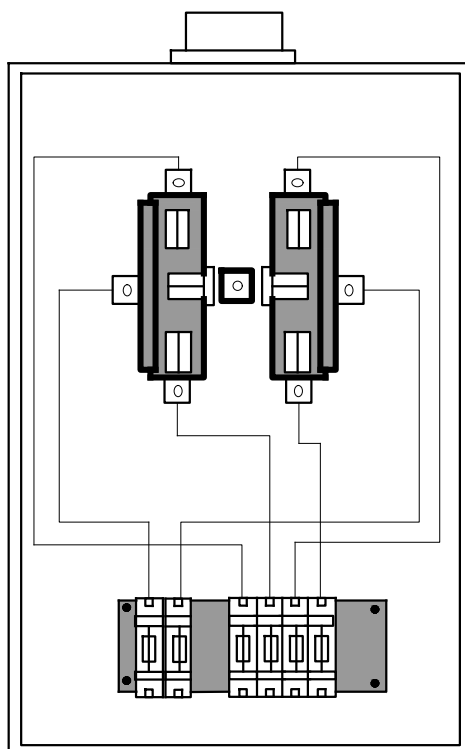


USE: 120/240V, SINGLE-PHASE,
3-WIRE, 401A -800A

SOCKET REQUIREMENTS WITH INSTRUMENT TRANSFORMERS, SINGLE-PHASE AND THREE-PHASE



NOTES:

1. THE CUSTOMER SHALL PROVIDE AND INSTALL AN APPROVED 6 TERMINAL, RING-TYPE, PRE-WIRED SOCKET WITH TEST SWITCH, AS SHOWN.

APPROVED MANUFACTURERS:

MILBANK, CATALOG NO. UC7636-YL-TGE-DES

DURHAM, CATALOG NO. RSTL6-2K503

COOPER B-LINE, CATALOG NO. W12146

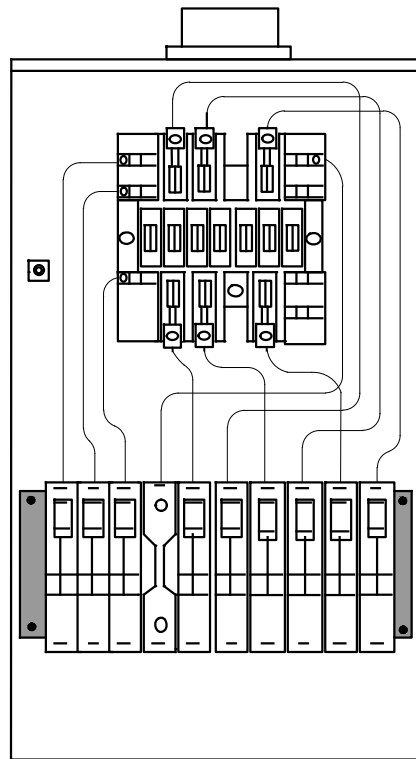


DURHAM, CATALOG NO. RSTL6-2K978

2. THE CUSTOMER SHALL PROVIDE AND INSTALL THE CONDUIT FOR THE METERING WIRE FROM THE CURRENT TRANSFORMERS (CT) ENCLOSURE TO THE METER SOCKET ENCLOSURE. CONDUIT SHALL ENTER THE METER SOCKET ENCLOSURE AT THE HUB OR THE PRECUT KNOCK-OUTS AND MEET THE FOLLOWING REQUIREMENTS;
 - a. CONDUIT SHALL NOT INTERFERE WITH THE OPERATION OF THE TEST SWITCH.
 - b. METERING CONDUIT SHALL NOT HAVE MORE THAN THREE 90 DEGREE BENDS, OR ANY COMBINATION OF BENDS GREATER THAN 270 DEGREES.
 - c. THE METERING CONDUIT SHALL NOT EXCEED 120 FEET IN MAXIMUM LENGTH.
 - d. 2 INCH CONDUIT IS REQUIRED FOR RUNS THAT ARE IN EXCESS OF 50 FEET. 1 1/4 INCH CONDUIT MAY BE USED IF LENGTH IS 50 FEET OR LESS AND BENDS DO NOT EXCEED 90 DEGREES.
 - e. A PULL ROPE MUST BE INSTALLED IN CONDUIT RUNS IN EXCESS OF 50 FEET.
 - f. ACCESSIBLE AND SEALABLE PULLING JUNCTIONS MUST BE APPROVED BY DESIGN SERVICES AND MAY NOT BE MODIFIED, AS MODIFICATION WOULD VOID THE UL LISTING OF THE EQUIPMENT.
 - g. CONDUIT SHALL ENTER CT ENCLOSURE SUCH THAT IT IS NOT BLOCKED BY THE BUS BARS, REFER TO SR-422 FOR APPROVED CONDUIT ENTRANCE LOCATIONS AND TYPICAL CT ENCLOSURES.
3. SERVICE PROVIDER WILL PROVIDE METERING WIRE FROM CURRENT TRANSFORMERS TO TEST SWITCH.
4. AUTOMATIC CIRCUIT CLOSING DEVICES ARE NOT PERMITTED IN SOCKETS USED ON SERVICE PROVIDER'S SYSTEM .

