



NOTE: FOR SSAM

NOTE:

INPUT	RXV	RYV
<150V	100K	1K
<250V	200K	1K
DRT-2	10K	N.U.
NTM	10K	1K

NOTE:

INPUT	RXA	RYA
DRT-2	0 OHM	N.U.
1mA	0 OHM	1K
100mA	0 OHM	10 OHM

NO ISOLATION!!

1. WARNING! NO ISOLATION USE P.T. & C.T. ONLY
2. USE EXT. SHUNT (0.04 OHM 5W) FOR 5 AMPS F.S.~200mV & R25 & R26=20K(G=5)
3. FOR VOLTS OR AMPS ONLY (NO WATTS), USE RV/A & DELETE U3 & C15
4. SET FOR~120VAC (RXV & RYV) & 5A (RXA)F.S. ~ 600 W ~0.200mV F.S.
5. SELECT R25 & R26 FOR GAIN
6. SELECT RXV/RV & RXA/RVA FOR OTHER INPUTS
7. CAN BE USED AS I OR V MULTIPLIER
8. SELECT R3/R11 OR R4/R12 FOR BALANCING SIGNALS @ F.S. INPUT

- SC-WAVD: VOLTS DC Z1, RV
 SC-WAAD: AMPS DC Z2, RA
 SC-WAWD: WATTS DC Z1, Z2, U3
 SC-WAVA : VOLTS RMS U1 RV
 SC-WAAA : AMP RMS U2, RA
 SC-WAWR WATTS: AC/DC U1, U2, U3

ENGINEERING APPROVALS		
POSITION	NAME	DATE
ORIGINATOR		
REVIEWER		
APPROVER		

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TITLE: WATTS AC/DC SIG. CONDITIONER			
NUMBER: 91-SC-WA		REVISION: D	
DATE: 30-Nov-2020	TIME: 07:08:00	SHEET: 1 OF 1	
FILE: Z:\Current Products\SC SERIES\PCBs\A81-SC-XX\80-SC-WA\80-SC-WA.ddb - Documents\REV D\91-SC-WA REV D			

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