

- Approved
- Meter Bases



Revised: June 5, 2013
December 16, 2013
January 5, 2016
July 28, 2016
March 27, 2017
October 2, 2017
April 2, 2019
April 28, 2020

MTEMC APPROVED SINGLE PHASE METER BASES

| THE ELECTRIC METER BASES LISTED BELOW ARE APPROVED FOR USE ON MIDDLE TENNESSEE ELECTRIC MEMBERSHIP CORPORATION'S SYSTEM, 4/28/2020 | | | | | | | | | | | |
|--|-----------------|-------|--|---------------------------------------|-----------------------------|--------------------------------|--------------------------------|------------------------|----------------------|-----------|--|
| Size | Phases | Type | Milbank | Durham | Eaton (Cutler-Hammer) | Square-D | Midwest Elec. | Siemens/Talon | GE | Austin | |
| 100 Amp | Single-Phase | OH | U7487-RL-TG R7487-RL-TG U4908-O (Temporary Only) | UT-RS101B UBT-RS101B | UTRS101BE UBTRS101BCH | UTRS101BE-SQD UBTRS101B-SQD | UTRS101BE-MEP UBTRS101B-MEP | UAT111-0G | | | |
| 200 Amp | Single-Phase | OH | U7021-RL-TG-BL R7021-RL-TG-BL | UT-RS202B UBT-RS202B | UTRS202BCH UBTRS202BCH | UTRS202B-SQD UBTRS202B-SQD | UTRS202B-MEP UBTRS202B-MEP | UAT317-0G | | | |
| 200 Amp | Single-Phase | UG | U1980-O-BL U4413-O-BL | UT-RS223A UTRS223ARH UBT-RS223A | UTRS223ACH UTRS223ARHCH | UTRS223A-SQD | UTRS223A-MEP | UAS877-PG SUAS877PG | | | |
| 320 Amp | Single-Phase | OH/UG | U4433X-BL U1797-O-K3L-K2L-BL | 1006464 | *UTH4330T-CH UTH4330U-CH | *UTH4330T-SQD UTH4330U-SQD | *UTH4330T-MEP UTH4330U-MEP | 48104-02 | | | |
| 20 Amp | Single-Phase IR | OH/UG | AP2300-03-5T-AB | | | | | | 677X050000, Type R-2 | MS5HT1-BP | |

IR= Instrument Rated

Specifications and Notes:

- 1) UL Approved with label (Underwriters Laboratories)
- 2) Ringless steel construction (galvanized and painted gray)
- 3) Minimum 2.5" hub required when MTEMC overhead service terminates on mast riser.
- 4) Meter bases that fall outside the scope of this list are supplied by MTEMC district offices.
- 5) Meter bases can be purchased at many electric supply houses.
- 6) Electrical inspectors will not pass non-approved meter sockets.
- 7) Non-approved meter bases will not be energized by MTEMC.

* Requires U04 Closing Plate

MTEMC APPROVED THREE PHASE METER BASES

THE ELECTRIC METER BASES LISTED BELOW ARE APPROVED FOR USE ON
MIDDLE TENNESSEE ELECTRIC MEMBERSHIP CORPORATION'S SYSTEM – 3/1/2019

| <u>Size</u> | <u>Phases</u> | <u>Type</u> | <u>Milbank</u> | <u>Durham</u> | <u>Superior</u> | | <u>Meter Dev.</u> | <u>Siemens/Talon</u> | |
|---------------------------|--|-------------|----------------|---|-----------------|--|-------------------|----------------------|--|
| 20 Amp See Note (7) | 3 Phase – IR base w/6 lugs & 10 point test block | UG | UC7445-YL-421 | *USTS13-1L143 | RLW11577BB-8912 | | 602-3010D13-323 | 9837-8511 | |
| 200 Amp | 3 Phase SC- 7 terminal w/ bypass | OH/UG | U9701-RRL-BL | *UT-H7213B or *UBT-H7213B or *UT-H7213U | | | | 40407-0250 | |
| 320 Amp | 3 Phase SC – 7 terminal w/ bypass | OH/UG | U2594-X | *UT-H7330U | | | | 44707-02 | |
| | | | | | | | | | |

Specifications and Notes:

1) UL Approved with label (Underwriters Laboratories)

SC= Self Contained

2) Ringless steel construction (galvanized and painted gray)

IR= Instrument Rated

3) Barrel lock provisions are optional.

