



- NOTES:**
- Match C23 & C29 to +/- 1%.
 - Mount R1-R6 flush to the board
 - Install JU1 and JU2 for 2-30 gate pulse bursts. Use this pulse profile for rectifiers with normal load inductance; otherwise, gating is 1-120 burst mode.
 - For 50 Hz operation:
 - move P5 to pins 2 & 3 of J5
 - change RN4 to 150kOhm
 - change C23 & C29 to 0.33uFd (matched 1%)
 - Factory selected resistance.
 - For manual auto balance:
 - Install R11
 - Omit U12, R48, R49, JU4 & JU5
 - For off-board auto balance:
 - Install JU4, JU5, & R48
 - Omit U12, R11, & R49
 - For on-board auto balance:
 - Install U12, R48, & R49
 - Omit R11, JU4, & JU5
 - Optional 1.5k pull-down resistor R37, connect I2 to +12V for soft-start. R42 must be omitted.
 - For current signal input, select R40 to give SIG HI = +6.0V with maximum signal current.
 - Select C31 capacitance in conjunction with SIG HI source resistance to reduce the firing circuit bandwidth (optional).

RN60 RESISTORS (KOhms)			
R20	8.87	R37	(7)
R21	1.50	R38	34.0
R22	100	R39	10.0(8)
R23	2.67	R40	10.0
R24	100	R41	1.50
R25	249	R42	1.50
R26	47.5	R43	10.0
R27	32.4	R44	2.00
R28	10.0	R45	475
R29	20.0	R46	OMIT
R30	34.0	R47	47.5
R31	8.87	R48	10.0(6)
R32	53.6	R49	10.0(6)
R33	23.2	R50	100
R34	750	R51	100
R35	SEL	R52	OMIT
R36	115		