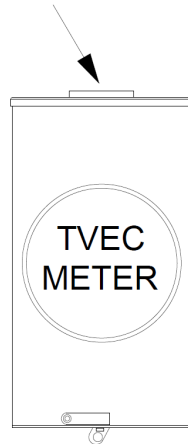


**TRINITY VALLEY ELECTRIC COOPERATIVE
SPECIFICATION FOR SINGLE PHASE, 120/240V, 200 AMP, 4-TERMINAL
OVERHEAD SERVICE METER SOCKET**

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 side (TVEC) shall be capable of accepting 4/0 AWG aluminum/copper. Load side (member) 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 a 2” hub on the top of the enclosure for line side (TVEC) cables and (1) knockout opening on the bottom of the enclosure for load side (member) cables. See Detail 1 on page 2.
- 1.8 Meter sockets shall have (1) ¼” 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 overhead meter sockets.

TVEC CABLES



DETAIL 1:
200A OH METER SOCKET CABLE LOCATIONS

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

Milbank U7021-DL-TG (TVEC Preferred Item)

Milbank U7021-RL-TG

Milbank U7040-RL-TG*

Milbank U7040-XL-TG*

Siemens (Talon) SUAT317-0GF

Siemens (Talon) SUAT417-XGF*

Siemens (Talon) UAT317-0G

Siemens (Talon) UAT317-0PGP

Siemens (Talon) UAT317-0PZA

Siemens (Talon) UAT417-XGF*

Siemens (Talon) UAT417-XPQG*

Siemens (Talon) UAT417-0PQG*

Siemens (Talon) UAT817-XGBA*

Square D (Schneider Electric) UTRS202B

Square D (Schneider Electric) UTRS213B*

***Approved for Overhead Service Only**