

Load Centers and Circuit Breakers

Section 1

| | |
|---|------|
| Q-Line Circuit Breakers– Product Features and Benefits..... | 1-2 |
| PowerMark Gold Load Centers— | |
| Product Features and Benefits | 1-3 |
| PowerMark Gold and Plus Load Centers— | |
| Product Number Guides..... | 1-4 |
| Q-Line Plug-in Circuit Breakers..... | 1-5 |
| Special Purpose Circuit Breakers..... | 1-6 |
| PowerMark Gold and Plus Single-Phase Load Centers— | |
| Main Lug Convertible to Main Breaker..... | 1-9 |
| Main Breaker Factory Installed | 1-12 |
| PowerMark Plus™ Three-Phase Load Centers— | |
| Main Circuit Breakers or Main Lugs Factory Installed | 1-14 |
| PowerMark Gold Load Centers—Specialty Panels..... | 1-17 |
| PowerMark Gold Meter Socket Load Centers | 1-18 |
| Field Installed Accessories..... | 1-24 |
| Wiring Diagrams | 1-30 |
| Load Centers and Meter Socket Load Centers— | |
| Knockouts..... | 1-37 |



Load Centers and Circuit Breakers

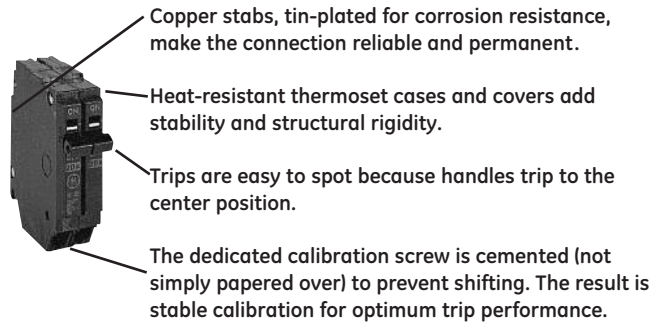
Q-Line Circuit Breakers

Section 1

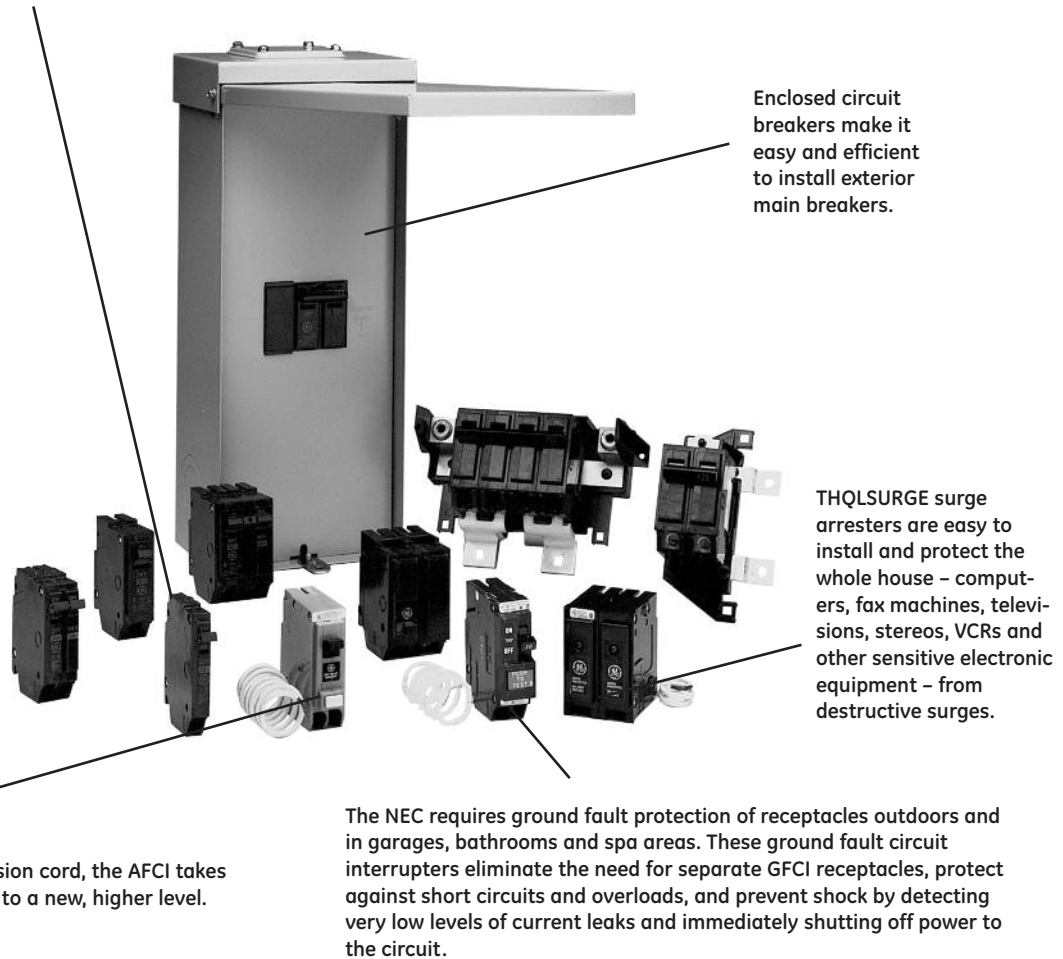
Reliability and Economy

Special Purpose Circuit Breakers

- PowerMark Gold Main Circuit Breakers
- Arc Fault Circuit Interrupter
- CB3 Ground Fault Circuit Interrupter
- Switching Neutral
- HID Lighting Breaker
- High Magnetic Breaker
- Molded Case Switch
- Surge Arrester
- TQ Breaker



At 1/2", THQP breakers are half the width of standard breakers, permitting the use of smaller load centers that save money and space in both new construction and service upgrades. They feature the same high-performance design, and meet the same stringent standards as other Q-Line breakers. Our 1" THQL will remain the breaker of choice for many contractors. In applications where space and cost are not critical, they're an excellent choice. But when size and money are driving considerations, THQP breakers are the smart choice.



Load Centers and Circuit Breakers

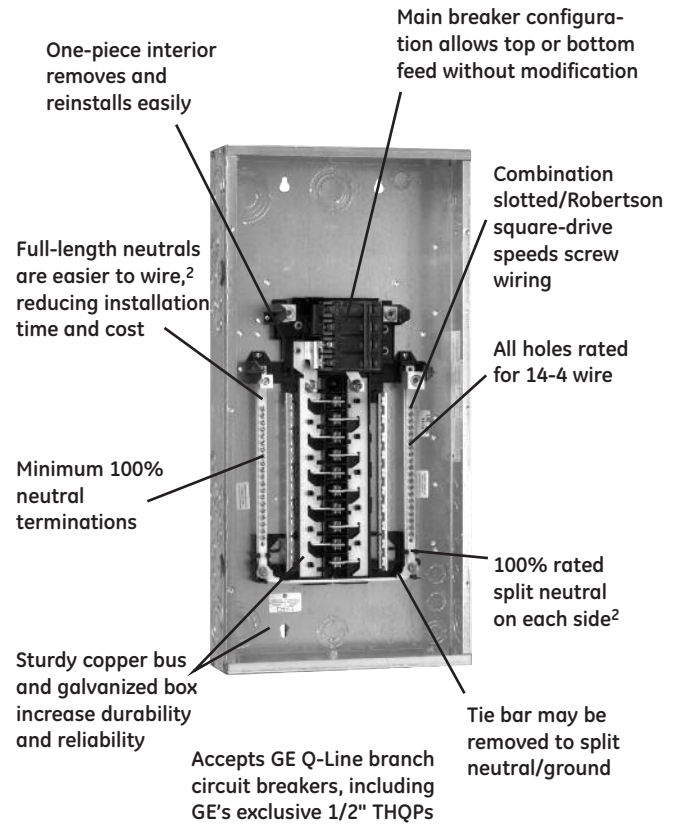
PowerMark Gold Load Centers

Highest Quality and Convenience

Section 1

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)
- 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



Packaging features comprehensive selection and application data. Fronts are packed in inner cartons for added protection during shipment and at the job site.



A complete family of meter socket load centers — ring style and ringless, wide and narrow, meter mains, farm panels and more — deliver specialized solutions for special situations.

Main lug load centers offer an economical solution for subpanels and similar applications. All main lug units 125A and above convert easily to main breaker.

The PowerMark Gold line includes a wide range of outdoor as well as indoor units.

GE's residential load centers reach into commercial applications as well, with riser panels, auxiliary gutters, three-phase units with standard 22kAIC ratings, and all the accessories needed to complete the job.

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
- GE AC disconnects

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

²16 circuit and above.



