FOUR WIRE DELTA METERING
FOR USE WITH CURRENT TRANSFORMERS

4.06.19
REV ONLY: MANO

FOUR WIRE DELTA COMBINER
BANK TRANSFORMERS
120/240V FROM 1 AND 2
240V 3φ FROM 1, 2 AND 3

CROSS CONNECTED CTs
MUST BE TWICE THE RATIO OF THE SINGLE CT

SINGLE CT MUST BE ON THE HIGH LEG

LOAD
SINGLE PHASE
120/240V

LOAD 3φ
240V DELTA

BLACK-WHITE
RED-WHITE
GREEN-WHITE
ORANGE-BLACK

BLACK
ORANGE-BLACK
GROUND STUD

NOTES:
CUSTOMER TO FURNISH AND INSTALL “NATIONAL ELECTRICAL CODE” GRADE STEEL CABINET OF ADEQUATE SIZE FOR THE CURRENT TRANSFORMERS AND ALL WIRING CONNECTIONS

SERVICE ENTRANCE NEUTRAL MUST BE BONDED TO CURRENT TRANSFORMER CABINET
CUSTOMER TO FURNISH AND INSTALL 1” CONDUIT FROM CT CABINET TO ALTER TEST CABINET

FOR LUG CONNECTIONS ON CURRENT TRANSFORMERS
UP TO 400 AMPERES MINIMUM BOLT SIZE 3/8”
OVER 400 AMPERES MINIMUM BOLT SIZE 1/2”

Revised ________ By ________
DESIGN ENTRY BY: JOE LEE

ISSUED DATE 06-26-08