, TLM1620RCU



TLM812RCU2



TM2420R42B

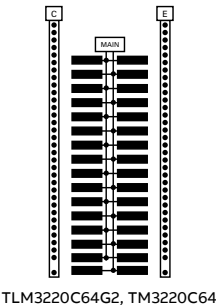
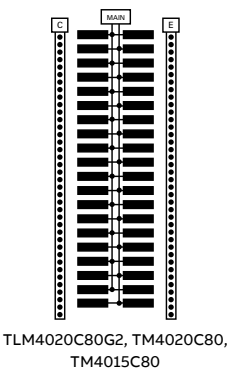
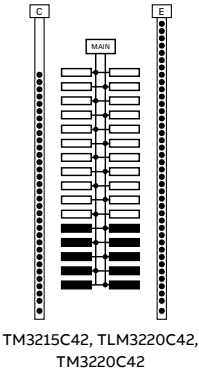
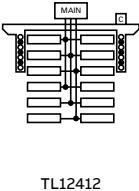
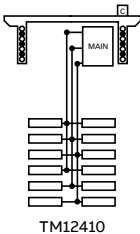
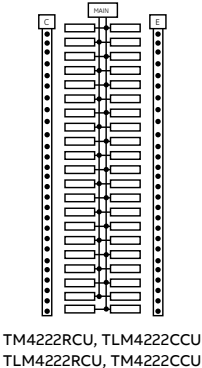
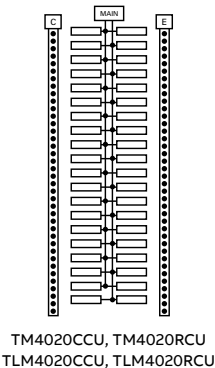
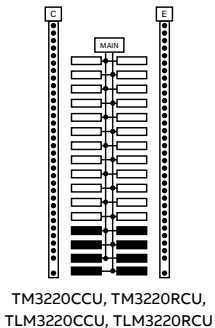
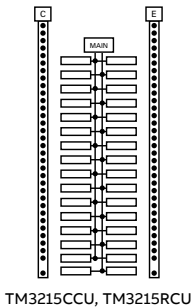
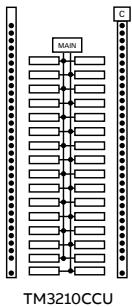
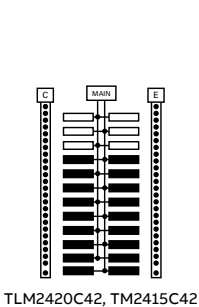
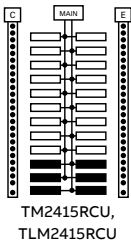
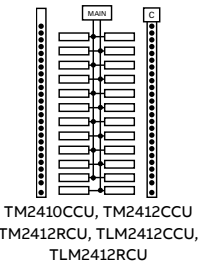
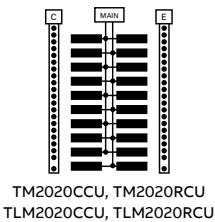
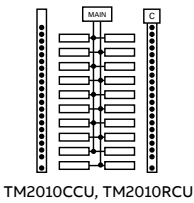
PowerMark Gold and Plus Load Centers

Circuit Breakers

Wiring Diagrams

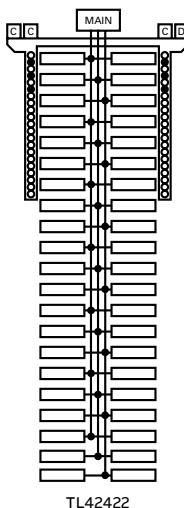
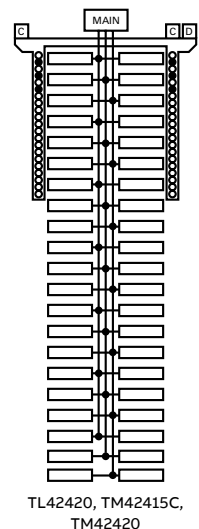
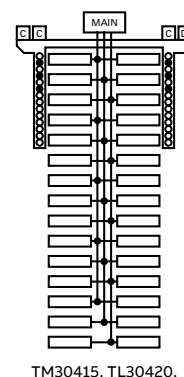
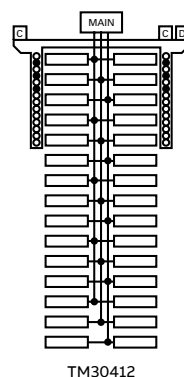
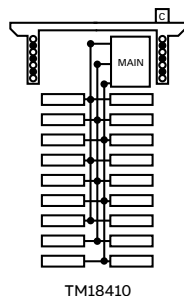
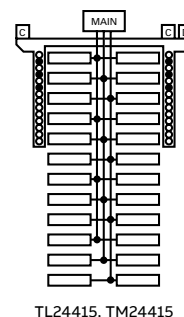
Breaker Symbol	Breaker Fill	
	1" THQL	1/2" THQP
	1	—
	1	2

