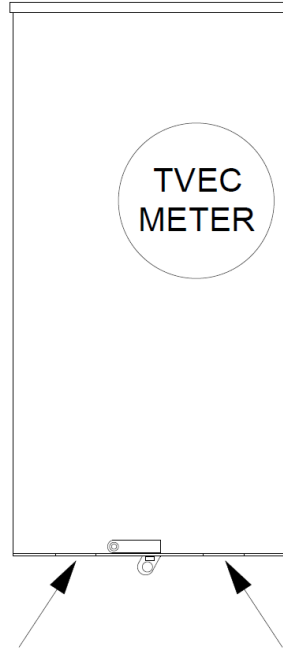


**TRINITY VALLEY ELECTRIC COOPERATIVE  
SPECIFICATION FOR SINGLE PHASE, 120/240V, 320 AMP, 4-TERMINAL  
UNDERGROUND SERVICE METER SOCKET**

**REQUIREMENTS:**

- 1.1 The meter socket shall be surface mount, 1-phase, 3-wire, 4-jaw rated for 320A 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 350 MCM 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 3" IPS conduit. See Detail 1 on page 2.
- 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 320A underground meter sockets.



TVEC CABLES

MEMBER CABLES

**DETAIL 1:**  
**320A UG SOCKET CABLE LOCATIONS**

**TABLE 1:**  
**TVEC APPROVED SINGLE PHASE, 120/240V, 320 AMP, 4-TERMINAL**  
**UNDERGROUND SERVICE METER SOCKETS**

Milbank S1797-X-2/K3L (TVEC Preferred Item)

Milbank U1797-O-K3L-K2L

Milbank U3000-O-2/K3L-BL

Siemens (Talon) 48104-82BP