4) Meter bases can be purchased at many electric supply houses.

5) Electrical inspectors will not pass non-approved meter sockets.

6) Non-approved meter bases will not be energized by MTEMC.

7) (Applies to base with test block) Base to contain decal mounted above test switch with yellow/orange background and black lettering stating
"WARNING! OPEN ALL SWITCHES BEFORE REMOVING METER"

* Meter sockets may be private labeled for Square D, Eaton (Cutler Hammer), and Midwest Electric Products. In these cases, the numbers listed in the chart will be followed by -SQD, -CH, and -MEP respectively.

MTEMC APPROVED COMMERCIAL PEDESTALS

THE ELECTRIC METER BASES LISTED BELOW ARE APPROVED FOR USE ON
MIDDLE TENNESSEE ELECTRIC MEMBERSHIP CORPORATION'S SYSTEM – 2/5/2016

| <u>Size</u> | <u>Phases</u> | <u>Voltage</u> | <u>Milbank</u> | | | | | | |
|-------------|---------------------------------|----------------|-------------------------|--|--|--|--|--|--|
| 100 Amp | Single-Phase | 120/240 | CP3B711XXX ^A | | | | | | |
| 200 Amp | Single-Phase | 120/240 | CP3B721XXX ^A | | | | | | |
| 400 Amp | Single-Phase w/ Lever Bypass | 120/240 | CP3B541XXX ^A | | | | | | |
| 200 Amp | 3 Phase w/ Lever Bypass | 208/120 | CP3B525XXX ^B | | | | | | |
| 400 Amp | 3 Phase w/ Lever Bypass | 208/120 | CP3B545XXX ^B | | | | | | |

Specifications and Notes:

- 1) UL Approved with label (Underwriters Laboratories)
- 2) Ringless steel construction (galvanized and painted gray)
- 3) Isolated lockable & sealable utility metering and lug landing sections
- 4) Electrical inspectors will not pass non-approved pedestals
- 5) Non-approved pedestals will not be energized by MTEMC

^A 4 Jaw Meter Socket

^B 7 Jaw Meter Socket

MTEMC TEMPORARY METER BASES

! Safety is the highest priority. MTEMC will not energize temporary meter bases deemed unsafe. If an unsafe condition or a code violation is discovered, the service will not be connected until the issue is resolved. !

- Temporary meter bases shall meet the following specifications:
 - Rated 120/240 Volts
 - Single Phase
 - Minimum rating of 60 Amps
 - Maximum rating of 200 Amps
 - Four jaws (fifth jaw required for 120/208 volt network service only)
 - Underwriters Laboratory (UL) approved
 - Wiring easily accessible for visual inspection
 - Bare ground shall be routed and secured in a way so it will not come in contact with energized components
- Ringed and Ringless types are acceptable
- Temporary services shall comply with National Electrical Codes (NEC) and National Electrical Safety Codes (NESC)
- All services shall comply with MTEMC Electrical Service Guidelines
- Temporary services will not be energized until approved by the local Codes Inspector and MTEMC

MTEMC Approved Gang Meter Sockets

Revised 05-16-2013

Description: Single Phase Incoming/Single Phase Outgoing; All-in-one units (meter packs)
120/240V