Terminal Symbol	Wire Range (AWG/kcmil)	
	Cu	Al
	14-8	12-8
	14-4	12-4
	6-2	6-2
	14-1/0	12-1/0
	6-2/0	6-2/0
	1-300	2/0-300
	1-300	1-300
	6-1	6-1
	6-3	6-3



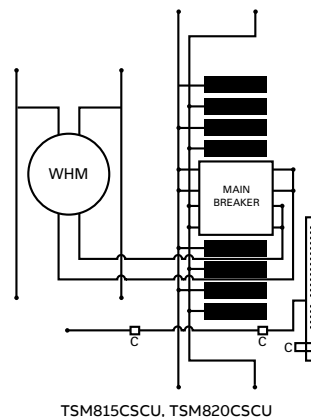
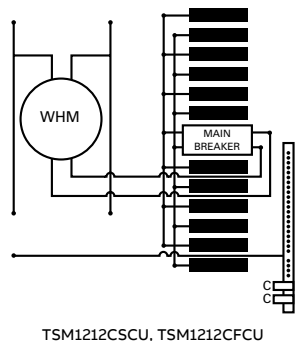
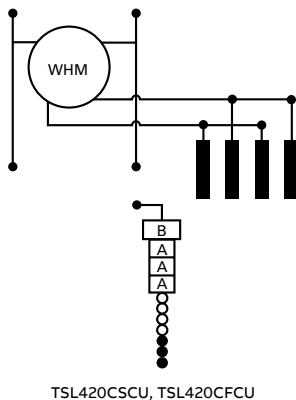
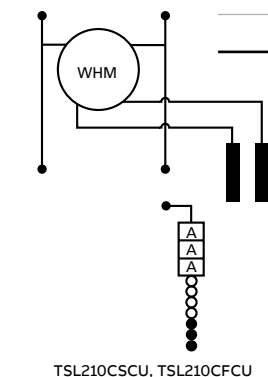
Circuit Breakers Wiring Diagrams

Terminal Symbol	Wire Range (AWG/kcmil)	
	Cu	Al
○	14-8	12-8
●	14-4	12-4
A	6-2	6-2
B	14-1/0	12-1/0
C	6-2/0	6-2/0
D	1-300	2/0-300
E	1-300	1-300
F	6-1	6-1
G	6-3	6-3



Circuit Breakers Wiring Diagrams

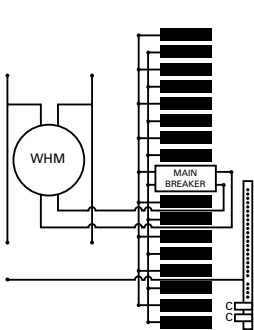
Terminal Symbol	Wire Range (AWG/kcmil)	
	Cu	Al
○	14-8	12-8
●	14-4	12-4
A	6-2	6-2
B	14-1/0	12-1/0
C	6-2/0	6-2/0
D	1-300	2/0-300
E	1-300	1-300
F	6-1	6-1
G	6-3	6-3



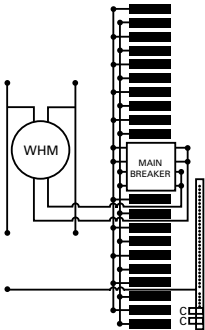
PowerMark Gold and Plus Load Centers
Circuit Breakers
Wiring Diagrams

Breaker Symbol	Breaker Fill	
	1" THQL	1/2" THQP
	1	—
	1	2

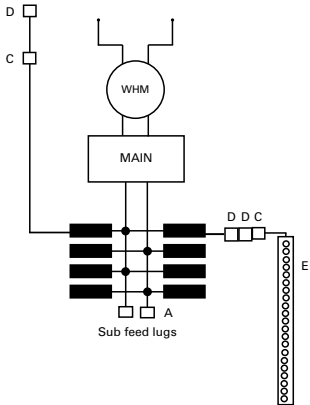
Terminal Symbol	Wire Range (AWG/kcmil)	
	Cu	Al
○	14-8	12-8
●	14-4	12-4
A	6-2	6-2
B	14-1/0	12-1/0
C	6-2/0	6-2/0
D	1-300	2/0-300
E	1-300	1-300
F	6-1	6-1
G	6-3	6-3



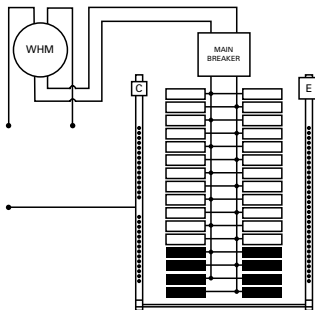
TSM1610CSCU, TSM1610CFCU,
TSM1612CFCU, TSM1612CSCU



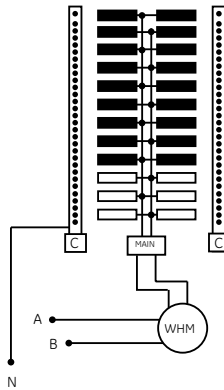
TSM2020CSCU, TSM2020CFCU



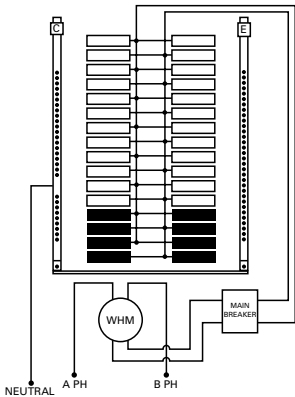
TSM815CSFL, TSM820CSFL, TSMF815CSFL,
TSMF820CSFL, TSMR815CSFLFMG,
TSMR820CSFLFMG



