



Dear Member:

The Energy Cooperative no longer supplies single phase self-contained meter bases for new service or for the purpose of upgrading or repairing existing single phase meter base installations. It is the responsibility of the member to supply a meter base for new service or when upgrading an existing service or when a meter base needs to be replaced due to deterioration/maintenance.

For your convenience, we have attached the specifications for a member owned meter base and a list of where the meter bases can be purchased.

The Energy Cooperative will continue to supply the meter base for all three phase and transformer rated installations.

If you have a question concerning whether a meter base is acceptable for installation, please contact the staking engineer associated with your project or the Engineering Supervisor, Matt Feldman, at 740-348-1278.

Respectfully,

The Energy Cooperative
Member Services Department



Member Owned Meter Socket Specifications

Enclosure Construction

Steel enclosures shall be a minimum of G-90 galvanized steel. All edges shall be smooth after forming. Enclosure shall be painted after fabrication. Finish coat shall be a minimum of 2 mils thickness and provide a tough, non-chalking weather resistant finish. Construction shall be in accordance with ANSI/ULSO. Outdoor enclosures shall be rated Type 3R. Mounting bosses shall provide 0.125 inch minimum air space between back of the socket and the mounting surface. Meter socket sealing shall be provided by minimum 304 stainless steel latch and rivet with provision for 3/8 inch padlock and/or ribbon seal.

Protection

Enclosures shall be designed to protect personnel against accidental contact with the electrical devices. Guard against unauthorized use of electric service and cannot be opened without either breaking the seal or visibly damaging the enclosure.

Socket Jaws

Block assemblies shall be replaceable from the front. Current carrying socket jaws shall be reinforced and have meter blade guides. Socket jaws shall be tin plated, capable of carrying full rated (continuous) current and withstand the mechanical and heat rise requirements of ANSI/UL 414.

Terminal Connectors

Terminal connectors shall be suitable for use with aluminum and copper conductors. Connectors shall be capable of carrying full rated (continuous) current and withstand the mechanical and heat rise requirements of ANSI/UL 486B. Connectors shall not be squeeze on type connections. Conductor connectors shall be tightened by either a standard slotted screwdriver or an allen wrench.

UL Listing

All meter sockets shall be Underwriters Laboratories Listed and labeled as such. 100 and 200 amp 4 terminal meter sockets shall have provisions for a 5th terminal and bypass horns for utilities use for manual bypass using jumper cables. When a 5th terminal is required it shall be installed in the 9 o'clock position and securely tied to the neutral. All sockets shall have a double lay-in for the neutral connection. 200 amp underground socket shall have one set of concentric knockouts in bottom left for 3 inch conduit and be of the side wire/bused design for straight in wiring. The left side will be for the line side and the right load side. 200 amp 5 and 7 terminal and all 320 amp meter sockets shall have a good quality jaw release manual operated bypass which is 100% rated. All meter sockets, multi-gang sockets, and meter pedestals will be ringless style. Socket/breaker combinations or multi-gang polyphase sockets shall be approved by local supervision.

Corrosive Environments

Corrosive areas where high moisture or chemical exposure may exist such as chemical plants or water treatment plants. Enclosure shall be of aluminum construction. Bottom front lip to be continuous fold up with slot cut for stainless steel hasp. Latch, rivet, hasp and exposed hardware will be minimum 316 series stainless steel. A minimum of five welds on the back and three welds on the sides, top and bottom.

Additional Note

The Energy Cooperative does not support the use of K-base meter bases.

