

Approved Meter Bases



Revised: September 1, 2011
November 1, 2011

MTEMC APPROVED SINGLE PHASE METER BASES

THE ELECTRIC METER BASES LISTED BELOW ARE APPROVED FOR USE ON MIDDLE TENNESSEE ELECTRIC MEMBERSHIP CORPORATION'S SYSTEM, 1/12/2011											
Size	Phases	Type	Milbank	Durham	Cutler-Hammer	Square-D	Midwest Elec.	Landis+Gyr	GE	Austin	Siemens
100 Amp	Single-Phase	OH	U7487-RL-TG	UT-RS101B or UBT-RS101B	UTRS101BE or UBTRS101BCH	UTRS101BE-SQD or UBTRS101B-SQD	UTRS101BE-MEP or UBTRS101B-MEP	UAT111-0G			
200 Amp	Single-Phase	OH	U7021-RL-TG-BL	UT-RS202B or UBT-RS202B	UTRS202BCH or UBTRS202BCH	UTRS202B-SQD or UBTRS202B-SQD	UTRS202B-MEP or UBTRS202B-MEP	UAT317-0G			
200 Amp	Single-Phase	UG	U1980-O-BL	UT-RS223A or UBT-RS223A	UTRS223ACH	UTRS223A-SQD	UTRS223A-MEP	UAS877-PG			SUAS877PG
320 Amp	Single-Phase	OH/UG	U4433X-BL or U1797-O-K3L-K2L-BL	1006464	UTH4330UCH	UTH4330U-SQD	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.

MTEMC APPROVED THREE PHASE AND INSTRUMENT RATED METER BASES

THE ELECTRIC METER BASES LISTED BELOW ARE APPROVED FOR USE ON MIDDLE TENNESSEE ELECTRIC MEMBERSHIP CORPORATION'S SYSTEM - 1/12/2011									
Size	Phases	Type	Milbank	Durham	Superior	GE	Meter Dev.	Landis+Gyr	Austin
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	P99837-8511	
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	
20 Amp	1 Phase IR	OH/UG	AP2300-03-5T-AB			677X050000, Type R-2			MS5HT1-BP

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, 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 Gang Meter Sockets

Revised 11-1-2011

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	Cutler Hammer	Bus Amps	General Electric	Bus Amps	Siemens	Bus Amps	Square D
2	125	200	1MP2122R	200	TMM2212R	200	SP2211	200	MP22125
3	125	400	1MP3124R	400	TMM4312R	300	SP3311	300	MP33125
4	125	400	1MP4124R	400	TMM4412R	400	SP4411	400	MP44125

Number of Positions	Amps per Position	Bus Amps	Cutler Hammer	Bus Amps	General Electric	Bus Amps	Siemens	Bus Amps	Square D
2	200	400	1MP2204R	400	TMM4220R	400	SP4212	400	MP42200
3	200	600	1MP3206R	600	TMM6320R	400	SP4312	400	MP43200
4	200	600	1MP4206R	600	TMM6420R	600	SP6412	600	MP64200

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 ring type.
- 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 11-1-2011

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	Cutler Hammer	Bus Amps	General Electric	Bus Amps	Siemens	Bus Amps	Square D
2	125	-	-	800	TMP8212R	1200	WMM2U	-	-
3	125	800	1MM312R	800	TMP8312R	1200	WMM3U	800	EZM113125
4	125	800	1MM412R	800	TMP8412R	1200	WMM4U	800	EZM114125

Number of Positions	Amps per Position**	Bus Amps	Cutler Hammer	Bus Amps	General Electric	Bus Amps	Siemens	Bus Amps	Square D
2	200	-	-	800	TMP8220R	1200	WMM2200U	800	EZM112225
3	200	800	1MM320R	800	TMP8320R	1200	WMM3200U	800	EZM113225
4	200	800	1MM420R	800	TMP8420R	1200	WMM4200U	800	EZM114225

** 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 **ring** 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 11-1-2011

NOTE: USE OF THESE SOCKETS REQUIRES PRIOR ENGINEERING APPROVAL - CONTACT DERYL LONG at 615-494-1609 or KEN MALONE at 615-494-1524

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	Cutler Hammer	Bus Amps	General Electric	Bus Amps	Siemens	Bus Amps	Square D
2	125	800	3MM212RRL	800	TMP8212R	-	-	-	-
3	125	800	3MM312RRL	800	TMP8312R	1200	WMM34URNJ	800	EZM313125
4	125	800	3MM412RRL	800	TMP8412R	1200	WMM44ABURNJ*	800	EZM314125

Number of Positions	Amps per Position**	Bus Amps	Cutler Hammer	Bus Amps	General Electric	Bus Amps	Siemens	Bus Amps	Square D
2	200	800	3MM220RRL	800	TMP8220R	-	-	800	EZM312225
3	200	800	3MM320RRL	800	TMP8320R	1200	WMM342URNJ	800	EZM313225
4	200	800	3MM420RRL	800	TMP8420R	1200	WMM44AB2URNJ*	800	EZM314225

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

*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 Network Gang Meter Sockets

Revised 11-1-2011

NOTE: USE OF THESE SOCKETS REQUIRES PRIOR ENGINEERING APPROVAL - CONTACT DERYL LONG @ 615-494-1609 or KEN MALONE at 615-494-1524

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	Cutler Hammer	Bus Amps	General Electric	Bus Amps	Siemens	Bus Amps	Square D
1	225	1200	35MM120R12	1200	TMPR12122R	1200	W2MM1225U	-	-
2	225	1200	35MM220R12	1200	TMPR12222R	1200	W2MM2AB225U*	1200	EZML312225
3	225	1200	35MM320R12	1200	TMPR12322R	1200	W2MM3225U	1200	EZML313225
4	225	1200	35MM420R12	1200	TMPR12422R	1200	W2MM4AB225U*	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.
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- 7) NON-APPROVED METER BASES WILL NOT BE ENERGIZED BY MTEMC.**