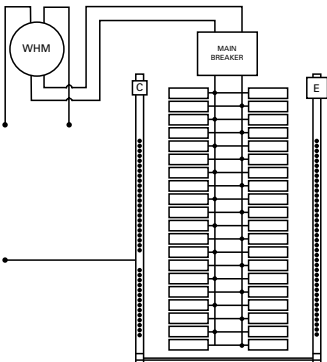
TSM3220UWCU



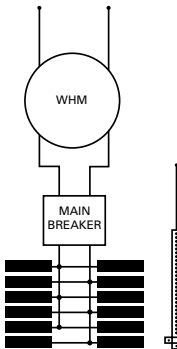
TSM2420UF42



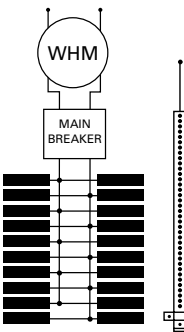
TSM3220USCU, TSM3220UFCU,
TSM3222USCU, TSM3222UFCU



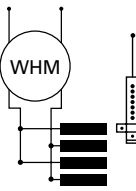
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TSMR1212CSCU, TSMB1212CSCU



TSMR2020CSCU, TSMR2015CSCU,
TSMB2020CSCU, TSMB2015CSCU



TSLR420CSCU, TSLR412CSCU,
TSLB412CSCU, TSLB420CSCU

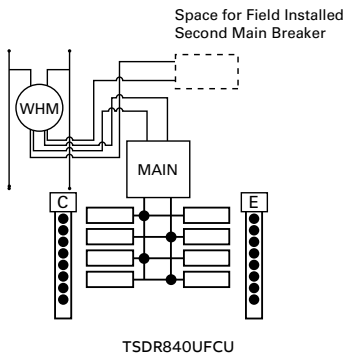
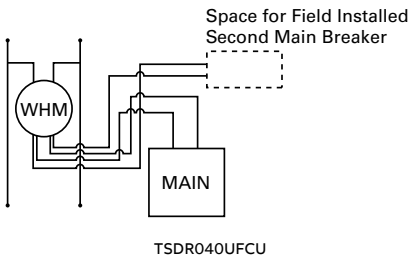
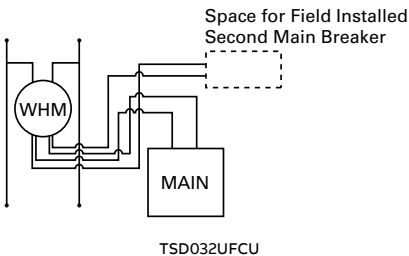
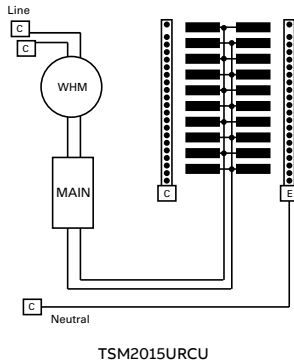
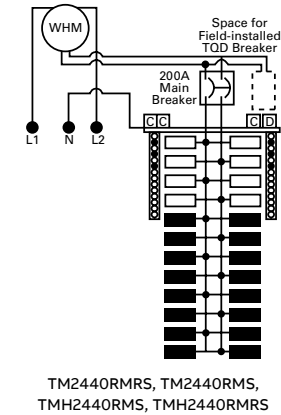
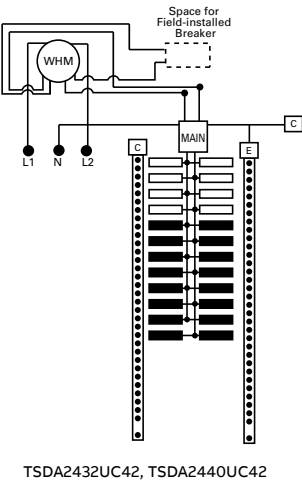
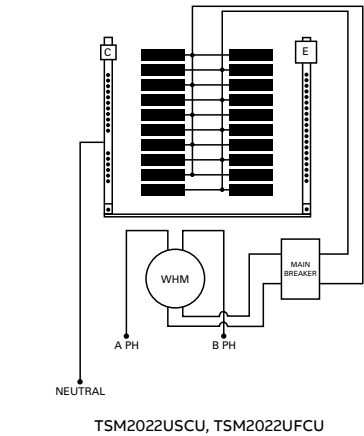
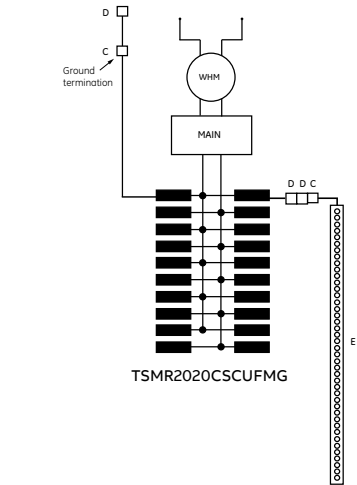
PowerMark Gold and Plus Load Centers