Load Centers and Circuit Breakers

PowerMark Gold and Plus Load Centers

Section 1

Product Number Guides

Product Number Guide for Load Centers

(Product number for illustrative purposes only)

| | | | | | | | |
|---|----------|-----------|----------|-----------|----------|--|----------|
| T | M | 42 | 4 | 20 | C | CU | B |
| GE Identification | | | | | | | |
| Type | | | | | | | |
| M = Main breaker | | | | | | | |
| L = Main lug | | | | | | | |
| LM = Convertible | | | | | | | |
| PL = Main lug (Thermoplastic) | | | | | | | |
| Maximum Number 1" Spaces | | | | | | | |
| 2, 4, 6...42 | | | | | | | |
| Insert for 3-Phase 4-Wire Load Centers | | | | | | | |
| | | | | | | Insert for Specials G or T = Factory installed ground bar B = Bottom feed main breaker FL = Factory installed feed-through lugs D = Optional door for 6-8 circuit panel. (Doors standard on all units 12 circuits or greater) W = White Front | |
| | | | | | | Insert for PowerMark Gold CU = Copper Bus 42 = Copper Bus Full 42 circuit panel | |
| | | | | | | Enclosure Type C = Combination surface/flush F = Flush S = Surface R = Outdoor | |
| | | | | | | Bus Ampere Rating 40 = 40 Amps 20 = 200 Amps 70 = 70 Amps 22 = 225 Amps 10 = 100 Amps 30 = 300 Amps 12 = 125 Amps 40 = 400 Amps 15 = 150 Amps 60 = 600 Amps | |

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

(Product number for illustrative purposes only)

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

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



Load Centers and Circuit Breakers

Q-Line Plug-in Circuit Breakers

Section 1

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



THQP130



THQP230



THQL1120



THQL2140



THQL32015

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 |

¹Solid or stranded for 14-10 AWG

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 | 120/240 Vac | 240 Vac | 120/240 Vac | 240 Vac | 120/240 Vac |
| | Product Number | Product Number | Product Number | Product Number | Product Number | Product Number |
| Single Pole ¹ | | | | | | |
| 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 10 | 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 |

¹UL Listed as HACR (heating, air conditioning and refrigeration).

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

³15-100 amp UL Listed as HACR (heating air conditioning and refrigeration).

⁴Required for three-phase and High Leg Delta Systems only.

References:

| | |
|------------------------------------|-----------------------------|
| Accessories Pages | 1-24 thru 1-29 |
| Auxiliary Switches and Shunt Trips | BuyLog pages 6-40 thru 6-42 |



Load Centers and Circuit Breakers

Special Purpose Circuit Breakers

Section 1

60°C / 75°F Conductor Rating

Box Type Terminals

Quick-Make, Quick-Break

Multi-pole Breakers Incorporate Internal Common Trip

Arc Fault²

UL Listed
Arc-Fault Circuit Interrupters No. 1699

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

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

¹Combination AFCI compliant with 2008 NEC™ and later²For 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.

Arc Fault

Dual Function GFCI/AFCI Ground Fault & Combination Arc Fault Circuit Breaker

UL Listed (Available December 2014)

| Ampere Rating | 1 Pole, 120 Volts ac | |
|---------------|----------------------|-------------|
| | Product Number | |
| 10,000 AIC | 15 | THQL1115DF |
| | 20 | THQL1120DF |
| 22,000 AIC | 15 | THHQL1115DF |
| | 20 | THHQL1120DF |
| Std. Pkg. | 10 Cartons of 1 | |



THQL1115DF

Ground Fault

UL Listed
Ground Fault Circuit Interrupters No. 943.
Class A (5 milliamperes ground fault trip level).

| Ampere Rating | 1-Pole, 120 Volts ac | | 2-Pole, 120/240 Volts ac | |
|---------------|----------------------|-----------------|--------------------------|--|
| | Product Number | | Product Number | |
| 10,000 AIC | 15 | THQL1115GF | THQL2115GF1 | |
| | 20 | THQL1120GF | THQL2120GF1 | |
| | 30 | THQL1130GF | THQL2130GF1 | |
| | 40 | - | THQL2140GF1 | |
| | 50 | - | THQL2150GF1 | |
| 22,000 AIC | 15 | THHQL1115GF | - | |
| | 20 | THHQL1120GF | - | |
| | 30 | THHQL1130GF | - | |
| | Std. Pkg. | 10 cartons of 1 | 10 cartons of 1 | |



THQL1120GF

Ground Fault with Self-Test Feature

cULus
Ground Fault Circuit Interrupters UL943 ed5 (5 milliamperes)

| Ampere Rating | 1-Pole, 120 Volts ac | | 2-Pole, 120/240 Volts ac | |
|---------------|----------------------|--------------|--------------------------|--|
| | Product Number | | Product Number | |
| 10,000 AIC | 15 | THQL1115GFT | THQL2115GFT | |
| | 20 | THQL1120GFT | THQL2120GFT | |
| | 25 | THQL1125GFT | THQL2125GFT | |
| | 30 | THQL1130GFT | THQL2130GFT | |
| | 40 | - | THQL2140GFT ³ | |
| | 50 | - | THQL2150GFT ³ | |
| 22,000 AIC | 15 | THHQL1115GFT | - | |
| | 20 | THHQL1120GFT | - | |
| | 25 | THHQL1125GFT | - | |
| | 30 | THHQL1130GFT | - | |

THQL2150GFT

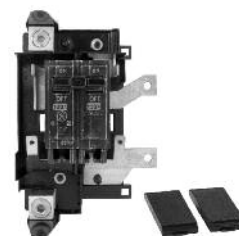
³ UL & CSA

PowerMark Gold Main Circuit Breakers for use with 150A-225A PowerMark Gold Load Centers (Includes mounting base)

UL Listed.

| 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.



THQMV100D with filler plates



Load Centers and Circuit Breakers

Special Purpose Circuit Breakers

60°C / 75°F Conductor Rating

Box Type Terminals

Quick-Make, Quick-Break

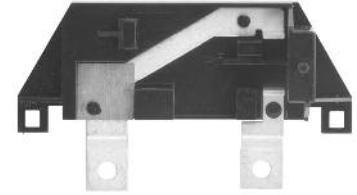
Multi-pole Breakers Incorporate Internal Common Trip

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 | TQMH000 ¹ |

¹Please 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

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

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 | 2-Pole Plus Switching Neutral 120/240 Volts ac |
|---------------|--|--|
| | Product Number | Product Number |
| 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 | 2-Pole, 120/240 Volts ac |
|---------------|------------------------------|--------------------------|
| | Product Number | 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 |

²UL 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, 120/240 Volts ac |
|---------------|--------------------------|
| | Product Number |
| 15 | THQL1115HM |
| 20 | THQL1120HM |
| 25 | THQL1125HM |
| 30 | THQL1130HM |
| 40 | THQL1140HM |
| 50 | THQL1150HM |
| Std. Pkg. | 5 cartons of 10 |



THQL1140HM



Load Centers and Circuit Breakers

Special Purpose Circuit Breakers

Section 1

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 | 3-Pole |
|-------------------------|----------------|----------------|
| | Product Number | 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 |

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 | 2-Pole |
|---------------|----------------|----------------|
| | Product Number | 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 |



TQ1120

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 | 40 | (1) 8-3 Cu/8-3 Al | 10kA | THQL1140ST1 |
| 1 | 45 | (1) 8-3 Cu/8-3 Al | 10kA | THQL1145ST1 |
| 1 | 50 | (1) 8-3 Cu/8-3 Al | 10kA | THQL1150ST1 |

¹Shunt 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 | 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 |

²Solid 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



Load Centers and Circuit Breakers

PowerMark Gold and Plus Load Centers

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

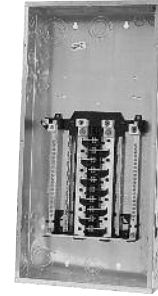
Main Lugs Convertible to Main Breaker

Section 1

Load Center
1PH
Main Lug
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, 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 geindustrial.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 | TLM1212CCUW ^{7,8,9} |

This table continued on next page



Load Centers and Circuit Breakers

PowerMark Gold and Plus Load Centers

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

Main Lugs Convertible to Main Breaker

Section 1

Load Center
1PH
Main Lug
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 ⁷ |
| 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 | White Combo 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 ⁷ |
| 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 | White Combo 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 | White Combo 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 and TLK32 (order separately) | TLM2420C4 ^{2,6} |
| 200 | 32 | 16 | 20 | 8 | 42 | Combination Flush/Surface | Top Bottom | 11 | 1-250 (Cu), 2/0-250 (Al) | TGK32 and TLK20 (order separately) | TLM3220C4 ^{2,6} |
| 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 | White Combo Flush/Surface | Top Bottom | 11 | 6-250 | TGK32 (order separately) | TLM3220CCUW ^{6,9} |
| 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 | White Combo Flush/Surface | Top Bottom | 13 | 6-250 | TGK42 (order separately) | TLM4020CCUW ^{6,9} |
| 200 | 42 | 20 | 0 | 0 | 42 | Combination Flush/Surface | Top Bottom | 14 | 1-300 (Cu), 2/0-300 (Al) | TGK42 (order separately) | TLM4220CCU 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 |

¹No door

²10 kAIC

³125 amp maximum branch capacity.

⁴For main breaker, order THQLRK2 retainer kit plus 2-pole circuit breaker. See page 1-28, 100 amp max.

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

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

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

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

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

¹⁰Load center includes a factory installed ground bar and add-a-lug. See wiring diagram on page 1-30. A separate TGL2 can be added in the unlikely event that another ground bar is required.

