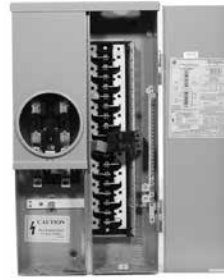


## PowerMark Gold Meter Socket Load Centers

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



TSM1610CSCU

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

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

| Main Ampere Rating | 1 Pole, 1" Spaces | 2 Pole, 1" Spaces | 1 Pole, 1/2" Spaces | 2 Pole, 1/2" Spaces | Total 1-pole Spaces | Enclosure Type | Front Type | Bypass Type | UL Incoming | Agency Certification | Product Number               |
|--------------------|-------------------|-------------------|---------------------|---------------------|---------------------|----------------|------------|-------------|-------------|----------------------|------------------------------|
| 100                | 16                | 8                 | 32                  | 14                  | 32                  | Outdoor        | Semi-Flush | None        | OH/UG       | UL/EUSERC            | TSM1610CFCU <sup>1</sup>     |
| 125                | 12                | 6                 | 24                  | 12                  | 24                  | Outdoor        | Semi-Flush | None        | OH/UG       | UL/EUSERC            | TSM1212CFCU <sup>1</sup>     |
| 125                | 16                | 8                 | 32                  | 14                  | 32                  | Outdoor        | Semi-Flush | None        | OH/UG       | UL/EUSERC            | TSM1612CFCU <sup>1</sup>     |
| 200                | 20                | 10                | 40                  | 18                  | 40                  | Outdoor        | Semi-Flush | None        | OH/UG       | UL/EUSERC            | TSM2020CFCU <sup>1</sup>     |
| 100                | 16                | 8                 | 32                  | 14                  | 32                  | Outdoor        | Surface    | None        | OH/UG       | UL/EUSERC            | TSM1610CSCU <sup>1,2,3</sup> |
| 125                | 12                | 6                 | 24                  | 12                  | 24                  | Outdoor        | Surface    | None        | OH/UG       | UL/EUSERC            | TSM1212CSCU <sup>1,2,3</sup> |
| 125                | 16                | 8                 | 32                  | 14                  | 32                  | Outdoor        | Surface    | None        | OH/UG       | UL/EUSERC            | TSM1612CSCU <sup>1,2,3</sup> |
| 200                | 20                | 10                | 40                  | 18                  | 40                  | Outdoor        | Surface    | None        | OH/UG       | UL/EUSERC            | TSM2020CSCU <sup>1,2,3</sup> |

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

<sup>2</sup> Devices include removable closing cap. Order hub separately. See page 1-29.

<sup>3</sup> Surface mounted units have two hub provisions on top end wall.

### Application Data

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

### Ring Type - Extra Wide - Main Breaker

| Main Ampere Rating | 1 Pole, 1" Spaces | 2 Pole, 1" Spaces | 1 Pole, 1/2" Spaces | 2 Pole, 1/2" Spaces | Total 1-pole Spaces | Enclosure Type | Front Type | Bypass Type | UL Incoming | Agency Certification | Product Number           |
|--------------------|-------------------|-------------------|---------------------|---------------------|---------------------|----------------|------------|-------------|-------------|----------------------|--------------------------|
| 200                | 32                | 16                | 16                  | 6                   | 40                  | Outdoor        | Surface    | None        | UG          | UL/EUSERC            | TSM3220UWCU <sup>2</sup> |
| 200                | 40                | 20                | 0                   | 0                   | 40                  | Outdoor        | Surface    | None        | UG          | UL/EUSERC            | TSM4020UWCU <sup>2</sup> |

<sup>2</sup> Devices include removable closing cap. Order hub separately. See page 1-29.

### Application Data

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

### Ring Type - Top/Bottom - Main Breaker

| Main Ampere Rating | 1 Pole, 1" Spaces | 2 Pole, 1" Spaces | 1 Pole, 1/2" Spaces | 2 Pole, 1/2" Spaces | Total 1-pole Spaces | Enclosure Type | Front Type | Bypass Type | UL Incoming | Agency Certification | Product Number               |
|--------------------|-------------------|-------------------|---------------------|---------------------|---------------------|----------------|------------|-------------|-------------|----------------------|------------------------------|
| 200                | 24                | 12                | 36                  | 18                  | 42                  | Outdoor        | Semi-Flush | None        | UG          | UL/EUSERC            | TSM2420UF42 <sup>1</sup>     |
| 200                | 32                | 14                | 16                  | 6                   | 40                  | Outdoor        | Semi-Flush | None        | UG          | UL/EUSERC            | TSM3220UFCU                  |
| 225                | 20                | 10                | 40                  | 18                  | 40                  | Outdoor        | Semi-Flush | None        | UG          | UL/EUSERC            | TSM2022UFCU                  |
| 225                | 32                | 14                | 16                  | 6                   | 40                  | Outdoor        | Semi-Flush | None        | UG          | UL/EUSERC            | TSM3222UFCU                  |
| 200                | 24                | 12                | 36                  | 18                  | 42                  | Outdoor        | Surface    | None        | UG          | UL/EUSERC            | TSM2420US42 <sup>1,2,3</sup> |
| 200                | 32                | 14                | 16                  | 6                   | 40                  | Outdoor        | Surface    | None        | UG          | UL/EUSERC            | TSM3220USCU <sup>1</sup>     |
| 225                | 20                | 10                | 40                  | 18                  | 40                  | Outdoor        | Surface    | None        | UG          | UL/EUSERC            | TSM2022USCU <sup>1</sup>     |
| 225                | 32                | 14                | 16                  | 6                   | 40                  | Outdoor        | Surface    | None        | UG          | UL/EUSERC            | TSM3222USCU <sup>1</sup>     |