Circuit Breakers

Wiring Diagrams

Breaker Symbol	Breaker Fill	
	1" THQL	1/2" THQP
	1	—
	1	2

Terminal Symbol	Wire Range (AWG/kcmil)	
	Cu	Al
	14-8	12-8
	14-4	12-4
	6-2	6-2
	14-1/0	12-1/0
	6-2/0	6-2/0
	1-300	2/0-300
	1-300	1-300
	6-1	6-1
	6-3	6-3



PowerMark Gold and Plus Load Centers

Circuit Breakers

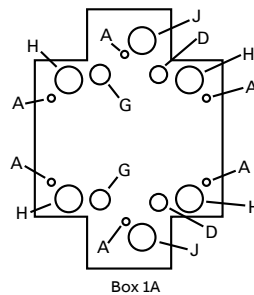
Indoor Enclosures

Knockouts

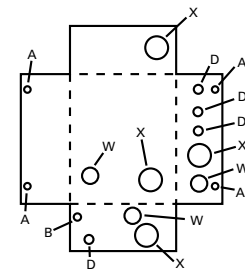
Symbol	A	•	B	C	D	E	F	G	H	I	J	K	L	M	N	P	Q	R	S	T	U	V	W	X	Y	Z
Conduit Size in inches	5/16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	3/8	3/8	3/8	3/8	3/8	3/8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1/2
	—	—	—	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	—	—	—	3/4	—	—	—	3/4	—	—	3/4	—	3/4	3/4
	—	—	—	—	1	1	1	1	1	1	1	1	1	1	—	1	1	—	—	1	—	—	1	—	1	1
	—	—	—	—	—	—	1 1/4	—	1 1/4	1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	—	—	—	1 1/4	1 1/4	—	—	—	1 1/4	1 1/4	—
	—	—	—	—	—	—	1 1/2	1 1/2	1 1/2	—	—	1 1/2	1 1/2	1 1/2	1 1/2	—	1 1/2	1 1/2	1 1/2	—	—	—	—	1 1/2	1 1/2	1 1/2
	—	—	—	—	—	—	—	2	2	—	—	—	—	2	2	2	2	2	2	—	2	2	—	—	2	2
	—	—	—	—	—	—	—	2 1/2	2 1/2	—	—	—	—	—	—	2 1/2	2 1/2	2 1/2	2 1/2	—	2 1/2	2 1/2	—	—	2 1/2	2 1/2
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	—	3	3	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3 1/2	3 1/2	3 1/2	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	—	—	—	—	—

Dimensions (in inches)

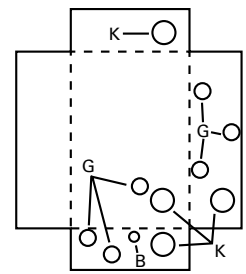
Box No.	Width	Height	Depth
1A	5 11/16	10 1/4	3 3/8
2	7 1/2	9 7/32	3 5/16
2A	7 1/4	9	3
3A	11 9/16	11 3/8	3 3/8
4	14	19	3 3/4
4A	14	19	3 3/4
6	14	23	3 3/4
7	14	24 11/16	3 3/4
8	14	26 7/16	3 3/4
9	14	28 7/16	3 3/4
9A	14	28 7/16	3 3/4
11	14	33 3/16	3 3/4
12	14	35 7/16	3 3/4
13	14	39 3/16	3 3/4
14	14	43 7/16	3 3/4
15	14	43 7/16	4 5/8
16	16	45 1/8	5 13/16
17	20	59 7/8	6 3/32
18	14	16	3 3/8
19	15 3/8	36 4/5	3 3/4
20	15 3/8	40 5/9	3 3/4



