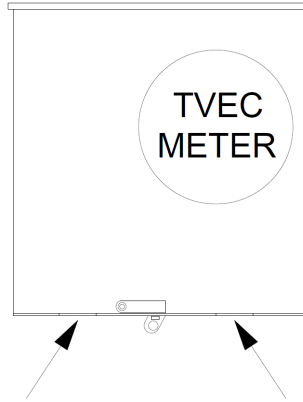


**TRINITY VALLEY ELECTRIC COOPERATIVE
SPECIFICATION FOR SINGLE PHASE, 120/240V, 200 AMP, 4-TERMINAL
UNDERGROUND SERVICE METER SOCKET**

REQUIREMENTS:

- 1.1 The meter socket shall be surface mount, 1-phase, 3-wire, 4-jaw rated for 200A continuous, 600V AC.
- 1.2 All meter sockets shall be UL listed with a testing laboratory label or symbol affixed to the base.
- 1.3 All meter sockets shall be outdoor NEMA 3R rated. Meter socket enclosures shall be constructed of G90 galvanized steel with a powder coat finish.
- 1.4 All meter socket enclosures shall be ringless. Individual covers shall have a hasp provision for a TVEC meter seal.
- 1.5 All meter sockets shall have single lay-in line side and load side connectors. Line (TVEC) side shall be capable of accepting 4/0 AWG aluminum/copper. Load (member) side shall be capable of accepting a minimum 2/0 THHN or 3/0 THW copper.
- 1.6 All meter sockets shall be adequately sized to allow routing and bending of the maximum-size conductors for which the meter socket is rated, and shall meet the wire bending requirements within the enclosure and at terminations per NEC.
- 1.7 Meter sockets shall have minimum (1) knockout opening on the bottom left side of the enclosure for line (TVEC) side cables and (1) knockout opening on the bottom right side of the enclosure for load (member) side cables. Line (TVEC) side knockout shall be capable of accepting a 2" IPS conduit. See Detail 1 below.
- 1.8 Meter sockets shall have (1) 1/4" knockout on the bottom of the enclosure for ground wire routing.
- 1.9 Meter sockets shall have a factory installed grounding connector provision attached to the neutral bus for a single grounding conductor.
- 1.10 See Table 1 on page 2 for a list of TVEC approved 200A underground meter sockets.



TVEC CABLES

MEMBER CABLES

DETAIL 1:
200A UG METER SOCKET CABLE LOCATIONS

TABLE 1:
TVEC APPROVED SINGLE PHASE, 120/240V, 200 AMP, 4-TERMINAL
UNDERGROUND SERVICE METER SOCKETS:

Milbank U1980-O (TVEC Preferred Item)

Siemens (Talon) UAS877-PGF

Siemens (Talon) UAS877-PPGP

Siemens (Talon) UAS877-PPZA

Square D (Schneider Electric) UTRS233C

Square D (Schneider Electric) UHTRS223A