



**NOTES:**

1- PROGRAMMING PLUG STATUS:

NO.	FUNCTION	PLUG POSITION (X = CLOSED, O = OPEN)			
		1	2	3	4
1	SOFT-ON, SOFT-OFF	X	O	-	-
2	SOFT-ON, INSTANT-OFF	O	X	-	-
3	PUSH BUTTON START	-	-	X	O
4	120Vac START	-	-	O	X

- 2- ADJUST BIAS POT R2 FOR 0% SCR OUTPUT WITH CURRENT COMMAND VOLTAGE AT MINIMUM
- 3- ADJUST SPAN POT R3 FOR 100% SCR OUTPUT WITH CURRENT COMMAND VOLTAGE AT MAXIMUM
- 4- FOR mA COMMAND SIGNAL: SELECT R14 FOR 4.0 VDC MAXIMUM COMMAND VOLTAGE AT TP9.
- 5- SELECT R4 FOR 1.00 VDC FULL LOAD CURRENT FEEDBACK SIGNAL
- 6- FOR AUTOMATIC OVERCURRENT RESET: INSTALL C2, CR10, CR13.
- 7- FOR CURRENT LIMIT OPERATION: INSTALL R16, INSTALL CR8 IN PLACE OF R11.
- 8- FOR INCREASED STABILITY MARGIN: INSTALL C7, CHANGE R11 TO 53.6 KOhms. OMIT R41 AND R52 ON FCOG6100 SCR FIRING BOARD.
- 9- SELECT C6 TO DETERMINE RESPONSE TIME.
- 10- FOR INCREASED CURRENT TRIP MARGIN: CHANGE R17 TO 7.50K.

<b>ENERPRO</b> GOLETA, CA		Title <b>CURRENT TRIP / REGULATOR CT FEEDBACK BOARD</b>		
Approvals	Date			
Drawn: JM	04-30-19	Drawing Number <b>CTRCT-1</b>		
Verified: <ver>	mm-dd-yy			
		E Number <b>E207</b>		Rev <b>C</b>
		Date: Thursday, May 09, 2019		
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