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



Load Centers and Circuit Breakers

PowerMark Gold and Plus Load Centers

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

Main Lugs Convertible to Main Breaker

Section 1

Load Center
1PH
Main Lug
Outdoor NEMA 3R

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

| Main Ampere Rating | 1 Pole, 1" Spaces | 2 Pole, 1" Spaces | 1 Pole, 1/2" Spaces | 2 Pole, 1/2" Spaces | Total 1-pole Spaces | Front Type | Feed ¹ Type | Box Number | Main Wire Size (AWG/kcmil) Cu-Al | Equipment Ground Kit | Product Number |
|--------------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|------------------------|---------------------------|---------------|--|--|---------------------------|
| 40 | 2 | 1 | 4 | 1 | 4 | | Top | R1A | 14-4 | TGK4 (order separately) | TL240RCU |
| 70 | 2 | 1 | 4 | 1 | 4 | | Top | R1A | 6-3 | TGK4 (order separately) | TL270RCU |
| 100 | 5 | 0 | 0 | 0 | 5 | Flush | Top | R41 | 6-3 | TGL1 installed | TL510RT ^{2,8} |
| 125 | 4 | 2 | 8 | 3 | 8 | | Top | R1A | 1-2/0 | TGL1 (order separately) | TL412R1 ² |
| 125 | 4 | 2 | 8 | 3 | 8 | | Top | R1A | 1-2/0 | TGL1 installed | TL412RT1 ² |
| 125 | 4 | 2 | 8 | 3 | 8 | | Top | R41 | 1-2/0 | TGL1 (order separately) | TL412R2 ² |
| 125 | 4 | 2 | 8 | 3 | 8 | Thermoplastic Front | Top | R1 | 1-2/0 | TGL1 (order separately) | TPL412R ^{2,3} |
| 125 | 4 | 2 | 8 | 3 | 8 | Thermoplastic Front | Top | R1 | 1-2/0 | TGL1 installed | TPL412RT ^{2,3} |
| 125 | 4 | 3 | 12 | 4 | 12 | | Top | R2A | 6-1 | TGK12 (order separately) | TLM612RCU ⁴ |
| 125 | 8 | 4 | 16 | 8 | 16 | | Top | R2A | 6-1 | TGK12 (order separately) | TLM812RCU ⁴ |
| 125 | 8 | 4 | 16 | 8 | 16 | | Top | R3A | 6-1 | TGK12 (order separately) | TLM812RCU ²⁵ |
| 125 | 14 | 6 | 20 | 8 | 24 | | Top | R3A | 6-2/0 | TGK12 (order separately) TGK24 (order separately) | 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) | TLM2420R42 |
| 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 |

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

³125 amp maximum branch capacity.

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

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

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

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

⁸Main and branch breakers are limited to 70 amps.

⁹Load center includes a factory installed ground bar and add-a-lug. See wiring diagram on page 1-30. A separate TGL2 can be added in the unlikely event that another ground bar is required.

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



Load Centers and Circuit Breakers

PowerMark Gold and Plus Main Breaker Load Centers

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

Main Breaker Factory Installed

Section 1

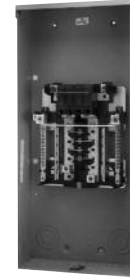
Load Center
1PH
Main Breaker
Indoor NEMA 1

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 geindustrial.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



Load Centers and Circuit Breakers

PowerMark Gold and Plus Main Breaker Load Centers

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

Main Breaker Factory Installed

Section 1

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 (order separately), TLK32 (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 |
| 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 |
| 225 | 42 | 20 | 0 | 0 | 42 | Combination Flush/Surface | Top Bottom | 14 | 1-300 (Cu), 2/0-300 (Al) | TGK42 (order separately) | TM4222CCU |

¹Load center includes a factory installed ground bar and add-a-lug. See wiring diagram on page 1-30. A separate TGL2 can be added in the unlikely event that another ground bar is required.

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

³Minimum 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 | TGK12 (order separately), TGK24 (order separately) | 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 | TGK12 (order separately), TGK24 (order separately) | 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) | 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 |

⁴100-225 amp devices have removable closing caps. Larger ampere devices require field-cut openings. Order hubs separately. See page 1-27.

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



Load Centers and Circuit Breakers

PowerMark Plus™ Load Centers

Three-Phase, Four-Wire, 208Y/120 Vac²

Main Lugs Factory Installed

Section 1

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 geindustrial.com.
- Copper breaker mounting stabs with aluminum bus¹

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 |

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

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

³Alternate main breaker: 100 Amp max. THQL three-pole, use retainer THQLRK. See page 1-28.

⁴Not suitable for use as service entrance equipment.

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



Load Centers and Circuit Breakers

PowerMark Plus™ Load Centers

Three-Phase, Four-Wire, 208Y/120Vac¹

Main Circuit Breaker or Main Lugs Factory Installed



TM24420CB

Section 1

Load Center
3PH
Main Lugs
Outdoor NEMA 3R

Main Lugs Factory Installed Outdoor (NEMA 3R) Enclosure

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

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

²100-200 Amp three-phase devices have removable closing cap. Larger Ampere devices require field cut openings. Order hubs separately. See page 1-27.

³Not suitable for use as service entrance equipment.

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

Load Center 3PH Main Breaker Indoor NEMA 1

Main Breaker Factory Installed Indoor (NEMA 1) Enclosure

| Main Ampere Rating | 1 Pole, 1" Spaces | 2 Pole, 1" Spaces | 3 Pole, 1" Spaces | Total 1-pole Spaces | Front Type | Feed ² 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 ⁶ |
| 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 ⁶ |
| 125 | 30 | 14 | 10 | 30 | Combination Flush/Surface Front | Top | 11 | 1-3/0 (Cu), 2/0-3/0 (Al) | TGK32 (order separately) | TM30412C |
| 125 | 30 | 14 | 10 | 30 | Combination Flush/Surface Front | Bottom | 11 | 1-3/0 (Cu), 2/0-3/0 (Al) | TGK32 (order separately) | TM30412CB |
| 150 | 24 | 12 | 8 | 24 | Combination Flush/Surface Front | Top | 11 | 1-3/0 (Cu), 2/0-3/0 (Al) | TGL1, TGL2, TGL20, TNG3, TGN6 (order separately) | TM24415C |
| 150 | 24 | 12 | 8 | 24 | Combination Flush/Surface Front | Bottom | 11 | 1-3/0 (Cu), 2/0-3/0 (Al) | TGK32 (order separately) | TM24415CB |
| 150 | 30 | 14 | 10 | 30 | Combination Flush/Surface Front | Top | 11 | 1-3/0 (Cu), 2/0-3/0 (Al) | TGK32 (order separately) | TM30415C |
| 150 | 30 | 14 | 10 | 30 | Combination Flush/Surface Front | Bottom | 11 | 1-3/0 (Cu), 2/0-3/0 (Al) | TGK32 (order separately) | TM30415CB |
| 150 | 42 | 20 | 14 | 42 | Combination Flush/Surface Front | Top | 13 | 1-3/0 (Cu), 2/0-3/0 (Al) | TGK42 (order separately) | TM42415C |
| 150 | 42 | 20 | 14 | 42 | Combination Flush/Surface Front | Bottom | 13 | 1-3/0 (Cu), 2/0-3/0 (Al) | TGK42 (order separately) | TM42415CB |
| 200 | 24 | 12 | 8 | 24 | Combination Flush/Surface Front | Top | 11 | 1-300 (Cu), 2/0-300 (Al) | TGK32 (order separately) | TM24420C |
| 200 | 24 | 12 | 8 | 24 | Combination Flush/Surface Front | Bottom | 11 | 1-300 (Cu), 2/0-300 (Al) | TGK32 (order separately) | TM24420CB |

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

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

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

This table continued on next page



Load Centers and Circuit Breakers

PowerMark Plus™ Load Centers

Three-Phase, Four-Wire, 208Y/120 Vac¹

Main Circuit Breaker Factory Installed

Section 1

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 ² 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 |

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

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

²100-200 Amp three-phase devices have removable closing cap. Larger Ampere devices require field cut openings. Order hubs separately. See page 1-27.

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



Load Centers and Circuit Breakers

PowerMark Gold Load Centers

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

Section 1

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 |

Tap kits required, order separately. See page 1-29.
Auxiliary gutters available. See page 1-29.

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 |



Load Centers and Circuit Breakers

PowerMark Gold Meter Socket Load Centers

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

With Bonded Neutrals

Section 1

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



TSM2020CFCU

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.

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.

| 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 |

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

²Devices include removable closing cap. Order hub separately. See page 1-27.

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

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

⁵Restricted

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 | |



Load Centers and Circuit Breakers

PowerMark Gold Meter Socket Load Centers

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

With Bonded Neutrals

Section 1

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

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 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} |

¹Devices include removable closing cap. Order hub separately. See page 1-27.

²Separate field mounted service disconnect can be added, THQL/THHQL. See wiring diagram on page 1-35.

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 |

¹Devices include removable closing cap. Order hub separately. See page 1-27.

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 |



Load Centers and Circuit Breakers

PowerMark Gold Meter Socket Load Centers

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

With Bonded Neutrals

Section 1

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} |

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

²Devices include removable closing cap. Order hub separately. See page 1-27.

³Surface 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 |

²Devices include removable closing cap. Order hub separately. See page 1-27.