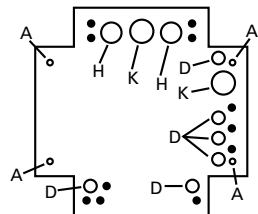
Box 1A



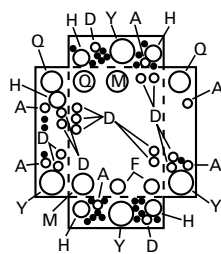
Box 2



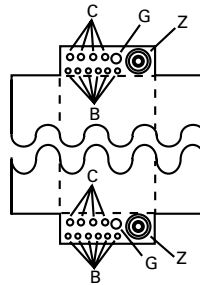
Box 2A



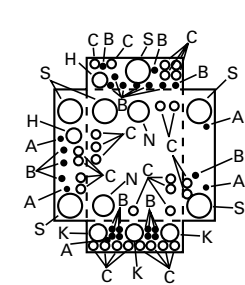
Box 3A



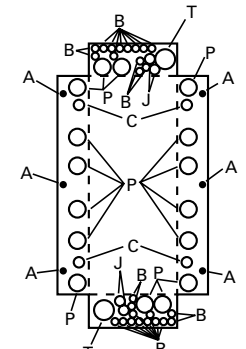
Box 4, 6, 7, 8, 9, 11, 12, 13, 14



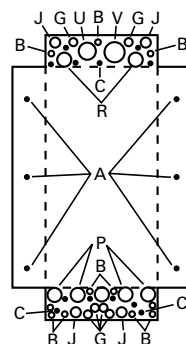
Box 4A, 9A



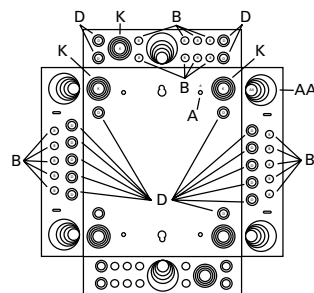
Box 15



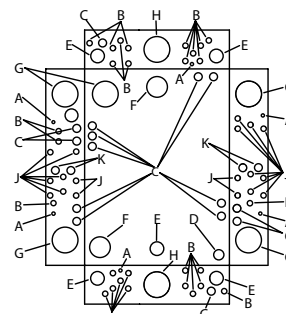
Box 16



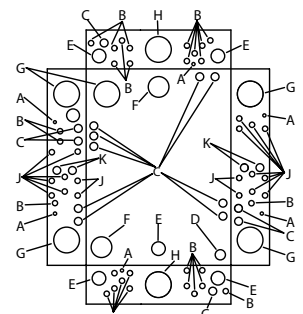
Box 17



Box 18



Box 19



Box 20

PowerMark Gold and Plus Load Centers

Circuit Breakers

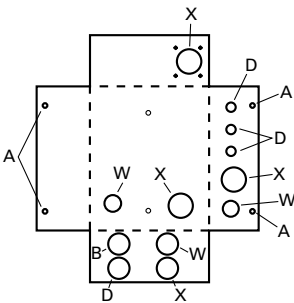
Outdoor Enclosures

Knockouts

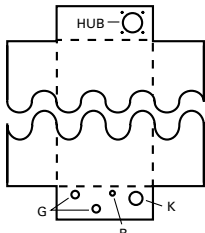
Symbol	A	•	B	C	D	E	F	G	H	I	J	K	L	M	N	P	Q	R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD
Conduit Size in inches	-	-	-	-	-	-	-	-	-	9/32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	3/8	-	3/8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	1/2	1/2	1/2	1/2	-	1/2	1/2	1/2	-	-	-	-	-	-	-	-	-	1/2	-	-	-	-	-	-	1/2	-	-	1/2	1/2
	9/16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/2	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	3/4	3/4	3/4	3/4	3/4	3/4	-	3/4	3/4	-	-	3/4	-	3/4	-	3/4	-	-	-	3/4	-	-	3/4	-	3/4	3/4	-
	-	-	-	-	-	-	1	1	1	-	1	1	1	1	-	1	1	-	1	-	1	-	1	-	1	-	-	1	1	-
	-	-	-	-	-	-	1 1/4	-	1 1/4	-	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	-	1 1/4	1 1/4	-	1 1/4	-	-	1 1/4	1 1/4	1 1/4	-	1 1/4	1 1/4	-
	-	-	-	-	-	-	1 1/2	-	-	-	-	1 1/2	1 1/2	1 1/2	1 1/2	-	1 1/2	1 1/2	1 1/2	-	-	-	-	1 1/2	1 1/2	1 1/2	-	1 1/2	1 1/2	1 1/2
	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	2	-	2	2	2	-	2	2	-	2	2	2
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2 1/2	2 1/2	2 1/2	2 1/2	-	2 1/2	2 1/2	-	2 1/2	-	2 1/2	-	2 1/2	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	3	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3 1/2	3 1/2	3 1/2	-	-	-	3 1/2	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	4	-	-	-

Dimensions (in inches)

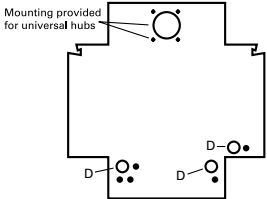
Box No.	Width	Height	Depth
R1	7 1/2	9 7/32	3 5/16
R1A	7 1/4	10	3 3/4
R1B	7 3/8	13	3 3/4
R2A	11 1/4	11 1/8	3 1/4
R3A	13	21 1/2	5
R3	12 1/2	21 3/16	4 5/8
R4A	14 11/16	30 3/16	5 1/4
R4	14	33 3/16	4 5/8
R5A	13	29	5
R5	12 1/2	28 11/16	4 5/8
R6A	13	33	5
R6	14	35 7/16	4 5/8
R7A	14 11/16	34 3/16	5 1/4
R7	14	39 3/16	4 5/8
R8A	14 21/32	43 1/4	6 13/32
R8	14	43 11/16	5 3/4
R9	16	45 15/16	5 27/32
R10	20	48 15/16	6 7/8
R11	20	59 15/16	6 7/8
R41	7 1/2	13 1/4	4