Application: Used for multi-family residential buildings such as apartments and townhomes

| Number of Positions | Amps per Position | Bus Amps | <i>Eaton</i> | Bus Amps | <i>General Electric</i> | Bus Amps | <i>Siemens</i> | Bus Amps | <i>Square D</i> |
|---------------------|-------------------|----------|--------------|----------|-------------------------|----------|----------------|----------|-----------------|
| 2 | 125 | 200 | 1MP2122RRL | 200 | TMMR2212R | 200 | WP2211RJ | 200 | MPR22125 |
| 3 | 125 | 400 | 1MP3124RRL | 400 | TMMR4312R | 300 | WP3311RJ | 300 | MPR33125 |
| 4 | 125 | 400 | 1MP4124RRL | 400 | TMMR4412R | 400 | WP4411RJ | 400 | MPR44125 |
| 5 | 125 | 600 | 1MP5126RRL | 600 | TMMR6512R | 600 | WP6511RJ | 500 | MPR55125 |
| 6 | 125 | 600 | 1MP6126RRL | 600 | TMMR6612R | 600 | WP6611RJ | 600 | MPR66125 |

| Number of Positions | Amps per Position** | Bus Amps | <i>Eaton</i> | Bus Amps | <i>General Electric</i> | Bus Amps | <i>Siemens</i> | Bus Amps | <i>Square D</i> |
|---------------------|---------------------|----------|--------------|----------|-------------------------|----------|----------------|----------|-----------------|
| 2 | 200 | 400 | 1MP2204RRL | 400 | TMMR4220R | 400 | WP4212RJ | 400 | MPR42200 |
| 3 | 200 | 600 | 1MP3206RRL | 600 | TMMR6320R | 400 | WP4312RJ | 400 | MPR43200 |
| 4 | 200 | 600 | 1MP4206RRL | 600 | TMMR6420R | 600 | WP6412RJ | 600 | MPR64200 |
| 5 | 200 | 600 | 1MP5206RRL | 600 | TMMR6520R | 600 | WP6512RJ | 800 | MPR85200 |
| 6 | 200 | 600 | 1MP6206RRL | 600 | TMMR6620R | 600 | WP6612RJ | 800 | MPR86200 |

** Siemens Units - 225 A per position

Specifications and Special Notes

- 1) All sockets to be self-contained (main terminal box is included in the enclosure).
- 2) All sockets must be UL listed and labeled as such.
- 3) All sockets shall include a 2-pole external circuit breaker for each position.
- 4) Sockets shall be **ringless** type only.
- 5) Sockets shall be steel - galvanized and painted gray.
- 6) Meter sockets can be purchased at many electric supply houses.
- 7) Contact area MTEMC service engineer for source conductor sizing in order to order the appropriate lug sizes.

8) NON-APPROVED METER BASES WILL NOT BE ENERGIZED BY MTEMC.

MTEMC Approved Gang Meter Sockets

Revised 12-5-13

Description: Single Phase Incoming/Single Phase Outgoing; Modular unit; no-lever bypass
120/240V

Application: Used for multi-family residential buildings such as apartments and townhomes

| Number of Positions | Amps per Position | Bus Amps | Eaton (Cutler Hammer) | Bus Amps | General Electric | Bus Amps | Siemens | Bus Amps | Square D |
|---------------------|-------------------|----------|-----------------------|----------|------------------|----------|-----------|------------|---------------|
| 2 | 125 | 800 | 3MM212RRL | 800 | TMPR8212R | 1200 | WMM21125R | - | - |
| 3 | 125 | 800 | 1MM312RRL | 800 | TMPR8312R | 1200 | WMM31125R | 800 (1200) | EZMR113125(X) |
| 4 | 125 | 800 | 1MM412RRL | 800 | TMPR8412R | 1200 | WMM41125R | 800 (1200) | EZMR114125(X) |

| Number of Positions | Amps per Position** | Bus Amps | Eaton (Cutler Hammer) | Bus Amps | General Electric | Bus Amps | Siemens | Bus Amps | Square D |
|---------------------|---------------------|----------|-----------------------|----------|------------------|----------|-----------|------------|---------------|
| 2 | 200 | 800 | 3MM220RRL | 800 | TMPR8220R | 1200 | WMM21225R | 800 (1200) | EZMR112225(X) |
| 3 | 200 | 800 | 1MM320RRL | 800 | TMPR8320R | 1200 | WMM31225R | 800 (1200) | EZMR113225(X) |
| 4 | 200 | 800 | 1MM420RRL | 800 | TMPR8420R | 1200 | WMM41225R | 800 (1200) | EZMR114225(X) |