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 | TSM3220UF42 ¹ |
| 225 | 20 | 10 | 40 | 18 | 40 | Outdoor | Semi-Flush | None | UG | UL/EUSERC | TSM2022UF42 ¹ |
| 225 | 32 | 14 | 16 | 6 | 40 | Outdoor | Semi-Flush | None | UG | UL/EUSERC | TSM3222UF42 ¹ |
| 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 | TSM3220US42 ¹ |
| 225 | 20 | 10 | 40 | 18 | 40 | Outdoor | Surface | None | UG | UL/EUSERC | TSM2022US42 ¹ |
| 225 | 32 | 14 | 16 | 6 | 40 | Outdoor | Surface | None | UG | UL/EUSERC | TSM3222US42 ¹ |

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

²Devices include removable closing cap. Order hub separately. See page 1-27.

³Surface 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) |
| TSM3220UF42 | R27 | 14-9/16 | 43-5/8 | 7-3/16 | THQMV | 1-300 | TGK12 (order separately) |
| TSM2022UF42 | R21 | 14-9/16 | 43-5/8 | 7-3/16 | THQMV | 1-300 | TGK12 (order separately) |
| TSM3222UF42 | 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) |
| TSM3220US42 | R27 | 14-9/16 | 48-1/8 | 6-3/16 | THQMV | 1-300 | TGK12 (order separately) |
| TSM2022US42 | R26 | 14-9/16 | 43-5/8 | 6-3/16 | THQMV | 1-300 | TGK12 (order separately) |
| TSM3222US42 | R27 | 14-9/16 | 48-1/8 | 6-3/16 | THQMV | 1-300 | TGK12 (order separately) |



Load Centers and Circuit Breakers

PowerMark Gold Meter Socket Load Centers

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

With Bonded Neutrals

Section 1

Meter Socket LC

1PH

Ringless with Bypass

Xcel Energy

NEMA 3R

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 |

¹Devices include removable closing cap. Order hub separately. See page 1-27.

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 |
|----------------|------------|------------------------|-------------------------|-------------------|------------------------------|----------------------------------|--------------------------|
| 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) |

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



Load Centers and Circuit Breakers

PowerMark Gold Meter Socket Load Centers

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

With Bonded Neutrals

Section 1

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. Svcs 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. Svcs 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 | TGK24 included |
| TSMR820CSFLFMG | R37A | 14 | 31-3/4 | 4-1/2 | THQMV | 6-350 | TGK24 included |
| TSMR2020CSCUFMG | R40 ³ | 14 | 34-1/2 | 4-1/2 | THQMV | 6-350 | TGK24 included |

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

²No feed through lugs.

³Knock outs are the same as R36A.

⁴Feed-thru lugs provided.



Load Centers and Circuit Breakers

PowerMark Gold Meter Socket Load Centers

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

With Bonded Neutrals

Section 1

Meter Socket LC
1PH
Class 320
NEMA 3R

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 | K-4 Bolt-In Meter Provision | UG | UL | TM2440RMKS ^{1,2,3} |
| 400 | 24 | 12 | 32 | 14 | 40 | Outdoor (NEMA 3R) | Surf/Semi | Lever Bypass | UG | UL | TM2440RMS ^{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 | TSDA2432UC4 ^{2,4} |
| 400 | 24 | 12 | 32 | 14 | 42 | Outdoor (NEMA 3R) | Surf/Semi | Link Bypass | UG | UL EUSERC | TSDA2440UC4 ^{2,4} |

¹200A main breaker factory installed. Space provided for field mounted TQD-WL sub feed.

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

³Stud provisions only provided.

⁴22 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) |
| TM2440RMKS | Yes | R23 | 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) |
| 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) |



Load Centers and Circuit Breakers

PowerMark Gold and Plus Load Centers

Circuit Breakers

Section 1

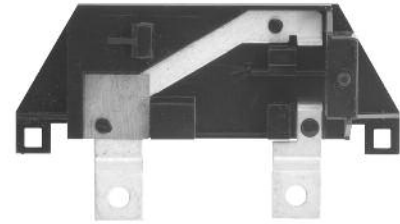
Field Installed Accessories

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 10kAIC or THHQL 22kAIC breakers separately | TQMH000 ¹ |

¹Please 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 |
| (8) 14-8Cu/12-8AL, (6) 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 |

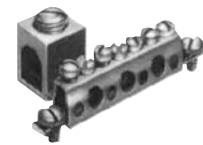
¹TGL2, TGL4 and TGL8 mount interchangeably

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

³Suitable 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 |

⁴6-12 circuit indoor load centers use PowerMark Plus style neutrals and grounds

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



TGK12



TGK12 with TGKIS



Load Centers and Circuit Breakers

PowerMark Gold and Plus Load Centers

Circuit Breakers

Section 1

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 |

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



192A7663G13



286A8894G1

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 |



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 |



TLK20



TLK250

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 |



TGK12 with TGKIS

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 |

¹For use with PowerMark Gold load centers only

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



THLK2125



Load Centers and Circuit Breakers

PowerMark Gold and Plus Load Centers

Circuit Breakers

Section 1

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 |



PowerMark Gold main lug kits - TMLK200

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

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



Load Centers and Circuit Breakers

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 |
| 2-1/2" Diameter | 4 | | TCU28 |
| 3" Diameter | 4 | | TCU30 |
| 3-1/2" Diameter | 4 | | TCU35 |
| 4" Diameter | 4 | | TCU40 ¹ |
| 4" Cover Plate | 4 | | TCUP |

¹For 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



Load Centers and Circuit Breakers

PowerMark Gold and Plus Load Centers

Circuit Breakers

Section 1

Field Installed Accessories

PowerMark Gold Main Breaker Retainers

| 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



THQLRK1

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

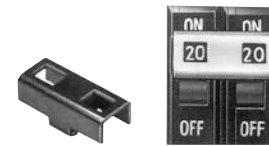


THL103

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 | TQHT1 ¹ |
| | TQC | |
| | TQL | |
| Snap-on Handle Tie - Solid | TQB | THT104 ¹ |
| | TQC | |
| | TQL | |
| Multiwire Branch Breaker Handle Tie Kits | TQB | TQ3HTK ² |
| | TQC | |
| | TQL | |

All multi-pole breakers have internal common trip
Handle ties provide manual on-off capability only between one-pole devices

¹For two single-pole breakers

²For three single-pole breakers - kit includes (10) pcs.

³For four single-pole breakers - kit includes (10) pcs.



THT104



THT2



TQHT1



Load Centers and Circuit Breakers

PowerMark Gold and Plus Load Centers

Circuit Breakers

Field Installed Accessories

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 |

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 |

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 - one kit per phase required | TMGT250 |
| 500 kcmil Lugs Gutter Tap Kit - one kit per phase required | TMGT500 |
| 750 kcmil Lugs Gutter Tap Kit - one kit per phase required - 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 |



Load Centers and Circuit Breakers

PowerMark Gold and Plus Load Centers

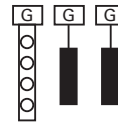
Circuit Breakers

Section 1

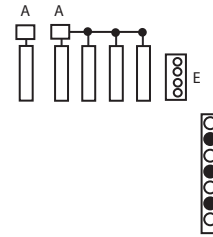
Wiring Diagrams

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

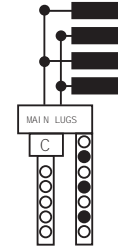
| Terminal Symbol | Wire Range (AWG/kcmil) | |
|-----------------|------------------------|---------|
| | Cu | Al |
| o | 14-8 | 12-8 |
| • | 14-4 | 12-4 |
| A | 6-2 | 6-2 |
| B | 14-1/0 | 12-1/0 |
| C | 6-2/0 | 6-2/0 |
| D | 1-300 | 2/0-300 |
| E | 1-300 | 1-300 |
| F | 6-1 | 6-1 |
| G | 6-3 | 6-3 |



