

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

CURRENT SENSORS

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

MESTA SUPPLIED CURRENT SENSOR WIRE LENGTH IS 12FT. (DO NOT LENGTHEN TO MORE THAN 40FT)

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

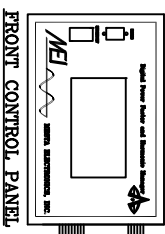
IMPORTANT!
INSTALL CURRENT SENSORS WITH THE ARROWS, AND THE A,B,(C) MARKINGS ON EACH SENSOR AS SHOWN ABOVE. INSTALLATION ON PROPER PHASE AND IN CORRECT DIRECTION IS CRITICAL. BLACK WIRE ON MESTA SUPPLIED (FLEX-CORE) CT'S IS POSITIVE(+)

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.

STATUS RELAY CONNECTIONS
0 Common @ 128 VAC CT
1.0 amps @ 24 VDC

- 6 N.C. N.O. 6
- 7 COMMON COMMON 4
- 8 N.O. N.C. 3
- 9 N.C. N.O. 2
- COMMON 1



INTERFACE CABLE (24-45)

ETHERNET COMMUNICATIONS
RS232 SERIAL COMMUNICATIONS

45400076.00 CUSTOMER INTERFACE BD.

CONNECT TO A POINT ON THE ENCLOSURE STRUCTURE TO COMPLY WITH LOCAL AND NATIONAL ELECTRICAL CODE.

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 Amperes. (Supplied by Customer)
 4. Input Wiring Current Rating: 400 Amperes.
- Input wiring size should be selected according to the current rating indicated above and in accordance with the applicable national and local electric and electronic codes.

REV	DESCRIPTION	DATE	BY	CHKD
1	REVISED TO ADD CT'S	05/27/14	ME	ME
2	REVISED TO ADD CT'S	05/27/14	ME	ME
3	REVISED TO ADD CT'S	05/27/14	ME	ME
4	REVISED TO ADD CT'S	05/27/14	ME	ME
5	REVISED TO ADD CT'S	05/27/14	ME	ME
6	REVISED TO ADD CT'S	05/27/14	ME	ME
7	REVISED TO ADD CT'S	05/27/14	ME	ME
8	REVISED TO ADD CT'S	05/27/14	ME	ME
9	REVISED TO ADD CT'S	05/27/14	ME	ME