

FLORENCE ELECTRICITY DEPARTMENT
METER SOCKET SPECIFICATIONS

- SINGLE PHASE OVERHEAD (100 AMPS)(TEMP OR POLE SERVICE ONLY): The socket shall be UL listed, rated 100 amps continuous duty, 600 volts AC, ringless.
- SINGLE PHASE OVERHEAD (200 AMPS MAX): The socket shall be UL listed, rated 200 amps continuous duty, 600 volts AC, ringless.
- SINGLE PHASE RESIDENTIAL OVERHEAD (400 AMPS) (320 Meter Base): The socket shall be ringless, 600 volts AC, 320 continuous amps, lever bypass, and 4 terminal.
- SINGLE PHASE RESIDENTIAL OVERHEAD OR UNDERGROUND (600AMPS): The socket is for a bolt-in meter. The socket shall be rated for 300 volts AC and 600 amps (480 amps continuous duty). The socket requires the use of a lug kit that varies with the gauge and number of conductors.
 - Example: Siemens catalog number is 9810-9507 (Type K4-UT)
- SINGLE PHASE RESIDENTIAL UNDERGROUND (200 AMPS MAX): The socket shall be an underground style, UL listed, 200 amp continuous duty, 600 volt AC. The line side terminals (phase and neutral) shall be stud type suitable for use with compression lugs. Lay-in terminals are not acceptable.
 - Example: Milbank U-2986-O
- SINGLE PHASE RESIDENTIAL UNDERGROUND (400 AMPS) (320 Meter Base): The approved socket is manufactured by Milbank. The socket is rated for 600 volts AC, 320 continuous amps. The Milbank meter base is a 4 terminal, ringless, large closing plate, lever bypass, and side bussed.
 - Example: Milbank U2448-X.
- THREE PHASE OVERHEAD AND UNDERGROUND (200 AMPS MAX): The socket shall be UL listed, rated 200 amps continuous duty, 600 volts AC, ringless, and contain a bypass lever
- SINGLE PHASE COMMERCIAL OVERHEAD OR UNDERGROUND (400 AMPS TO 600AMPS): The socket is for a bolt-in meter. The socket shall be rated for 300 volts AC and 600 amps (480 amps continuous duty). The socket requires the use of a lug kit that varies with the gauge and number of conductors.
 - Example: Siemens catalog number is 9810-9507 (Type K4-UT)
- THREE PHASE OVERHEAD OR UNDERGROUND (400-600 AMPS 120/208V WYE, 277/280V WYE): The socket is for a bolt-in meter. The socket shall be rated for a three phase self-contained 600 amp meter, 600 volts AC, 600 amps (480 amps continuous duty).
 - Example: Siemens catalog number is 9817-9504 (Type K7).
- SINGLE PHASE OR THREE PHASE SERVICES GREATER THAN 600 AMPS: All service types greater than 600 amps will be metered with instrument rated transformers (CTs) and meters. Instrument rated transformers and the meter base will be supplied by the Florence Electricity Department.
- NOTE: ALL METER BASES TO BE RINGLESS, UL LISTED, AND NEMA TYPE 3R. ANY QUESTIONS ABOUT METER BASES CAN BE ANSWERED BY F.E.D ENGINEERING