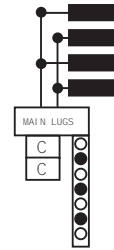
TL240SCU, RCU
TL270SCU, RCU



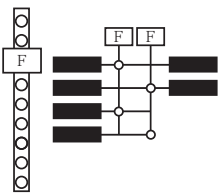
TL510RT



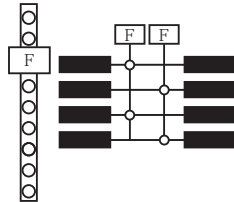
TPL412C, TL412C, TPL412R, TL412R1,
TL412R2, TL412R250GF, TL412R260GF



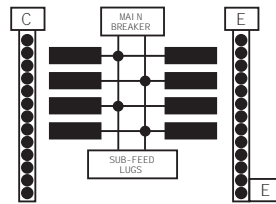
TPL412CT, TL412CT
TPL412RT, TL412RT1



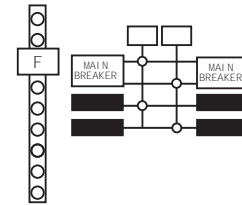
TLM612FCU, SCU
FCUD, SCUD, RCU



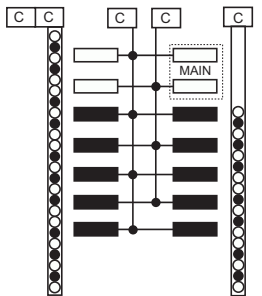
TLM812FCU, SCU,
FCUD, SCUD, RCU



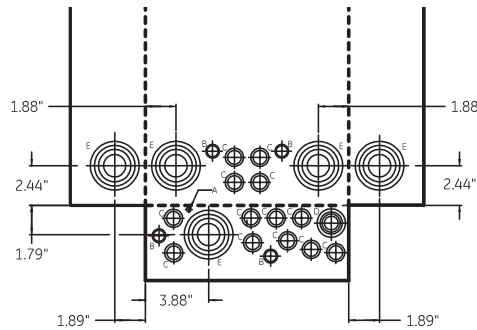
TM815RCUFL
TM820RCUFL



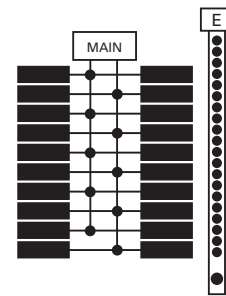
TM860FCUGEN, TLM830FCUGEN,
TM860SCUGEN, TLM830SCUGEN,
TM860RCUGEN, TLM830RCUGEN



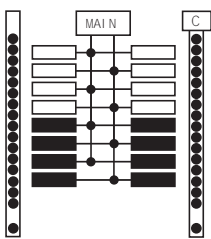
TLM1210CCU, TM1212CCU, TLM1212CCU



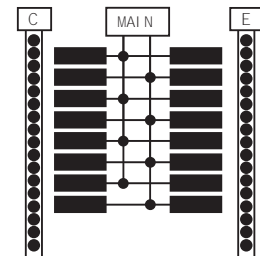
TLM1210RCU, TM1212RCU, TLM1212RCU



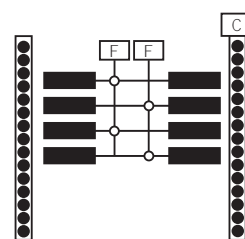
TLM2012CCURP



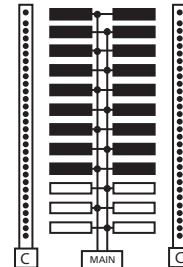
TLM1612CCU, TM1612CCU, TLM1612RCU



TLM1615CCU, TM1615RCU, TLM1620CCU,
TLM1620RCU



TLM812RCU2



TM2420R42B



Load Centers and Circuit Breakers

PowerMark Gold and Plus Load Centers

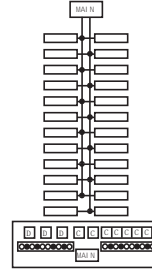
Circuit Breakers

Wiring Diagrams

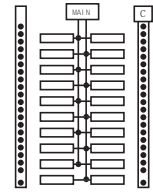
Section 1

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

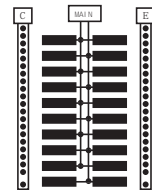
| Terminal Symbol | Wire Range (AWG/kcmil) | |
|-----------------|------------------------|---------|
| | Cu | Al |
| o | 14-8 | 12-8 |
| • | 14-4 | 12-4 |
| A | 6-2 | 6-2 |
| B | 14-1/0 | 12-1/0 |
| C | 6-2/0 | 6-2/0 |
| D | 1-300 | 2/0-300 |
| E | 1-300 | 1-300 |
| F | 6-1 | 6-1 |
| G | 6-3 | 6-3 |



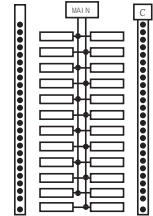
TL2440, TM2440



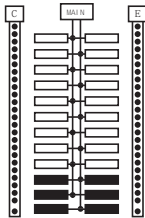
TM2010CCU, TM2010RCU



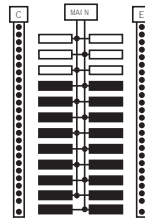
TM2020CCU, TM2020RCU
TLM2020CCU, TLM2020RCU



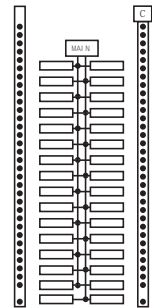
TM2410CCU, TM2412CCU
TM2412RCU, TLM2412CCU, TLM2412RCU



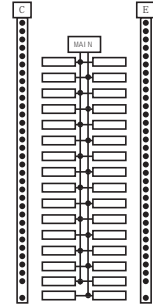
TM2415RCU, TLM2415RCU



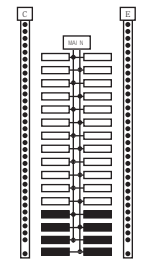
TLM2420C42, TM2415C42



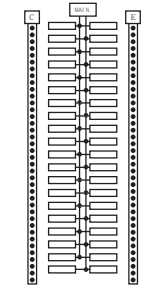
TM3210CCU



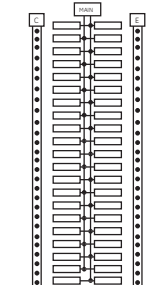
TM3215CCU, TM3215RCU



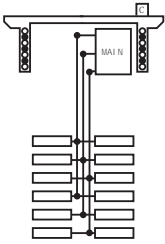
TM3220CCU, TM3220RCU, TLM3220CCU



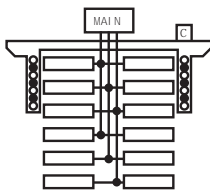
TM4020CCU, TM4020RCU
TLM4020CCU, TLM4020RCU



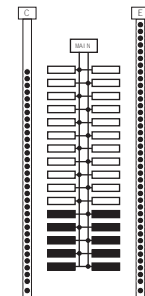
TM4222RCU, TLM4222CCU
TLM4222RCU, TM4222CCU



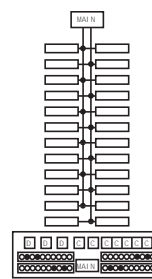
TM12410



TL12412



TM3215C42, TLM3220C42, TM3220C42



TL2460



Load Centers and Circuit Breakers

PowerMark Gold and Plus Load Centers

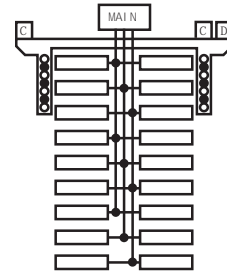
Circuit Breakers

Wiring Diagrams

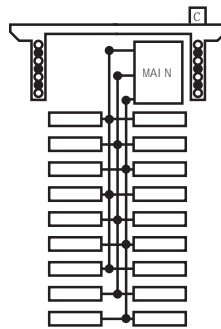
Section 1

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

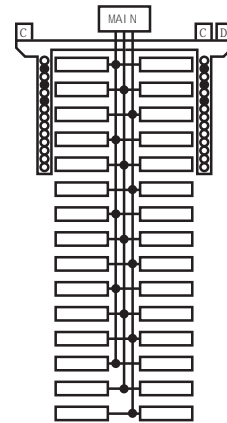
| Terminal Symbol | Wire Range (AWG/kcmil) | |
|-----------------|------------------------|---------|
| | Cu | Al |
| o | 14-8 | 12-8 |
| • | 14-4 | 12-4 |
| A | 6-2 | 6-2 |
| B | 14-1/0 | 12-1/0 |
| C | 6-2/0 | 6-2/0 |
| D | 1-300 | 2/0-300 |
| E | 1-300 | 1-300 |
| F | 6-1 | 6-1 |
| G | 6-3 | 6-3 |



