



# Meter Base Specifications

State laws require that before you do any excavation you contact the Utilities “*Call Before You Dig*” service. Call at least two (2) working days prior to any excavating, digging, or breaking ground for information on location of underground utility facilities.

Ohio Utilities Protection Service (Toll Free) 1-800-362-2764

2006 Revision

## 1. Meter Base Guidelines

(Minimum Requirements for Meter Sockets to be installed at the members premises.)

### A. Residential Single Phase

Must be U.L. Listed and Labeled.

Constructed of 12gauge (minimum) steel.

All edges shall be smooth

Enclosures shall be painted a minimum of 2 mil weather resistant finish.

Construction in accordance with ANSI/UL50

Meter socket jaws must be tin plated copper.

Sockets must be 5th terminal adaptable.

Sockets must be ringless type.

All sockets rated for greater than 200 amps must be equipped with lever operated jaw release and bypass.

All sockets must have a swing style latch or other appropriate latch, which will prevent unauthorized access and accept a 3/8 inch padlock or wire style seal.

Customer may use a lever type bypass base

### B. Commercial Single Phase

Must be U.L. Listed and Labeled.

Constructed of 12gauge (minimum) steel.

All edges shall be smooth

Enclosures shall be painted a minimum of 2 mil weather resistant finish.

Construction in accordance with ANSI/UL50

Meter socket jaws must be tin plated copper.

Single-phase sockets must be 5th terminal adaptable.

Sockets must be ringless type.

Single-phase sockets rated for 200 amps must be equipped with a lever type meter bypass.

All single-phase sockets rated for greater than 200 amps must be equipped with lever operated jaw release and bypass. The bypass must be rated to carry the full load capacity of the socket. These sockets are also required to have the Landis & Gyr HQ series, or the Milbank HD series, or similar block assembly.

All sockets must have a swing style latch or other appropriate latch, which will prevent unauthorized access and accept a 3/8 inch padlock or wire style seal.

### C. The following are meter sockets that are acceptable for use

#### 1. 100 Ampere single phase socket without bypass

Milbank	U7487-RL (use for both overhead or inderground)
T & B Anchor	URS1004B-G-HO
Durham	UHT-RS101B

Landis & Gyr UAT111-OG (use for both overhead or underground)  
Murray RJ193AX  
Cutler Hammer UHT-RS101BCH  
Square D UHT-RS101B-SQD

2. 200 Ampere single phase socket without bypass for overhead service

Milbank U7040-RL (use for overhead or underground)  
U7021 RL KK

T & B Anchor URS1904B-G-HO

Durham UHT-RS203B

Landis & Gyr UAT317-OP

UAT317-OG

Murray RB198AR

Cutler Hammer UHT-RS203BCH

Square D UHT-RS203B-SQD

3. 200 Ampere single phase socket without bypass for underground service

Milbank U1980-0

T & B Anchor URS1804B

Durham UHT-RS223A

Landis & Gyr UAS877-PG

UAT417-OG (use for overhead or underground)

Murray RL199A

Cutler Hammer UHT-RS223ACH

Square D UHT-RS223A-SQD

4. 200 Ampere single phase socket with bypass

Milbank U9551-RL

U4216-RXL (lever bypass)

T & B Anchor U42552-HO/HLO

Durham UT-H5213B

Landis & Gyr 40405-02

40404-025 (use for overhead or underground)

Murray RH173CR

Cutler Hammer UT-H5213BCH

Square D UT-H5213B-SQD

5. 200 Ampere single phase socket, 3 meter position

Milbank U1253-X or S1253-X-CB200

Durham UH-3R2332T

Landis & Gyr 3URS1804BC600

Cutler Hammer UH-3R2332T-CH

Square D UH-3R2332T-SQD

6. 200 Ampere single phase socket, 6 meter position	
Milbank	U1256-X or S1256-X-CB200
Durham	UH-6R2392TT
Landis & Gyr	6URS1804BC600
Cutler Hammer	UH-6R2392TT-CH
Square D	UH-6R2392TT-SQD

10. Three phase meter bases will be supplied by URE.

## **2. General Requirements**

A. Customers should give particular attention to sizing the ampacity of the service entrance equipment when determining present and future electrical needs.

B. Customers must provide inspection ticket number from a certified electrical inspector serving the area before URE will permanently connect or reconnect service. URE's representative has no authority to certify a member's electric service equipment, wiring system, other equipment, or appliances for compliance with state, local, or any other codes. UREC will determine whether the member's installed electric service equipment is in accordance with URE's requirements. UREC in no way warrants or represents that any element of the customer's electrical system is safe or conforms to any code. Governmental authorities and the customer are responsible for assuring that the customer's electric service equipment, wiring system, other equipment, and appliances are installed and maintained safely and in compliance with applicable codes.

C. URE reserves the right to withhold connection to and disconnect its system from any installation not conforming to the requirements.

D. The electrical contractor should be familiar with the work of other trades on the premise so the electric service system and electric meter installation will not be obstructed. Examples of possible obstructions are plumbing, HVAC, or other building structures.