MILBANK	DURHAM	EATON (B-LINE Series)
Single Position Sockets		
100A 1PH OH U7487-RL-TG-KK-BL	100A 1PH OH UT-RS101B	100A 1PH OH EH12L41GR1N
200A 1PH OH/UG U7040-RL-TG-KK-BL OH U7021-RL-TG-KK-BL	200A 1PH OH/UG UT-RS213B OH UT-RS202B	200A 1PH UG EH20L44GR1N OH EH20L41GR1N
200A 3PH OH/UG U9701-RRL-BL	200A 3PH OH/UG UT-H7213B	200A 3PH OH/UG EL20L73GR1N OH/UG UTRS213BE
320A 1PH OH U4363-X-QG-K3-K2 OH/UG U5740-X-K3L-K2L UG U1797-O-K3L-K2L	320A 1PH OH UT-H4300T OH/UG UT-H4336-9T	320A 1PH OH/UG EL32T53GR1N
320A 3PH	320A 3PH OH/UG UT-H7330T	320A 3PH OH/UG EL32T75GR1N
Meter Breaker Combination Sockets		Meter Breaker Combination Sockets
100A 1PH OH/UG U5168-XTL-100-KK		200A 1PH OH/UG ENCB20L24A3GR1N
200A 1PH OH/UG U5844-PXL-200-KK-BL OH/UG U5168-XTL-200-KK	SQUARE D	EATON (Cutler Hammer)
320A 1PH OH/UG U5890-X-2/200-BL OH/UG U5891-X-2/200-MLK-BL OH/UG U6227-X-400-K3L	Meter Breaker Combination Sockets 320A 3PH UG QU12L400CL	Meter Breaker Combination Sockets 200A 1PH OH/UG MBB200BTSBL OH/UG MBT48B200BTS OH/UG MB816B200BTSD
320A 3PH OH/UG U6229-X-400-K7L OH/UG U6115-X-2/200-K7L	GE	SIEMENS
480V Sockets - Require Line Side Breaker	200A 1PH OH GEKS1CS1DTV	200A 1PH UG UAS877-PG OH
200A 3PH OH U5767-X-200-CB-BL UG U5787-O-200-CB-BL	Meter Breaker Combination Sockets 200A 1PH OH/UG	Meter Breaker Combination Sockets 200A 1PH OH/UG MBB200BTSBL MBT48B200BTS
320A 3PH OH U5796-X-400-CB-BL UG U5799-O-400-CB-BL	320A 1PH OH/UG TSDR840CFCUGP OH/UG	320A 1PH OH/UG MM0404L1400RLM OH/UG LG0404B1400RLM



THE ENERGY COOPERATIVE

Electric Meter Base Suppliers

<p><u>Lowes Heath</u> 888 Hebron Road Heath OH 43056 (740) 522-0003</p>	<p><u>Home Depot Newark</u> 1330 North 21st Street Newark OH 43055 (740) 364-1241</p>	<p><u>McNaughton-McKay</u> 107 Capital Drive Hebron OH 43025 (740) 929-2727</p>
<p><u>Lowes Zanesville</u> 3755 Frazeyburg Road Zanesville OH 43701 (740) 450-5500</p>	<p><u>Home Depot Zanesville</u> 3787 Home Depot Drive Zanesville OH 43701 (740) 364-1241</p>	<p><u>Newark Electric Sales</u> 100 North 11th Street Newark OH 43055 (740) 345-2404</p>
<p><u>Lowes Mt. Vernon</u> 1010 Coshocton Avenue Mansfield OH 43050 (740) 393-5350</p>	<p><u>Home Depot Mansfield</u> 2000 August Drive Mansfield OH 44906 (419) 529-0015</p>	<p><u>Basic Electric Johnson Elec. Supply</u> 55 Builders Drive Newark OH 43055 (740) 522-1116</p>
<p><u>Lowes Reynoldsburg</u> 8231 East Broad Street Reynoldsburg OH 43068 (614) 769-9940</p>	<p><u>Home Depot Reynoldsburg</u> 2480 Brice Road Reynoldsburg OH 43068 (614) 577-1601</p>	<p><u>CED Newark</u> 673 McKinley Avenue Newark OH 43055 (740) 345-9848</p>
<p><u>Lowes SE Columbus</u> 2888 Brice Road Columbus OH 43232 (614) 575-6000</p>	<p><u>Home Depot East Columbus</u> 5200 Hamilton Road Columbus OH 43230 (614) 939-5036</p>	<p><u>Mt. Vernon Electric Sales</u> 940 West High Street Mt. Vernon OH 43050 (740) 393-1645</p>
<p><u>Lowes East Columbus</u> 3616 East Broad Street Columbus OH 43213 (614) 238-2601</p>		