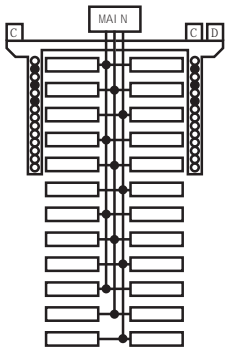
TL18415, TL18420



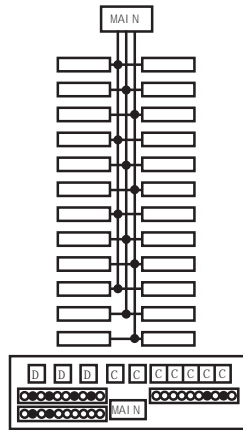
TM18410



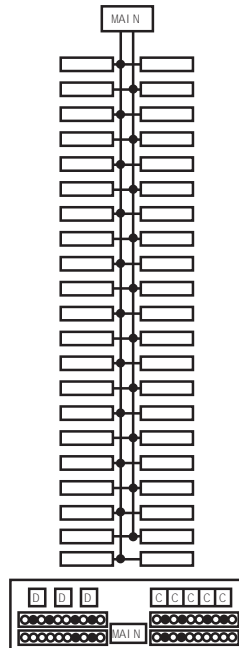
TM30412



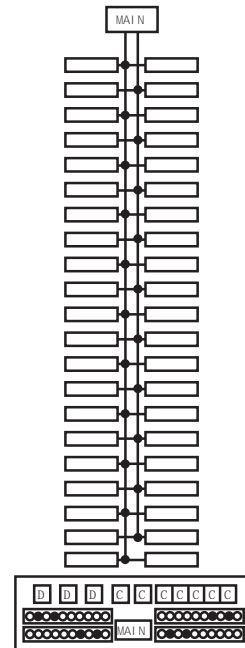
TL24415, TM24415



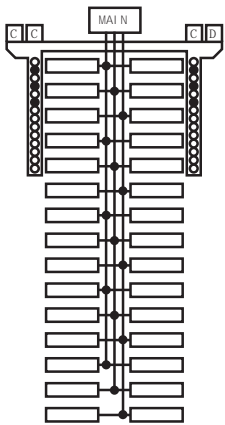
TL24440, TM24420



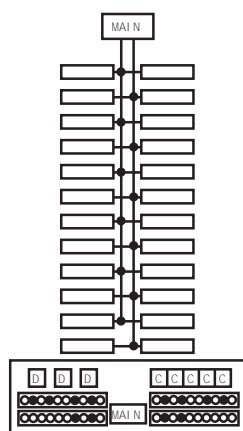
TL4260



TM4240, TM4230, TL4240



TM30415, TL30420, TM30240, TL30422



TL24460



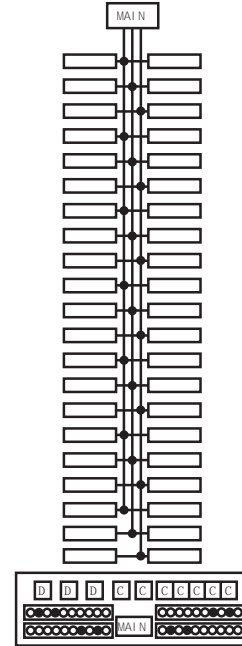
Load Centers and Circuit Breakers PowerMark Gold and Plus Load Centers Circuit Breakers

Section 1

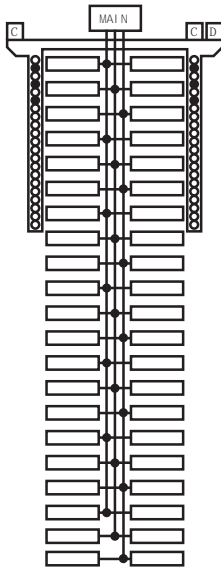
Wiring Diagrams

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

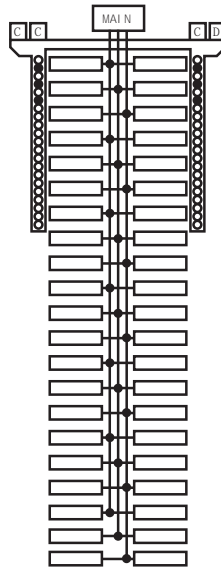
| Terminal Symbol | Wire Range (AWG/kcmil) | |
|-----------------|------------------------|---------|
| | Cu | Al |
| o | 14-8 | 12-8 |
| • | 14-4 | 12-4 |
| A | 6-2 | 6-2 |
| B | 14-1/0 | 12-1/0 |
| C | 6-2/0 | 6-2/0 |
| D | 1-300 | 2/0-300 |
| E | 1-300 | 1-300 |
| F | 6-1 | 6-1 |
| G | 6-3 | 6-3 |



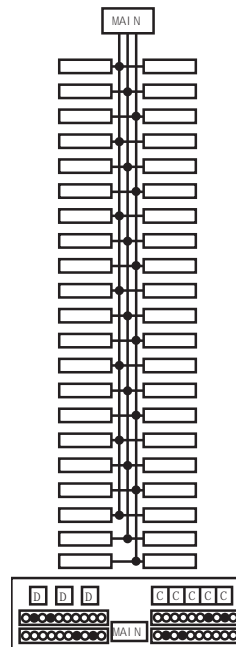
TM42430, TM42440



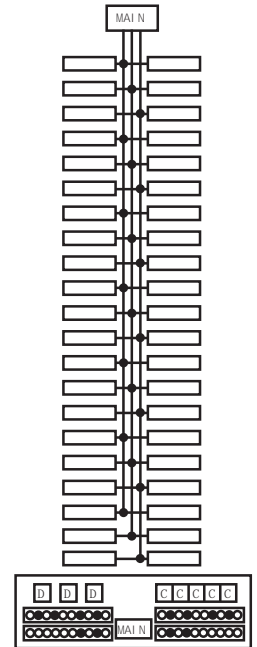
TL42420, TM42415C, TM42420



TL42422



TL42440



TL42460



Load Centers and Circuit Breakers

PowerMark Gold and Plus Load Centers

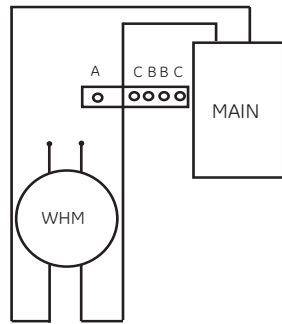
Circuit Breakers

Section 1

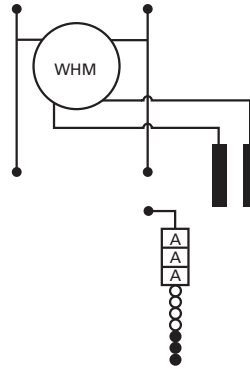
Wiring Diagrams

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

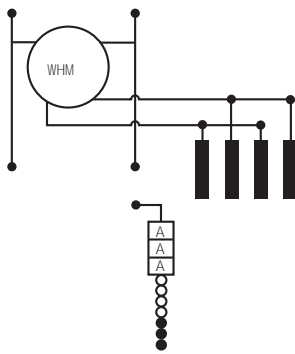
| Terminal Symbol | Wire Range (AWG/kcmil) | |
|-----------------|------------------------|---------|
| | Cu | Al |
| o | 14-8 | 12-8 |
| • | 14-4 | 12-4 |
| A | 6-2 | 6-2 |
| B | 14-1/0 | 12-1/0 |
| C | 6-2/0 | 6-2/0 |
| D | 1-300 | 2/0-300 |
| E | 1-300 | 1-300 |
| F | 6-1 | 6-1 |
| G | 6-3 | 6-3 |



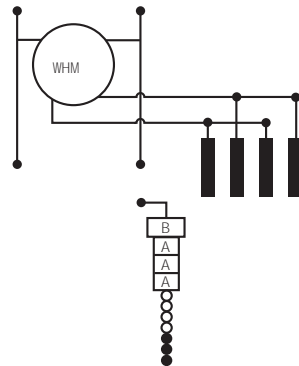
TM10RMC, TM12RMC, TM15RMC, TM20RMC,
TSMR015CSGP, TSMR020CSGP



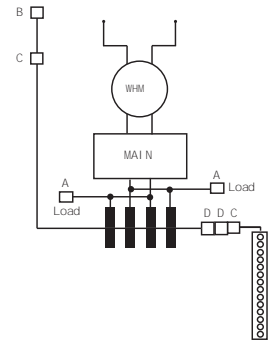
TSL210CSCU, TSL210CFCU



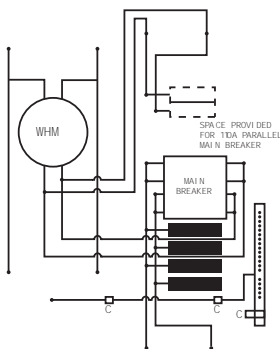
TSL412CSCU



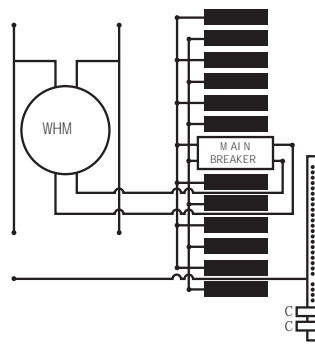
TSL420CSCU, TSL420CFCU



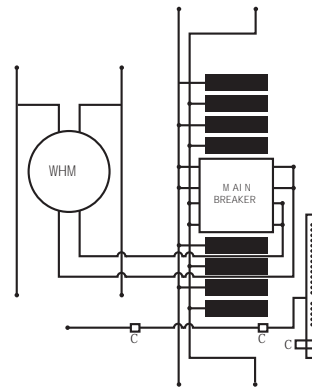
TSM415CSCU, TSM420CSCU, TSMF415CSFL,
TSMF420CSFL, TSMR415CSCUGP, TSMR420CSCUGP,
TSMR415CSFLFMG, TSMR420CSFLFMG



TSF420CSCU



TSM1212CSCU, TSM1212CFCU



TSM815CSCU, TSM820CSCU



Load Centers and Circuit Breakers

PowerMark Gold and Plus Load Centers

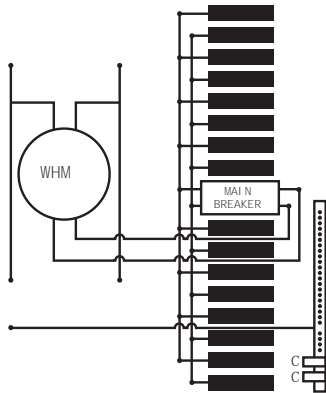
Circuit Breakers

Section 1

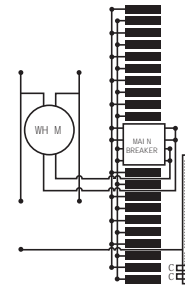
Wiring Diagrams

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

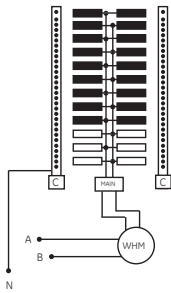
| Terminal Symbol | Wire Range (AWG/kcmil) | |
|-----------------|------------------------|---------|
| | Cu | Al |
| o | 14-8 | 12-8 |
| • | 14-4 | 12-4 |
| A | 6-2 | 6-2 |
| B | 14-1/0 | 12-1/0 |
| C | 6-2/0 | 6-2/0 |
| D | 1-300 | 2/0-300 |
| E | 1-300 | 1-300 |
| F | 6-1 | 6-1 |
| G | 6-3 | 6-3 |



