

PCMNET and PCM400 preferred Modbus Connection Wiring Diagram

To properly terminate the Modbus RS485 network and minimize data errors, this is the preferred connection and termination.

Rev E, 3/3/2004, added MCB80-Modbus, Sht 3

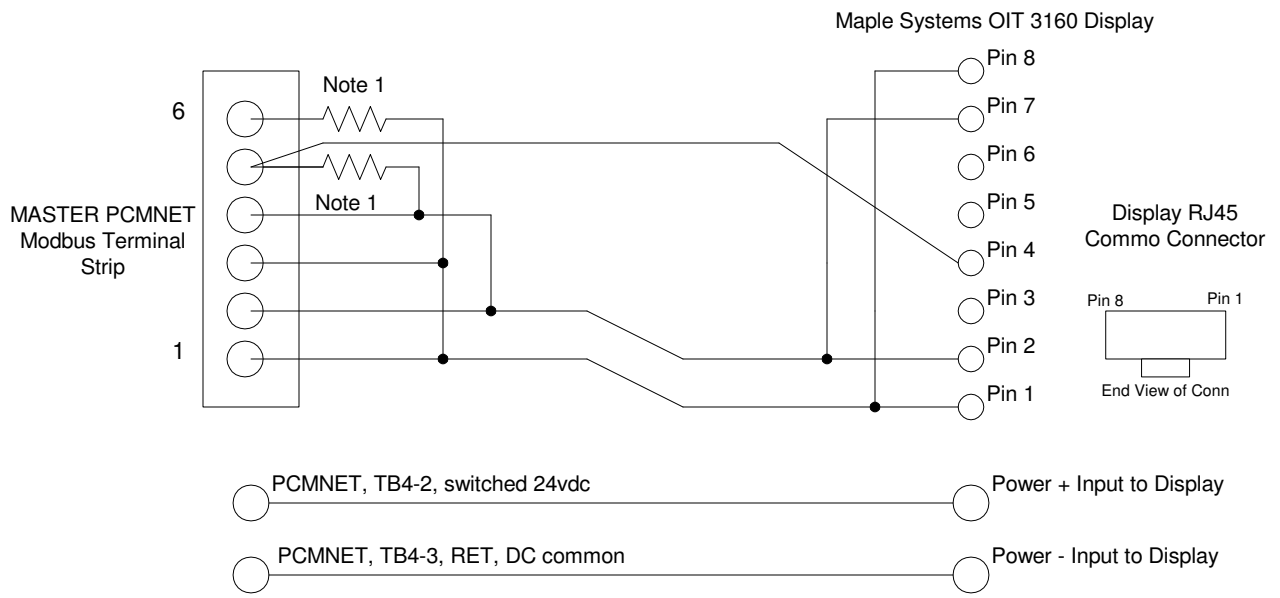
Rev D, 10/9/2003, added Hussmann Disp, Sht 3

Rev C, 6/6/2003, added Opto22 B3000 Wiring, Sht 2

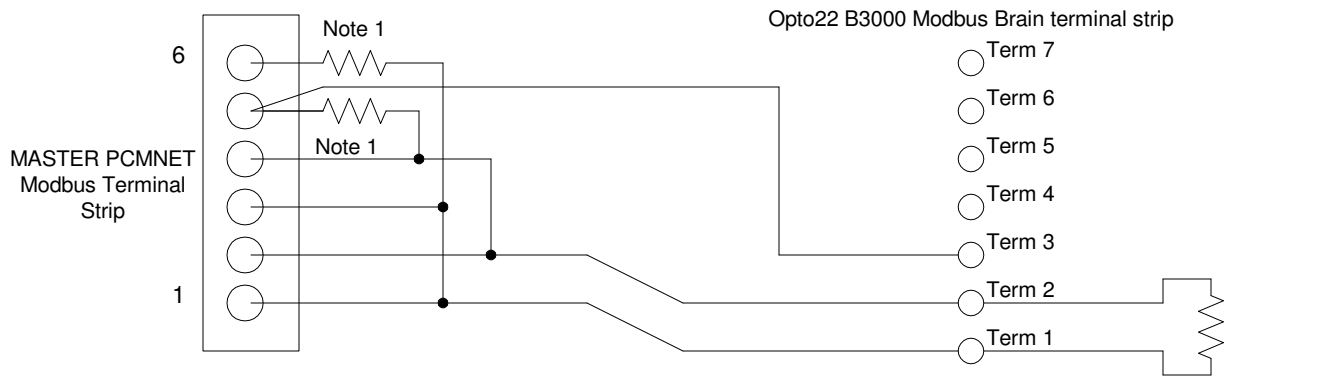
Rev B, 3/9/2003, added Maple Systems Wiring, Sht 2

Modbus RS485 Connections for the PCMNET		SIZE	FSCM NO	DWG NO	REV
DRAWN	RLF	A		Modbus Wiring Diagram.vsd	E
ISSUED	3/3/2004	SCALE	1 : 1	SHEET	1 OF 3

4 | 3 | 2 | 1



Typical Connection from PCMNET to Maple Systems OIT Display, RS485, 3-wire configuration



Note: Termination jumpers (bank of 9 jumpers) should ALL BE REMOVED
 Note: Baud Rate jumpers 0, 3 and 4 should be installed for 9600 Baud (all others removed)
 Note: Address jumpers set per Opto22 B3000 documentation
 Example: For address 2, install jumper 1 only (note, jumper numbering starts with 0)

Typical Connection from PCMNET to Opto22 B3000, RS485, 3-wire configuration

Modbus RS485 Connections for the PCMNET			
DRAWN	RLF	SIZE	A
ISSUED	3/3/2004	SCALE	1 : 1
		FSCM NO	
		DWG NO	Modbus Wiring Diagram.vsd
		SHEET	2 OF 3
		REV	E

4 | 3 | 2 | 1