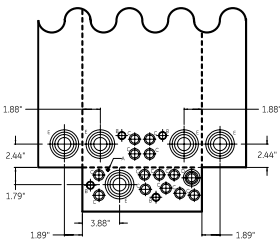
Box R1



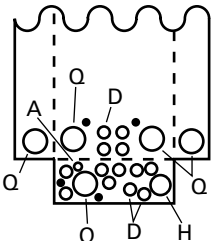
Box R1A



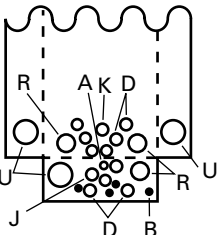
Box R2A



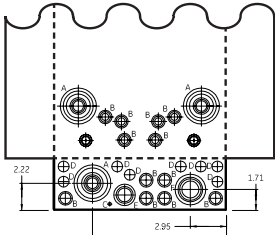
Box R3A, R5A, R6A



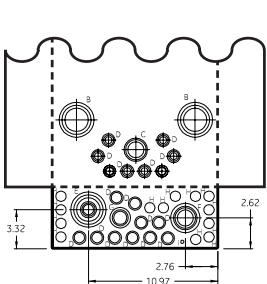
Box R3, R4, R5, R6, R7



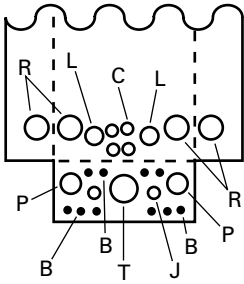
Box R8



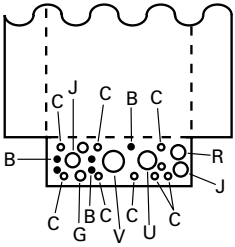
Box R4A, R7A



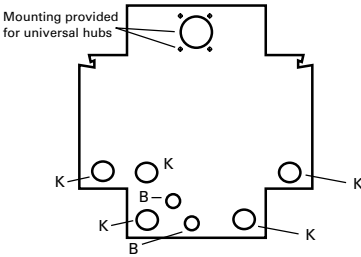
Box R8A



Box R9



Box R10, R11



Box R41

PowerMark Gold and Plus Load Centers

Circuit Breakers

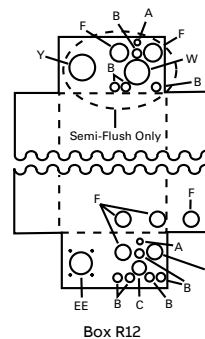
Meter Socket Load Centers

Knockouts

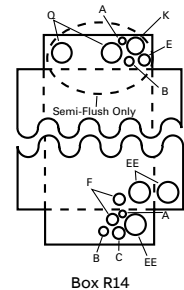
Symbol	A	•	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD	EE	FF
Conduit Size in inches	5/32	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	–	3/8	–	3/8	–	–	3/8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	–	1/2	1/2	1/2	1/2	–	1/2	1/2	1/2	–	–	–	–	–	–	–	–	1/2	–	–	–	–	–	–	1/2	–	–	1/2	1/2	1/2	–
	–	–	–	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	–	–	3/4	–	3/4	–	3/4	–	–	–	3/4	–	3/4	3/4	–	3/4	3/4	–	3/4	–
	–	–	–	–	–	–	1	1	1	1	1	1	1	–	1	1	–	–	1	–	–	1	–	1	–	–	1	1	–	1	–
	–	–	–	–	–	–	1 1/4	–	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	–	1 1/4	1 1/4	–	–	–	1 1/4	1 1/4	1 1/4	–	1 1/4	1 1/4	–	1 1/4	1 1/4
	–	–	–	–	–	–	1 1/2	–	–	–	–	1 1/2	1 1/2	1 1/2	1 1/2	–	1 1/2	1 1/2	1 1/2	–	–	–	1 1/2	1 1/2	1 1/2	–	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
	–	–	–	–	–	–	–	–	–	–	–	–	2	2	2	2	2	2	–	2	2	–	2	2	–	2	2	2	2	2	2
	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2 1/2	2 1/2	2 1/2	2 1/2	–	2 1/2	2 1/2	–	–	2 1/2	–	2 1/2	–	–	2 1/2	2 1/2	2 1/2
	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3	3	–	–	–	–	3	–	–	–	–	–
	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3 1/2	3 1/2	3 1/2	–	–	–	–	3 1/2	–	–	–	–	–
	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4	–	–	–	–	4	–	–	–	–	–