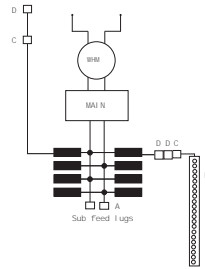
TSM1610CSCU, TSM1610CFUCU, TSM1612CFUCU, TSM1612CSCU



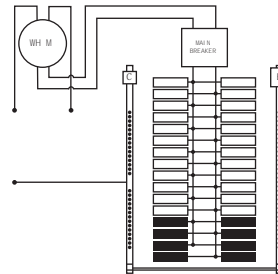
TSM2020CSCU, TSM2020CFUCU



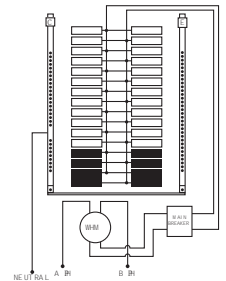
TSM2420UF42



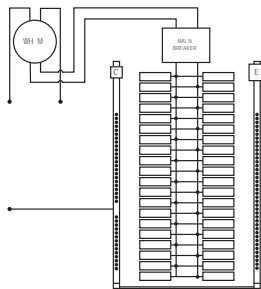
TSM815CSFL, TSM820CSFL, TSMF815CSFL,
TSMF820CSFL, TSMR815CSFLFMG,
TSMR820CSFLFMG



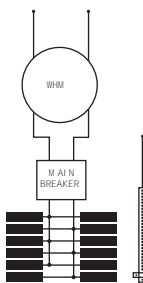
TSM3220UWCU



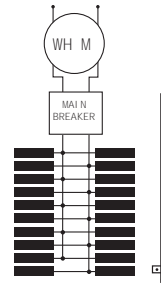
TSM3220USCU, TSM3220UFUCU, TSM3222USCU,
TSM3222UFUCU



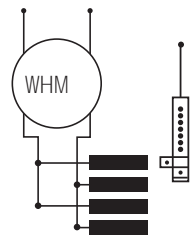
TSM4020UWCU



TSMR1212CSCU, TSMB1212CSCU



TSMR2020CSCU, TSMR2015CSCU,
TSMB2020CSCU, TSMB2015CSCU



TSLR420CSCU, TSLR412CSCU,
TSLB412CSCU, TSLB420CSCU





Load Centers and Circuit Breakers

PowerMark Gold and Plus Load Centers

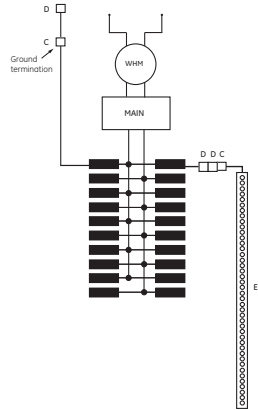
Circuit Breakers

Section 1

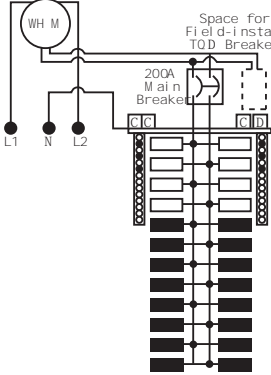
Wiring Diagrams

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

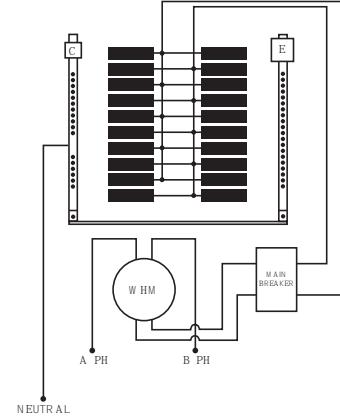
| Terminal Symbol | Wire Range (AWG/kcmil) | |
|-----------------|------------------------|---------|
| | Cu | Al |
| o | 14-8 | 12-8 |
| • | 14-4 | 12-4 |
| A | 6-2 | 6-2 |
| B | 14-1/0 | 12-1/0 |
| C | 6-2/0 | 6-2/0 |
| D | 1-300 | 2/0-300 |
| E | 1-300 | 1-300 |
| F | 6-1 | 6-1 |
| G | 6-3 | 6-3 |



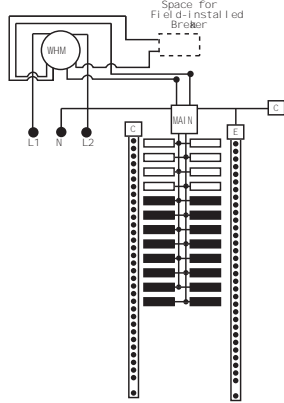
TSMR2020CSCUFMG



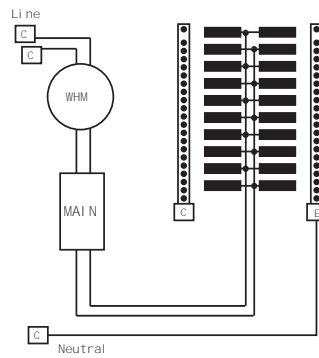
TM2440RMS, RMRS, RMS,
TMH2440RMS, TMH2440RMRS



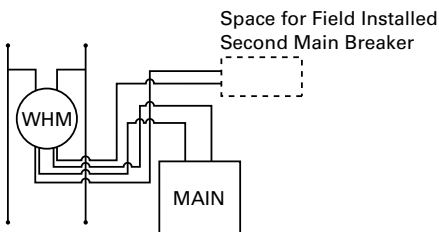
TSM2022USCU, TSM2022UFUCU



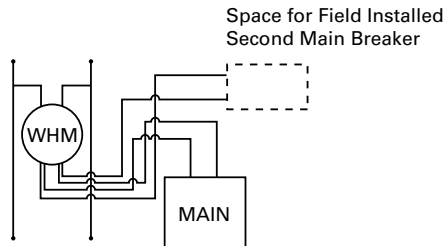
TSDA2432UC42, TSDA2440UC42



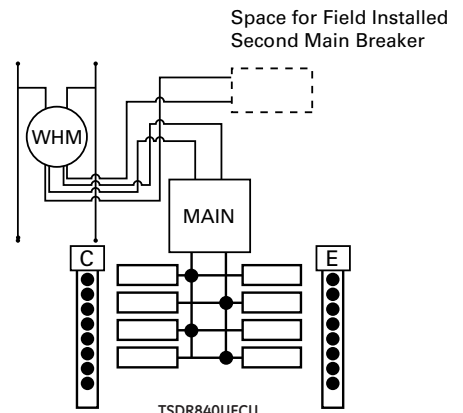
TSM2015URCU



TSD032UFUCU



TSDR040UFUCU



TSDR840UFUCU



Load Centers and Circuit Breakers

PowerMark Gold and Plus Load Centers

Circuit Breakers

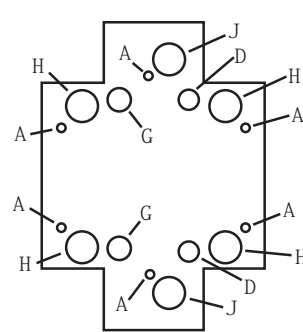
Indoor Enclosures

Knockouts

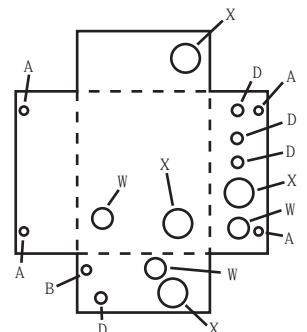
| Symbol | A | • | B | C | D | E | F | G | H | J | K | L | M | N | P | Q | R | S | T | U | V | W | X | Y | Z | |
|------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|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

Dimensions (in inches)

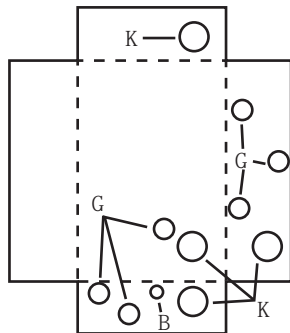
| Box No. | Width | Height | Depth |
|---------|---------|----------|---------|
| 1A | 5 11/16 | 10 1/4 | 3 3/8 |
| 2 | 7 1/2 | 9 7/32 | 3 5/16 |
| 2A | 7 1/4 | 9 | 3 |
| 3A | 11 9/16 | 11 3/8 | 3 3/8 |
| 4 | 14 | 19 | 3 3/4 |
| 4A | 14 | 19 | 3 3/4 |
| 6 | 14 | 23 | 3 3/4 |
| 7 | 14 | 24 11/16 | 3 3/4 |
| 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 |



