

- Approved
- Meter
- Bases



Revised: October 3, 2012
 May 23, 2013
 June 5, 2013
 December 16, 2013
 January 5, 2016
 July 28, 2016
 March 27, 2017
 October 2, 2017

MTEMC APPROVED SINGLE PHASE METER BASES

THE ELECTRIC METER BASES LISTED BELOW ARE APPROVED FOR USE ON MIDDLE TENNESSEE ELECTRIC MEMBERSHIP CORPORATION'S SYSTEM, 10/2/2017

<u>Size</u>	<u>Phases</u>	<u>Type</u>	<u>Milbank</u>	<u>Durham</u>	<u>Eaton (Cutler-Hammer)</u>	<u>Square-D</u>	<u>Midwest Elec.</u>	<u>Landis+Gyr</u>	<u>GE</u>	<u>Austin</u>	<u>Siemens</u>
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	*UTH4330T-SQD	*UTH4330T-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 – 6/6/2016

<u>Size</u>	<u>Phases</u>	<u>Type</u>	<u>Milbank</u>	<u>Durham</u>	<u>Superior</u>	<u>GE</u>	<u>Meter Dev.</u>	<u>Landis+Gyr</u>	<u>Austin</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	99837-8511	
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	Eaton	Bus Amps	General Electric	Bus Amps	Siemens	Bus Amps	Square D
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	Eaton	Bus Amps	General Electric	Bus Amps	Siemens	Bus Amps	Square D
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 12-5-13

***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	-	-	-	-
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	800	3MM220RRL	800	TMPR8220R	-	-	800 (1200)	EZMR312225(X)
3	200	800	3MM320RRL	800	TMPR8320R	1200	WMM32225RJ	800 (1200)	EZMR313225(X)
4	200	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 03-01-13

***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	-	-
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.**