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

<sup>2</sup> Devices include removable closing cap. Order hub separately. See page 1-29.

<sup>3</sup> Surface mounted units have two hub provisions on top end wall.

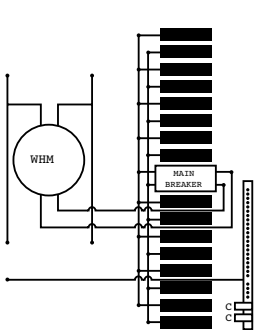
### Application Data

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

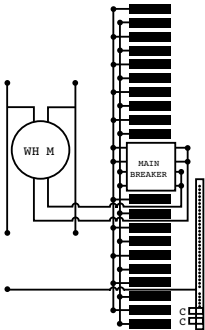
**PowerMark Gold and Plus Load Centers**  
Circuit Breakers  
Wiring Diagrams

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

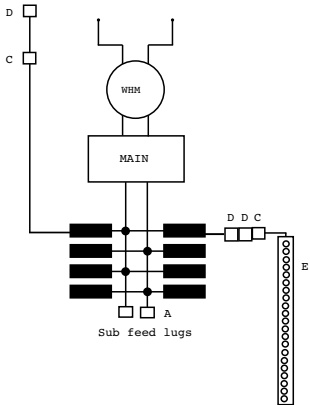
| Terminal Symbol | Wire Range (AWG/kcmil) |         |
|-----------------|------------------------|---------|
|                 | Cu                     | Al      |
|                 | 14-8                   | 12-8    |
|                 | 14-4                   | 12-4    |
|                 | 6-2  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



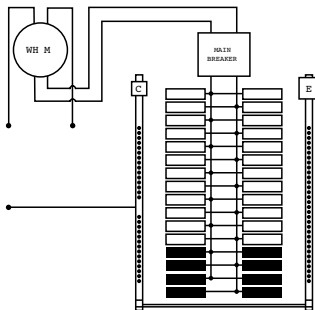
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TSM1612CFCU, TSM1612CSCU



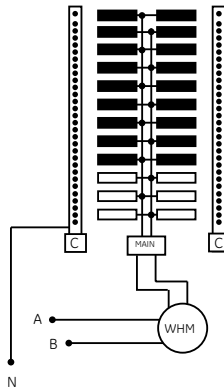
TSM2020CSCU, TSM2020CFCU



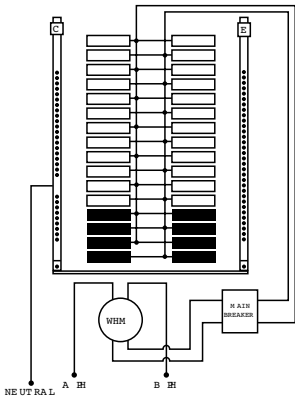
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TSMF820CSFL, TSMR815CSFLFMG,  
TSMR820CSFLFMG



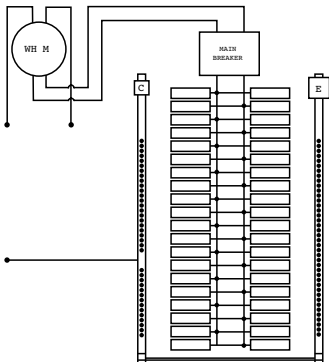
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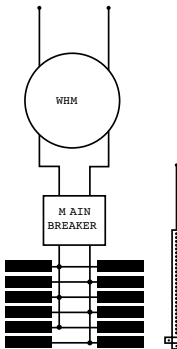
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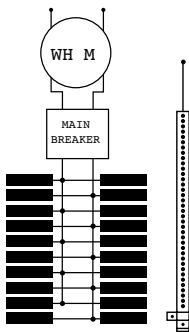
TSM3220USCU, TSM3220UFCU,  
TSM3222USCU, TSM3222UFCU



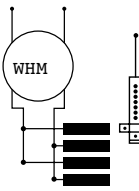
TSM4020UWCU



TSMR1212CSCU, TSMB1212CSCU



TSMR2020CSCU, TSMR2015CSCU,  
TSMB2020CSCU, TSMB2015CSCU



TSLR420CSCU, TSLR412CSCU,  
TSLB412CSCU, TSLB420CSCU