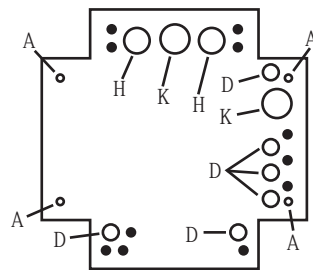
Box 1A



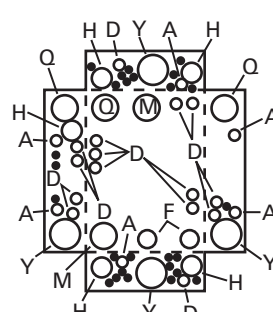
Box 2



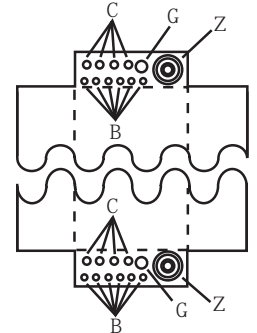
Box 2A



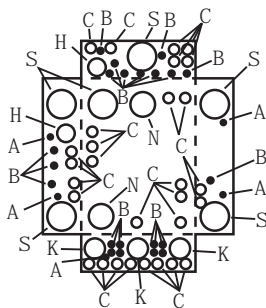
Box 3A



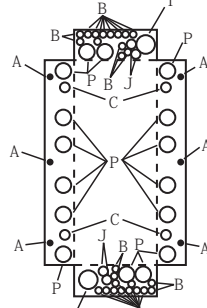
Box 4, 6, 7, 8, 9, 11, 12, 13, 14



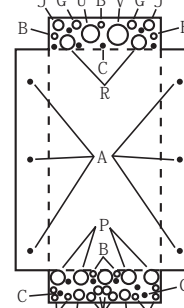
Box 4A, 9A



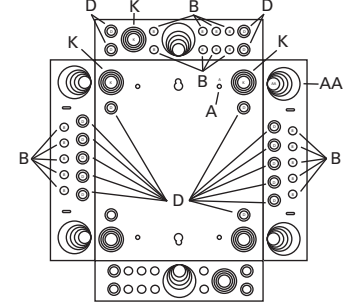
Box 15



Box 16



Box 17



Box 18



Load Centers and Circuit Breakers

PowerMark Gold and Plus Load Centers

Circuit Breakers

Section 1

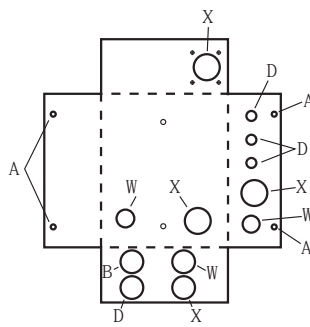
Outdoor Enclosures

Knockouts

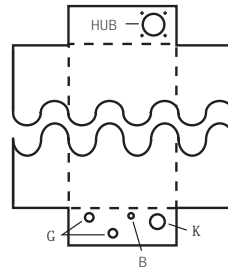
| Symbol | A | • | B | C | D | E | F | G | H | J | K | L | M | N | P | Q | R | S | T | U | V | W | X | Y | Z | AA | BB | CC | DD | | |
|------------------------|------|-----|-----|-----|-----|-------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------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

Dimensions (in inches)

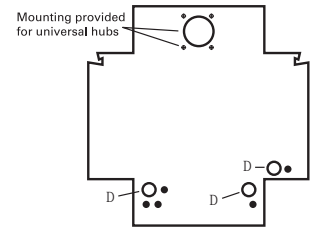
| Box No. | Width | Height | Depth |
|---------|----------|----------|---------|
| R1 | 7 1/2 | 9 7/32 | 3 5/16 |
| R1A | 7 1/4 | 10 | 3 3/4 |
| R1B | 7 3/8 | 13 | 3 3/4 |
| R2A | 11 1/4 | 11 1/8 | 3 1/4 |
| R3A | 13 | 21 1/2 | 5 |
| R3 | 12 1/2 | 21 3/16 | 4 5/8 |
| R4A | 14 11/16 | 30 3/16 | 5 1/4 |
| 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 |



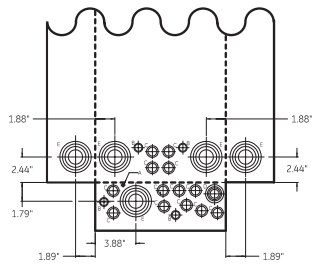
Box R1



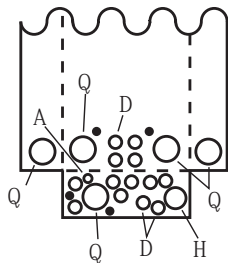
Box R1A



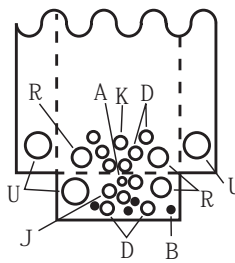
Box R2A



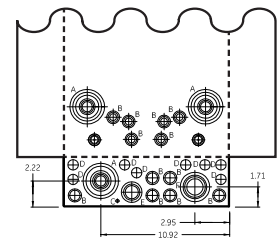
Box R3A, R5A, R6A



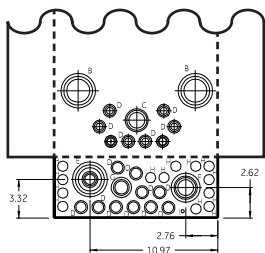
Box R3, R4, R5, R6, R7



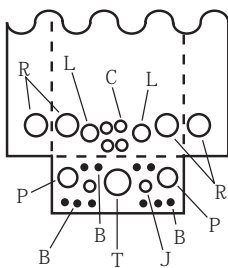
Box R8



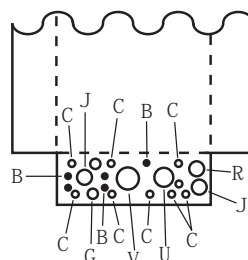
Box R4A, R7A



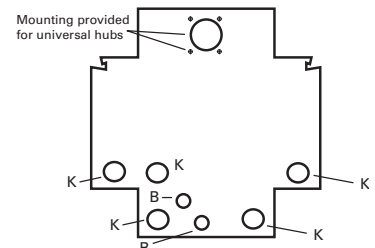
R8A



Box R9



Box R10, R11



Box R41



Load Centers and Circuit Breakers

PowerMark Gold and Plus Load Centers

Circuit Breakers

Section 1

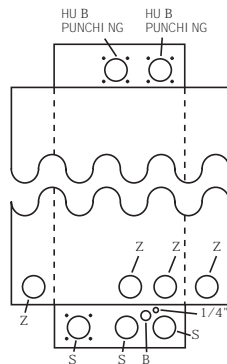
Meter Socket Load Centers

Knockouts

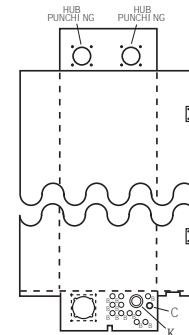
| Symbol | A | * | B | C | D | E | F | G | H | J | K | L | M | N | P | Q | R | S | T | U | V | W | X | Y | Z | AA | BB | CC | DD | EE | FF | |
|------------------------|------|-----|-----|-----|-----|-------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------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

Dimensions (in inches)

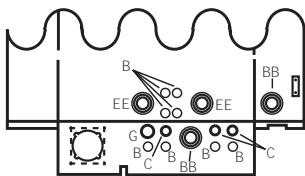
| Box No. | Width | Height | Depth |
|---------|---------|---------|--------|
| R25 | 14 | 26 | 4 1/2 |
| R26 | 14 9/16 | 43 5/8 | 6 3/16 |
| R27 | 14 9/16 | 48 1/8 | 6 3/16 |
| R28 | 22 1/2 | 27 7/8 | 6 1/4 |
| R29 | 22 1/2 | 34 7/8 | 6 1/4 |
| R30 | 14 9/16 | 40 1/2 | 6 3/16 |
| R31 | 14 9/16 | 33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



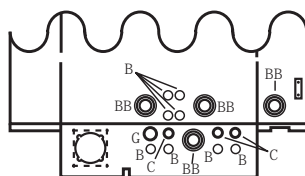
Box R25



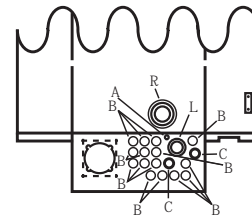
Box R26, R27



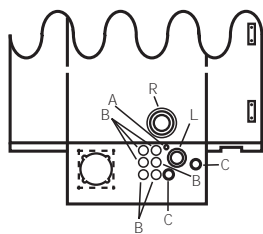
Box R28



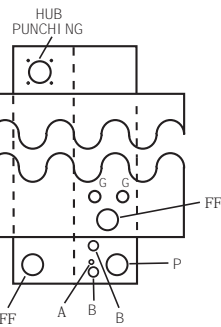
Box R29



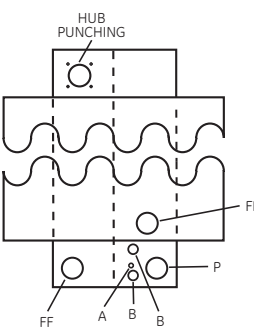
Box R30



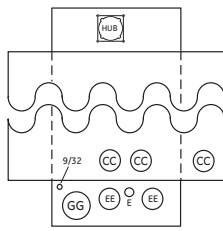
Box R31



Box R32



Box R32A



Box R40