Dimensions (in inches)

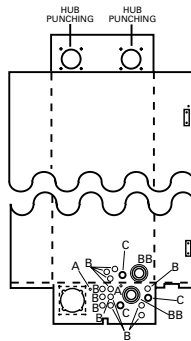
Box No.	Width	Height	Depth
R12	14	23 1/2	4 7/8
R14	14	30 3/4	5 3/4
R15	16 3/4	33	6 3/16
R16	16 3/4	33	6 3/16
R17	16 3/4	34 1/4	7 5/16
R18	14 3/4	33	6 5/16
R19	16 3/4	28 1/2	7 5/16
R20	14 3/4	27 5/16	5 7/16
R21	14 9/16	43 5/8	7 3/16
R22	16 3/16	48 1/8	7 3/16
R23	30 1/4	40	6
R24	30 1/4	40	6



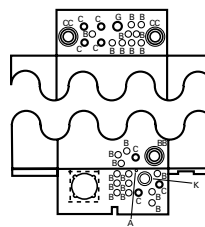
Box R12



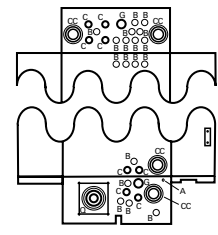
Box R14



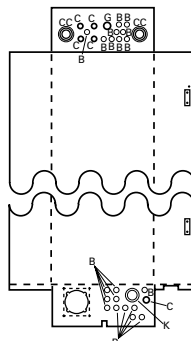
Box R16



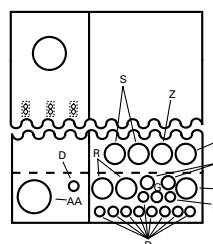
Box R17, R18



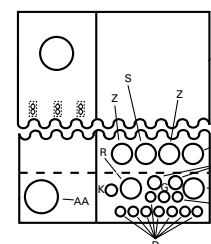
Box R19, R20



Box R21, R22



Box R23



Box R24

PowerMark Gold and Plus Load Centers

Circuit Breakers

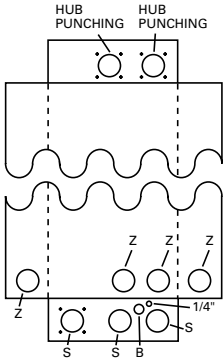
Meter Socket Load Centers

Knockouts

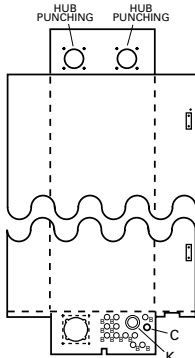
Symbol	A	•	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD	EE	FF
Conduit Size in inches	5/32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	3/8	-	3/8	-	-	3/8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	1/2	1/2	1/2	1/2	-	1/2	1/2	1/2	-	-	-	-	-	-	-	-	1/2	-	-	-	-	-	-	1/2	-	-	1/2	1/2	1/2	-
	-	-	-	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	-	-	3/4	-	3/4	-	3/4	-	-	-	3/4	-	3/4	3/4	-	3/4	3/4	-	3/4	-
	-	-	-	-	-	-	1	1	1	1	1	1	1	-	1	1	-	-	1	-	-	1	-	1	-	-	1	1	-	1	-
	-	-	-	-	-	-	1 1/4	-	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	-	1 1/4	1 1/4	-	-	-	1 1/4	1 1/4	1 1/4	4-	1 1/4	1 1/4	-	1 1/4	1 1/4
	-	-	-	-	-	-	1 1/2	-	-	-	1 1/2	1 1/2	1 1/2	1 1/2	-	1 1/2	1 1/2	1 1/2	1 1/2	-	-	-	1 1/2	1 1/2	1 1/2	2-	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	-	2	2	-	-	2	2	-	2	2	2	2	2
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2 1/2	2 1/2	2 1/2	2 1/2	-	2 1/2	2 1/2	-	-	2 1/2	-	2 1/2	-	-	2 1/2	2 1/2
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	-	-	3	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3 1/2	3 1/2	3 1/2	-	-	-	3 1/2	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	4	-	-	-	-	-

Dimensions (in inches)

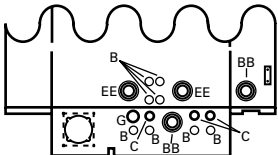
Box No.	Width	Height	Depth
R25	14	26	4 1/2
R26	14 9/16	43 5/8	6 3/16
R27	14 9/16	48 1/8	6 3/16
R28	22 1/2	27 7/8	6 1/4
R29	22 1/2	34 7/8	6 1/4
R30	14 9/16	40 1/2	6 3/16
R31	14 9/16	33 9/16	6 3/16
R32	16	17	5
R32A	18 7/8	18 9/16	5
R40	14	32	4 1/2



