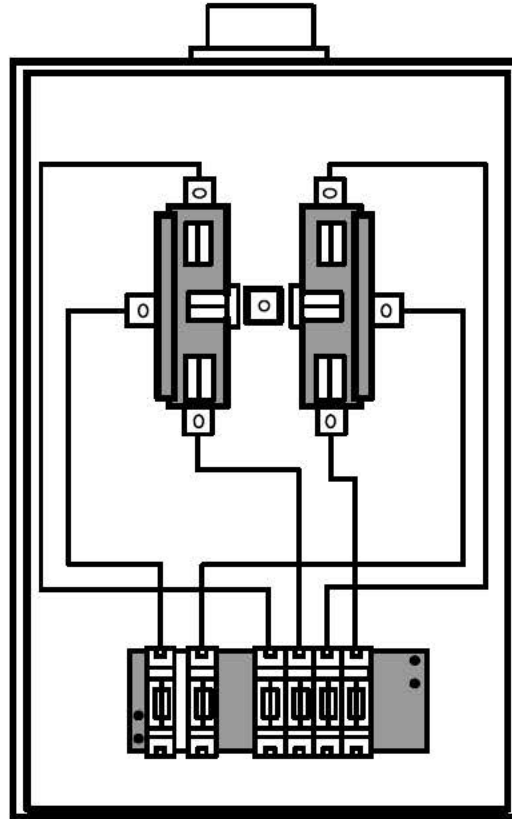


Use: 120/240 V, 1Ø, 3-Wire
 401 A & Larger.
 Single-phase Primary
 Metered Service.

SOCKET REQUIREMENTS

Single-Phase Instrument
 Transformer Installations



NOTES:

1. The customer shall provide and install an appropriate pre-wired socket as shown.
Milbank Catalog No. UC7636-YL-TGE-DES (pre-wired).
2. Conduit for metering wire from the current transformers, (CT compartment), to the meter socket enclosure is provided by the customer and shall enter the meter socket enclosure at the hub or the pre-cut knock-outs. Conduit shall not interfere with the operation of the test switch. **The metering conduit shall not have more than three 90° bends, or any combination of bends greater than 270°. The metering conduit shall not exceed 120 ft. in maximum length. Conduit must be minimum 2" diameter. A pull rope must be installed in conduit runs in excess of 50 ft. (Note: 1-1/4" conduit may be used if length is less than 50 ft and there is no more than one 90° bend).** Accessible and sealable pulling junctions must be approved by TEP Design Department and may not be modified as to void the UL listing of the equipment. The opening in the CT compartment shall be in front of, and not blocked by, the buss bars.
3. TEP or Service Provider will provide metering wire from current transformers to test switch.
4. See SR-422 series for typical installations.
5. Socket manufacturers may supply test switches other than Milbank if the switch arrangement is identical to Milbank.
6. **Automatic circuit closing devices are not permitted in sockets used on TEP's system.**



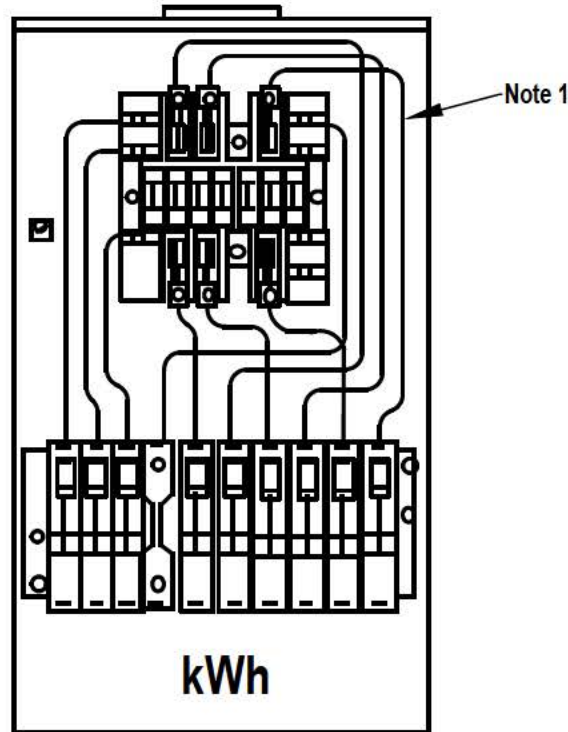
INITIATED BY	SC
STANDARDS COMM.	8-77

REVISION NO.	13
STANDARDS COMM.	12-15
EFFECTIVE DATE	1-16

SR-414
 Pg. 1 of 2

Use: With three phase instrument transformer installations of 201A & higher

SOCKET REQUIREMENTS Three-Phase Instrument Transformer Installations



NOTES:

1. The customer shall provide and install an appropriate pre-wired socket as described: **KWH enclosure, (Milbank, 13 Terminal) Cat. No. UC7461-YL-TGE-DES (pre-wired).**

2. Conduit for metering wire from the current transformers, (CT compartment), to the meter socket enclosure is provided by the customer and shall enter the meter socket enclosure at the hub or the pre-cut knock-outs. Conduit shall not interfere with the operation of the test switch. **The metering conduit shall not have more than three 90° bends, or any combination of bends no greater than 270°. The metering conduit shall not exceed 120 ft. in maximum length. Conduit must be minimum 2" diameter. A pull rope must be installed in conduit runs in excess of 50 ft. (Note: 1-1/4" conduit may be used if length is less than 50 ft. and there is no more than one 90° bend).** Accessible and sealable pulling junctions must be approved by TEP Design Department and may not be modified as to void the UL listing of the equipment. The opening in the CT compartment shall be in front of, and not blocked by, the buss bars.

3. TEP or Service Provider will provide metering wire from current transformers to test switch.

4. See SR-422 series for typical installations.

5. Socket manufacturers may supply test switches other than Milbank if the switch arrangement is identical to Milbank.

6. **Automatic circuit closing devices are not permitted in sockets used on TEP's system.**



INITIATED BY	SC	REVISION NO.	20
STANDARDS COMM.	8-77	STANDARDS COMM.	12-15
		EFFECTIVE DATE	1-16