** Square D Units - 225 A per position

Specifications and Special Notes

- 1) Modular units - contractor to purchase main terminal boxes separately.
- 2) All sockets must be UL listed and labeled as such.
- 3) All sockets shall include a 2-pole external circuit breaker for each position.
- 4) Sockets shall be **ringless** type only.
- 5) Sockets shall be steel - galvanized and painted gray.
- 6) Meter sockets can be purchased at many electric supply houses.
- 7) **NON-APPROVED METER BASES WILL NOT BE ENERGIZED BY MTEMC.**

MTEMC Approved Network Gang Meter Sockets

Revised 3-1-19

***NOTE: USE OF THESE SOCKETS REQUIRES PRIOR ENGINEERING APPROVAL - CONTACT DERYL LONG AT 615-494-1609 OR ADAM SEABORN AT 615-494-1588**

Description: Three Phase Incoming / Single Phase Outgoing; 120/208V
No-lever bypass

Application: Used for residential buildings such as condominiums served from 3-phase service*

*** DISCONNECT REQUIRED AHEAD OF METERING**

| Number of Positions | Amps per Position | Bus Amps | Eaton (Cutler Hammer) | Bus Amps | General Electric | Bus Amps | Siemens | Bus Amps | Square D |
|---------------------|-------------------|----------|-----------------------|----------|------------------|----------|-------------------|------------|---------------|
| 2 | 125 | 800 | 3MM212RRL | 800 | TMPR8212R | 1200 | WMM22125RJ | - | - |
| 3 | 125 | 800 | 3MM312RRL | 800 | TMPR8312R | 1200 | WMM32125RJ | 800 (1200) | EZMR313125(X) |
| 4 | 125 | 800 | 3MM412RRL | 800 | TMPR8412R | 1200 | WMM42125RJ | 800 (1200) | EZMR314125(X) |

| Number of Positions | Amps per Position** | Bus Amps | Eaton (Cutler Hammer) | Bus Amps | General Electric | Bus Amps | Siemens | Bus Amps | Square D |
|---------------------|---------------------|----------|-----------------------|----------|------------------|----------|-------------------|------------|---------------|
| 2 | 200 or 225 | 800 | 3MM220RRL | 800 | TMPR8220R | 1200 | WMM22225RJ | 800 (1200) | EZMR312225(X) |
| 3 | 200 or 225 | 800 | 3MM320RRL | 800 | TMPR8320R | 1200 | WMM32225RJ | 800 (1200) | EZMR313225(X) |
| 4 | 200 or 225 | 800 | 3MM420RRL | 800 | TMPR8420R | 1200 | WMM42225RJ | 800 (1200) | EZMR314225(X) |

**** Square D Units - 225 A per position - all others 200A**

Specifications and Special Notes

- 1) Modular units - contractor to purchase main terminal boxes separately.
- 2) All sockets must be UL listed and labeled as such.
- 3) All sockets shall include a 2-pole external circuit breaker for each position.
- 4) Sockets shall be **ringless** type only.
- 5) Sockets shall be steel - galvanized and painted gray.
- 6) Meter sockets can be purchased at many electric supply houses.
- 7) NON-APPROVED METER BASES WILL NOT BE ENERGIZED BY MTEMC.**

MTEMC Approved Network Gang Meter Sockets

Revised 09-06-18

***NOTE: USE OF THESE SOCKETS REQUIRES PRIOR ENGINEERING APPROVAL - CONTACT DERYL LONG AT 615-494-1609 OR ADAM SEABORN AT 615-494-1588**