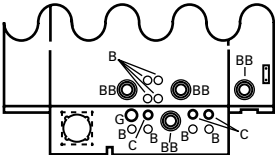
Box R25



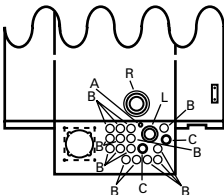
Box R26, R27



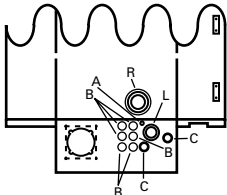
Box R28



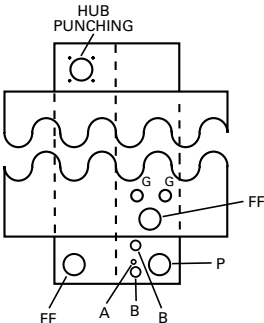
Box R29



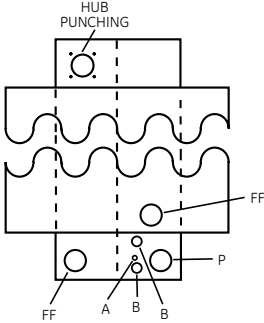
Box R30



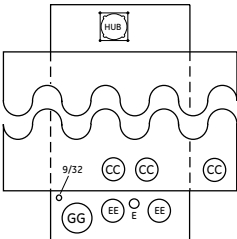
Box R31



Box R32



Box R32A



Box R40

PowerMark Gold and Plus Load Centers

Circuit Breakers

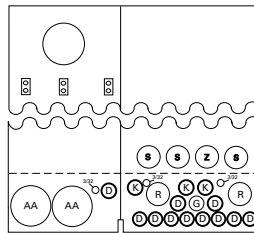
Meter Socket Load Centers

Knockouts

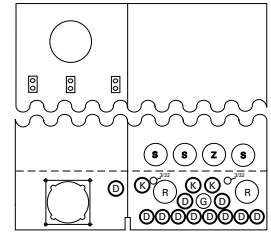
Symbol	A	•	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD	EE	FF	GG	
Conduit Size in inches	5/32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	—	3/8	—	3/8	—	—	3/8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	—	1/2	1/2	1/2	1/2	—	1/2	1/2	1/2	—	—	—	—	—	—	—	—	1/2	—	—	—	—	—	—	1/2	—	—	1/2	1/2	1/2	—	—	
	—	—	—	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	—	—	3/4	—	3/4	—	3/4	—	—	—	3/4	—	3/4	3/4	—	3/4	3/4	—	3/4	—	—	
	—	—	—	—	—	—	1	1	1	1	1	1	1	—	1	1	—	—	1	—	—	1	—	1	—	—	1	1	—	1	—	—	
	—	—	—	—	—	—	1 1/4	—	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	—	1 1/4	1 1/4	—	—	—	1 1/4	1 1/4	1 1/4	4—	1 1/4	1 1/4	—	1 1/4	1 1/4	1 1/4	
	—	—	—	—	—	—	1 1/2	—	—	—	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	—	—	—	1 1/2	1 1/2	1 1/2	2—	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	
	—	—	—	—	—	—	—	—	—	—	—	—	2	2	2	2	2	2	2	—	2	2	—	2	2	—	2	2	2	2	2	2	2
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2 1/2	2 1/2	2 1/2	2 1/2	—	—	2 1/2	2 1/2	—	2 1/2	—	2 1/2	—	—	2 1/2	2 1/2	2 1/2	2 1/2	
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	3	—	—	—	3	—	—	—	—	—	3	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3 1/2	3 1/2	3 1/2	—	—	—	3 1/2	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	—	—	—	—	4	—	—	—	—	—	—	—

Dimensions (in inches)

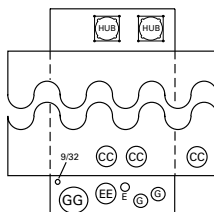
Box No.	Width	Height	Depth
R33	30 1/4	33	6 3/32
R34	30 1/4	40	6 3/32
R35	30 1/4	47	6 3/32
R36	14	28 1/2	4 1/2
R37	14	31 3/4	4 1/2
R38	14	49 1/2	10
R39	14	31 11/16	4 5/8
R40	14	32	4 1/2



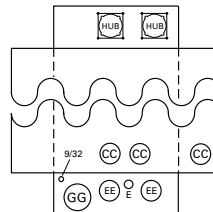
Box R33



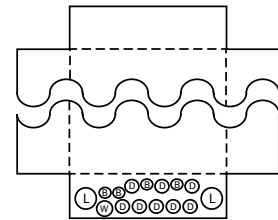
Box R34, R35



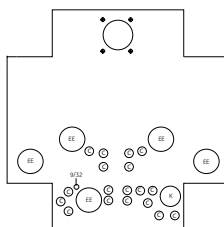
Box R36A, R37A



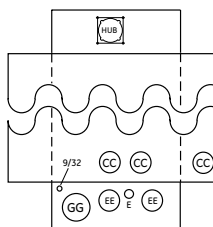
Box R36B, R37B



Box R38



Box R39



Box R40



Notes

Lined area for notes, consisting of multiple horizontal lines.