

**⚠️ ⚠️ 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.

FACTORY INSTALLED WIRE WIRE LENGTH IS 12FT. (DO NOT LENGTHEN TO BEYOND 40FT. MAX.)

**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(+)

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

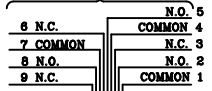
NEAREST BUILDING STRUCTURAL STEEL TO COMPLY WITH LOCAL AND NATIONAL ELECTRICAL CODES

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

**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  
0.5amps @ 125 VAC or  
1.0 amps @ 24 VDC



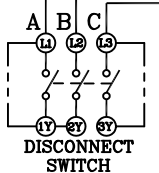
ETHERNET COMMUNICATIONS

RS232 SERIAL COMMUNICATIONS

45400076.00  
CUSTOMER INTERFACE BD.



INTERFACE CABLE (RJ-45)



ENCLOSURE FRONT VIEW

**INSTALLATION NOTES:**

- Carefully read the installation section of the owner's manual prior to installing this equipment
- Mesta DPM is a parallel installed device. Input connections specified are the only power connections to be made.
- Branch Circuit Protection Device Current Rating: 70 Amperes. (Supplied by Customer)
- Input Wiring Current Rating: 70 Amperes.

Input wiring size should be selected according to the current rating indicated above and in accordance with the applicable national and local electric codes.

5. 50 amp DPM Disconnect Switch: one conductor per pole

- ⚠️ Rev.'D'\_REQUIRED IF LINE TO NEUTRAL LOADS ARE PRESENT (06/07/06)
- Ⓜ️ Rev.'C'\_PC-BOARD 45400073 POLARITY CHANGE (08/28/07)
- Ⓜ️ Rev.'B'\_PC-BOARD 45400050 CHANGES TO 45400073. (01/23/07)
- ⚠️ Rev.'A'\_CURRENT SENSOR 'C' MADE OPTIONAL (11/08/06)
- Ⓜ️ Rev.'E'\_PC-BOARD 45400076 NEW Interface/control panel(08/19/09)

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