USE: THREE-PHASE,
201A - 4000A &
PRIMARY METERING

SOCKET REQUIREMENTS WITH INSTRUMENT TRANSFORMERS SINGLE-PHASE AND THREE-PHASE



NOTES:

1. THE CUSTOMER SHALL PROVIDE AND INSTALL AN APPROVED 13 TERMINAL, RING-TYPE, PRE-WIRED SOCKET WITH TEST SWITCH, AS SHOWN.

APPROVED MANUFACTURERS:

MILBANK, CATALOG NO. UC7461-YL-TGE-DES



DURHAM, CATALOG NO. RSTL13-2K504

COOPER B-LINE, CATALOG NO. W121413



DURHAM, CATALOG NO. RSTL13-2K979

2. THE CUSTOMER SHALL PROVIDE AND INSTALL THE CONDUIT FOR THE METERING WIRE FROM THE CURRENT TRANSFORMERS (CT) ENCLOSURE TO THE METER SOCKET ENCLOSURE. CONDUIT SHALL ENTER THE METER SOCKET ENCLOSURE AT THE HUB OR THE PRECUT KNOCK-OUTS AND MEET THE FOLLOWING REQUIREMENTS;
 - a. CONDUIT SHALL NOT INTERFERE WITH THE OPERATION OF THE TEST SWITCH.
 - b. METERING CONDUIT SHALL NOT HAVE MORE THAN THREE 90 DEGREE BENDS, OR ANY COMBINATION OF BENDS GREATER THAN 270 DEGREES.
 - c. THE METERING CONDUIT SHALL NOT EXCEED 120 FEET IN MAXIMUM LENGTH.
 - d. 2 INCH CONDUIT IS REQUIRED FOR RUNS THAT ARE IN EXCESS OF 50 FEET. 1 1/4 INCH CONDUIT MAY BE USED IF LENGTH IS 50 FEET OR LESS AND BENDS DO NOT EXCEED 90 DEGREES.
 - e. A PULL ROPE MUST BE INSTALLED IN CONDUIT RUNS IN EXCESS OF 50 FEET.
 - f. ACCESSIBLE AND SEALABLE PULLING JUNCTIONS MUST BE APPROVED BY DESIGN SERVICES AND MAY NOT BE MODIFIED, AS MODIFICATION WOULD VOID THE UL LISTING OF THE EQUIPMENT.
 - g. CONDUIT SHALL ENTER CT ENCLOSURE SUCH THAT IT IS NOT BLOCKED BY THE BUS BARS, REFER TO SR-422 FOR APPROVED CONDUIT ENTRANCE LOCATIONS AND TYPICAL CT ENCLOSURES.
3. SERVICE PROVIDER WILL PROVIDE METERING WIRE FROM CURRENT TRANSFORMERS TO TEST SWITCH.
4. AUTOMATIC CIRCUIT CLOSING DEVICES ARE NOT PERMITTED IN SOCKETS USED ON SERVICE PROVIDER'S SYSTEM .

 Tucson Electric Power	 SANTA CRUZ COUNTY	INITIATED BY	SC	REVISION NO.	24	SR-414 Pg. 2 of 2
		ESR COMM.	8-77	ESR COMM.	10-24	
				EFFECTIVE DATE	10-24	