

THIRD CT "C" REQUIRED IF LINE TO NEUTRAL LOADS ARE PRESENT

Note: For parallel unit installation CTs must be installed on the load side of the DPM power connection point.

CUSTOMER INCOMING POWER

CUSTOMER LOAD

IMPORTANT!
INSTALL CURRENT SENSORS WITH THE ARROWS AND THE A, B, (C) MARKINGS ON EACH SENSOR AS SHOWN ABOVE. INSTALLATION ON PROPER PHASE AND IN CORRECT DIRECTION IS CRITICAL. BLACK WIRE ON MESTA SUPPLIED (FLEX-CORE) CT'S IS POSITIVE(+)

BRANCH CIRCUIT PROTECTION DEVICE SUPPLIED BY CUSTOMER. SEE NOTES 1 & 2

NEAREST BUILDING STRUCTURAL STEEL TO COMPLY WITH LOCAL AND NATIONAL ELECTRICAL CODES

INSTALLATION NOTES:

1. Carefully read the installation section of the owner's manual prior to installing this equipment.
2. Mesta DPM is a parallel installed device. Input connections specified are the only power connections to be made.
3. Branch Circuit Protection Device Current Rating: 400 Amps. (Supplied by Customer)
4. Input Wiring Current Rating: 400 Amps (2 conductors per pole)

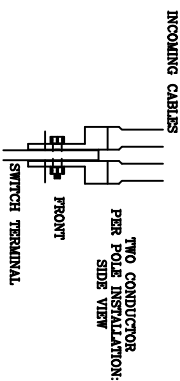
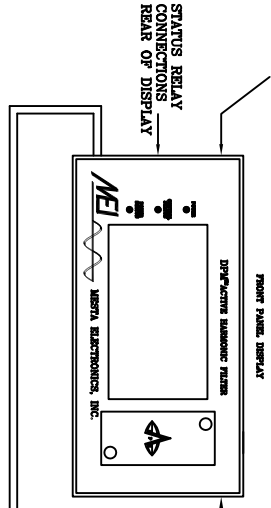
Danger!
Secondary leads of CT's (current sensors) must be properly terminated on P1 of the CT Interface Board (with a tightening torque of 4 in.lb) BEFORE the circuit being measured by the CT's is energized. Failure to do so may result in LETHAL VOLTAGE and severe damage to the CT's.

DISCONNECT SWITCH

FACTORY INSTALLED JUMPERS ON P2 MUST REMAIN IN PLACE FOR SINGLE SYSTEM INSTALLATION

ATTENTION!
Always connect first 2 CT's to terminals A & B of P1. Terminal C is only used for a 3rd CT.

ENCLOSURE FRONT VIEW



| REV | DESCRIPTION | DATE | BY | CHK |
|-----|--|------------|----|-----|
| 1 | 300 AMP DPM 3RD GEN N1 CUSTOMER INSTALL. | 09/28/2018 | ME | ME |
| 2 | 300 AMP DPM 3RD GEN N1 CUSTOMER INSTALL. | 09/28/2018 | ME | ME |
| 3 | 300 AMP DPM 3RD GEN N1 CUSTOMER INSTALL. | 09/28/2018 | ME | ME |
| 4 | 300 AMP DPM 3RD GEN N1 CUSTOMER INSTALL. | 09/28/2018 | ME | ME |
| 5 | 300 AMP DPM 3RD GEN N1 CUSTOMER INSTALL. | 09/28/2018 | ME | ME |
| 6 | 300 AMP DPM 3RD GEN N1 CUSTOMER INSTALL. | 09/28/2018 | ME | ME |
| 7 | 300 AMP DPM 3RD GEN N1 CUSTOMER INSTALL. | 09/28/2018 | ME | ME |
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