

GENERAL REQUIREMENTS FOR METER MOUNTING DEVICES

General

1. Only meter mounting devices and service termination equipment listed in this Section (D) of this manual are to be used. The listing of equipment in this manual is not an endorsement or indication of suitability, but only that it is acceptable for installation of our metering equipment and termination of our service lateral conductors as required. It is the responsibility of the customer or their electrical contractor to verify that the equipment is suitable for the installation and that it is installed in accordance with all applicable codes.

Metering Devices

1. Whenever practical, for overhead and underground sockets, just the basic catalog number has been indicated. Generally manufacturers change one digit of the basic number or add prefix or suffix letters to the basic number to designate hub size, knockout sizes, knockout locations or other minor variations of the basic approved socket. To obtain the complete catalog number for a specific installation, consult the catalog of the socket manufacturer.
2. Only meter sockets and associated equipment that are approved by the State of Wisconsin Comm. Dept. are to be used. To be approved, equipment and materials must be listed by a nationally recognized testing laboratory approved by Commerce Dept., such as Underwriters Laboratories (U.L.), ETL, etc. and be labeled. In addition all equipment and materials are to be installed and used as labeled and in accordance with the manufacturer's instructions. If the meter socket is an integral part of a panel board or pedestal then one label is sufficient.
3. All meter sockets shall be ringless style and shall include bypass devices.
4. All neutral terminals in meter sockets shall be of the double lay-in type and permit the use of either aluminum or copper conductors.
5. If a 4-terminal meter socket is supplied with a removable factory installed 5th terminal, the 5th terminal shall be removed by the customer.
6. Equipment listed for underground service lateral cable may be used for an overhead service provided that the socket is designed for field modification by having a removable cover plate at the top, and that an adequate water-tight hub of compatible design is properly installed onto the socket.
7. U.L. listed meter sockets are rated in two categories:
 - a. General Purpose - For intermittent duty at 100 percent rated current; continuous duty at 80 percent rated current.
 - b. Continuous Duty - For continuous operation at 100 percent rated current.
For specific applications consult the catalog of the manufacturer.
8. Meter mounting equipment accepted for use on the We Energies System shall not be considered acceptable until listed in the "D" section of this manual.
9. All equipment must be adequately rated without cables being laced. We Energies does not lace cables.
10. Although equipment may be listed on the following pages it is the responsibility of the contractor to verify that the equipment is rated for the available short-circuit current of the service. The available short-circuit current is available from the local district office.

While all reasonable care has been taken to ensure the accuracy of the catalog numbers in this section we cannot guarantee that they are free of errors due to changes by the manufacturers or typographical errors. It is the responsibility of the installer to verify that the proper equipment is installed and that it is installed in accordance with the manufacturer's instructions and in compliance with all applicable state and local codes.