Description: Three Phase Incoming - Single Phase Outgoing; 120/208V
Lever bypass/5 jaw socket
1200A Main bus ampacity

Application: Used for residential applications in multi-purpose buildings*

*** DISCONNECT REQUIRED AHEAD OF METERING**

| Number of Positions | Amps per Position | Bus Amps | Eaton (Cutler Hammer) | Bus Amps | General Electric | Bus Amps | Siemens | Bus Amps | Square D |
|---------------------|-------------------|----------|-----------------------|----------|------------------|----------|---------------|----------|------------|
| 1 | 225 | 1200 | 35MM120R12 | 1200 | TMPR12122R | 1200 | WML12225RJ | 1200 | EZML111400 |
| 2 | 225 | 1200 | 35MM220R12 | 1200 | TMPR12222R | 1200 | WML22AB225RJ* | 1200 | EZML312225 |
| 3 | 225 | 1200 | 35MM320R12 | 1200 | TMPR12322R | 1200 | WML32225RJ | 1200 | EZML313225 |
| 4 | 225 | 1200 | 35MM420R12 | 1200 | TMPR12422R | 1200 | WML42AB225RJ* | 1200 | EZML314225 |

***AB** may be replaced with **BC** or **CA**, depending on phasing.

Specifications and Special Notes

- 1) Modular units - contractor to purchase main terminal boxes separately.
- 2) All sockets must be UL listed and labeled as such.
- 3) All sockets shall include a 2-pole external circuit breaker for each position.
- 4) Sockets shall be **ringless** type only.
- 5) Sockets shall be steel - galvanized and painted gray.
- 6) Meter sockets can be purchased at many electric supply houses.
- 7) NON-APPROVED METER BASES WILL NOT BE ENERGIZED BY MTEMC.**

MTEMC Approved Gang Meter Sockets

Revised 03-01-13

Description: Three Phase Incoming/Three Phase Outgoing; Modular unit
Lever bypass; 7 jaw meter socket
120/208V

Main Application: Commercial use
Main bus ampacity 1200A

| Number of Positions | Amps per Position | Eaton (Cutler Hammer) | Amps per Position | General Electric | Amps per Position | Siemens | Amps per Position | Square D |
|---------------------|-------------------|-----------------------|-------------------|------------------|-------------------|------------|-------------------|------------|
| 1 | 225 | 37MM120R12 | 225 | TMPR312122R | 200 | WML13200RJ | 225 | EZML331225 |
| 2 | 225 | 37MM220R12 | 225 | TMPR312222R | 200 | WML23200RJ | 225 | EZML332225 |
| 3 | 225 | 37MM320R12 | 225 | TMPR312322R | 200 | WML33200RJ | 225 | EZML333225 |
| 4 | 225 | 37MM420R12 | 225 | TMPR312422R | 200 | WML43200RJ | 225 | EZML334225 |

| Number of Positions | Amps per Position | Eaton (Cutler Hammer) | Amps per Position | General Electric | Amps per Position | Siemens | Amps per Position | Square D |
|---------------------|-------------------|-----------------------|-------------------|------------------|-------------------|------------|-------------------|------------|
| 1 | 320 | 37MM140R1240 | - | - | 320 | WML13400RJ | 400 | EZML331400 |
| 2 | 320 | 37MM240R1240 | - | - | 320 | WML23400RJ | 400 | EZML332400 |

Specifications and Special Notes

- 1) Modular units - contractor to purchase main terminal boxes separately.
- 2) All sockets must be UL listed and labeled as such.
- 3) All sockets shall include a 3-pole external circuit breaker for each position.
- 4) Sockets shall be **ringless** type only.
- 5) Sockets shall be steel - galvanized and painted gray.
- 6) Meter sockets can be purchased at many electric supply houses.

7) NON-APPROVED METER BASES WILL NOT BE ENERGIZED BY MTEMC.