

FLORENCE ELECTRICITY DEPARTMENT
METER SOCKET SPECIFICATIONS

- SINGLE PHASE OVERHEAD (100 AMPS OR LESS): The socket shall be UL listed, rated 100 amps continuous duty, 600 volts AC, ringless, and equipped with a triplex grounding lug.
- SINGLE PHASE OVERHEAD (125AMPS TO 225AMPS): The socket shall be UL listed, rated 200 amps continuous duty, 600 volts AC, ringless, and equipped with a triplex grounding lug.
- SINGLE PHASE RESIDENTIAL UNDERGROUND (225 AMPS MAX): The socket shall be an underground style, UL listed, 200 amp continuous duty, 600 volt AC, and equipped with a triplex grounding lug. The line side terminals (phase and neutral) shall be stud type suitable for use with compression lugs. Lay-in terminals are not acceptable.
- THREE PHASE OVERHEAD (225 AMPS OR LESS): The socket shall be UL listed, rated 200 amps continuous duty, 600 volts AC, ringless, and equipped with a triplex grounding lug.
- SINGLE PHASE RESIDENTIAL OR COMMERCIAL OVERHEAD OR UNDERGROUND (400 AMPS TO 600AMPS): The approved socket is manufactured by Siemens. The socket accepts a Siemens bolt-in meter. Siemens is the only manufacturer of a single phase self-contained 600 amp meter. The socket is rated for 600 volts AC and 600 amps (480 amps continuous duty). The socket can be purchased from most electrical supply houses. The Siemens catalog number is 9810-9507 (Type K4-UT). This socket requires the use of a lug kit that varies with the gauge and number of conductors. The supply house can assist with selection of the lugs.
- THREE PHASE OVERHEAD OR UNDERGROUND (250-600 AMPS 120/208V WYE, 277/280V WYE, 120/240V DELTA): The approved socket is manufactured by Siemens. The socket accepts a Siemens bolt-in meter. Siemens is the only manufacturer of a three phase self-contained 600 amp meter. The socket is rated for 600 volts, 600 amps (480 amps continuous duty). The socket can be purchased from most electrical supply houses. The 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 meterbase will be supplied and installed by the Florence Electricity Department.