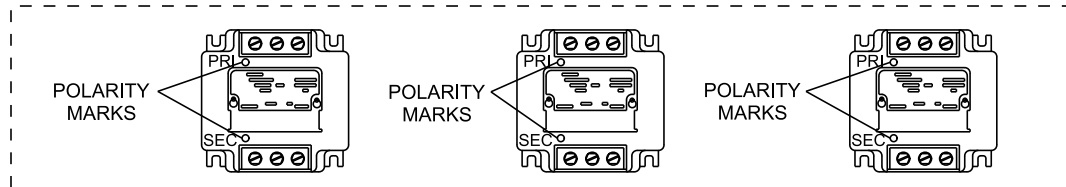


NOTES:

1. FOR SERVICES > 600A
BUSS BAR REQUIRED
2. FOR SERVICES ≤ 600A
CABLE CONNECTION
ALLOWED



NOTES:

1. CT'S & PT'S IF REQUIRED WILL BE SUPPLIED BY EPCOR
2. THE NEUTRAL CONDUCTOR MUST BE RUN INTO THE INSTRUMENT TRANSFORMER ENCLOSURE. THE CUSTOMER MUST INSTALL AN ISOLATED NEUTRAL BLOCK TO THE ENCLOSURE
3. THE POLARITY MARK INDICATES THE LINE SIDE OF THE TRANSFORMER
4. THE ISOLATED NEUTRAL BLOCK MUST BE INSULATED FROM THE ENCLOSURE
5. WHERE PARALLEL CONDUCTORS ARE USED FOR GREATER AMPACITY ONLY ONE NEUTRAL CONDUCTOR NEEDS TO BE CONNECTED TO THE ISOLATED NEUTRAL BLOCK
6. IF A NEUTRAL CONDUCTOR IS NOT REQUIRED BEYOND THE ISOLATED NEUTRAL BLOCK IN THE INSTRUMENT ENCLOSURE, THEN THE NEUTRAL CONDUCTOR (WHITE) FROM THE MAIN SERVICE DISCONNECT TO THE INSTRUMENT TRANSFORMER ENCLOSURE NEED ONLY BE SIZED ACCORDING TO TABLE 16 OF THE CANADIAN ELECTRICAL CODE PART ONE (CEC 10-204)
7. THE NEUTRAL CONDUCTOR FROM THE MAIN SERVICE DISCONNECT NEUTRAL TERMINAL BLOCK TO THE INSTRUMENT TRANSFORMER MUST BE INSULATED
8. POTENTIAL TRANSFORMERS MUST HAVE SUFFICIENT SPACING TO ALLOW FOR METER WIRING (10cm) AND MUST BE MOUNTED ON THE BACK, SIDES, BOTTOM, OR ON DESIGNATED BRACKET INSIDE CABINET

20170329 14:30 r lawrie

EPCOR
CUSTOMER CONNECTION
GUIDE

THREE PHASE INSTRUMENT TRANSFORMERS
FOR INSTALLATIONS OVER 200 AMP
ENCLOSURE LAYOUT DIAGRAM

DATE REVISED:
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