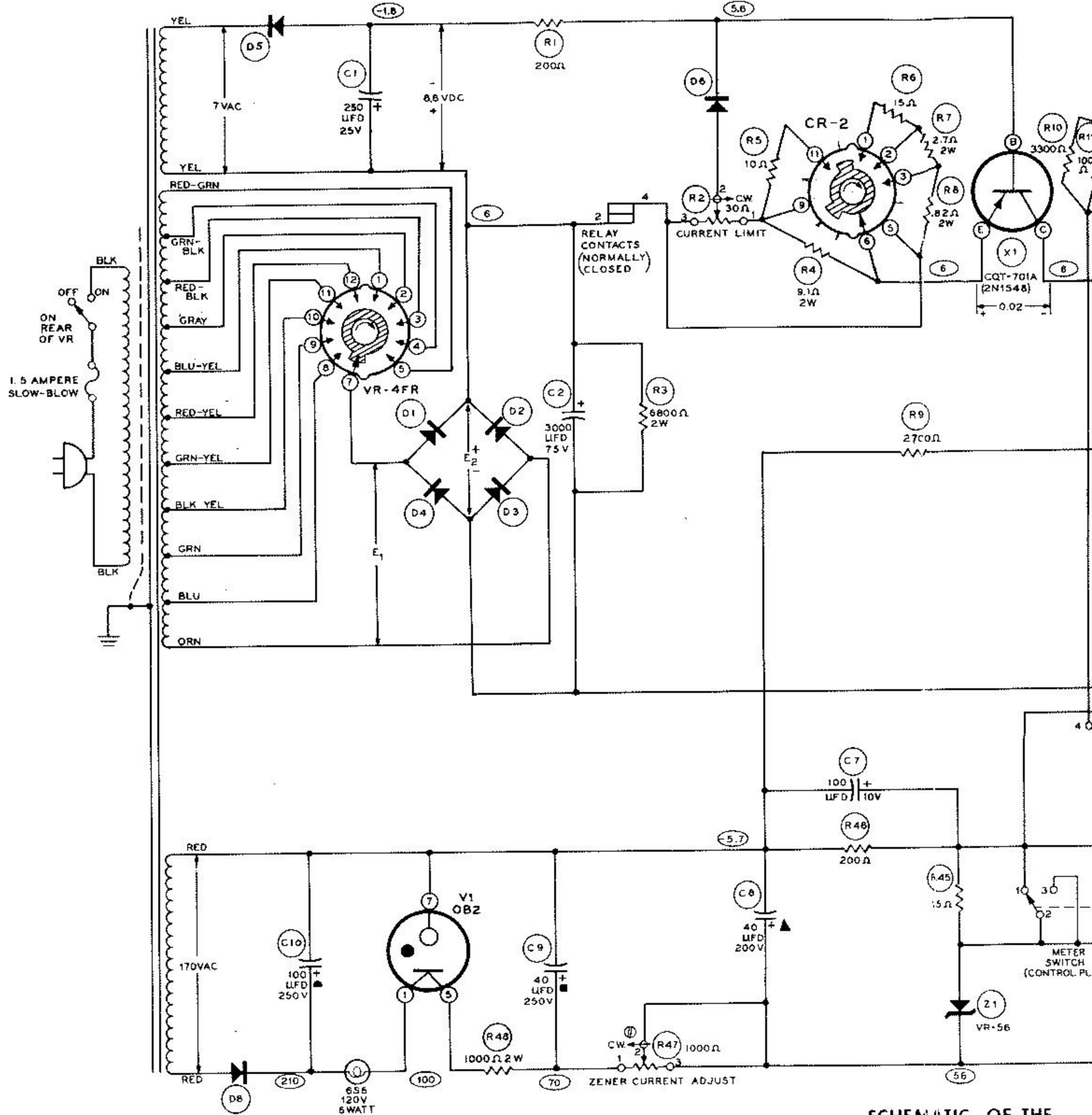




SCHEMATIC OF THE HEATHKIT® TRANSISTORIZED REGULATED POWER SUPPLY MODEL IP-20

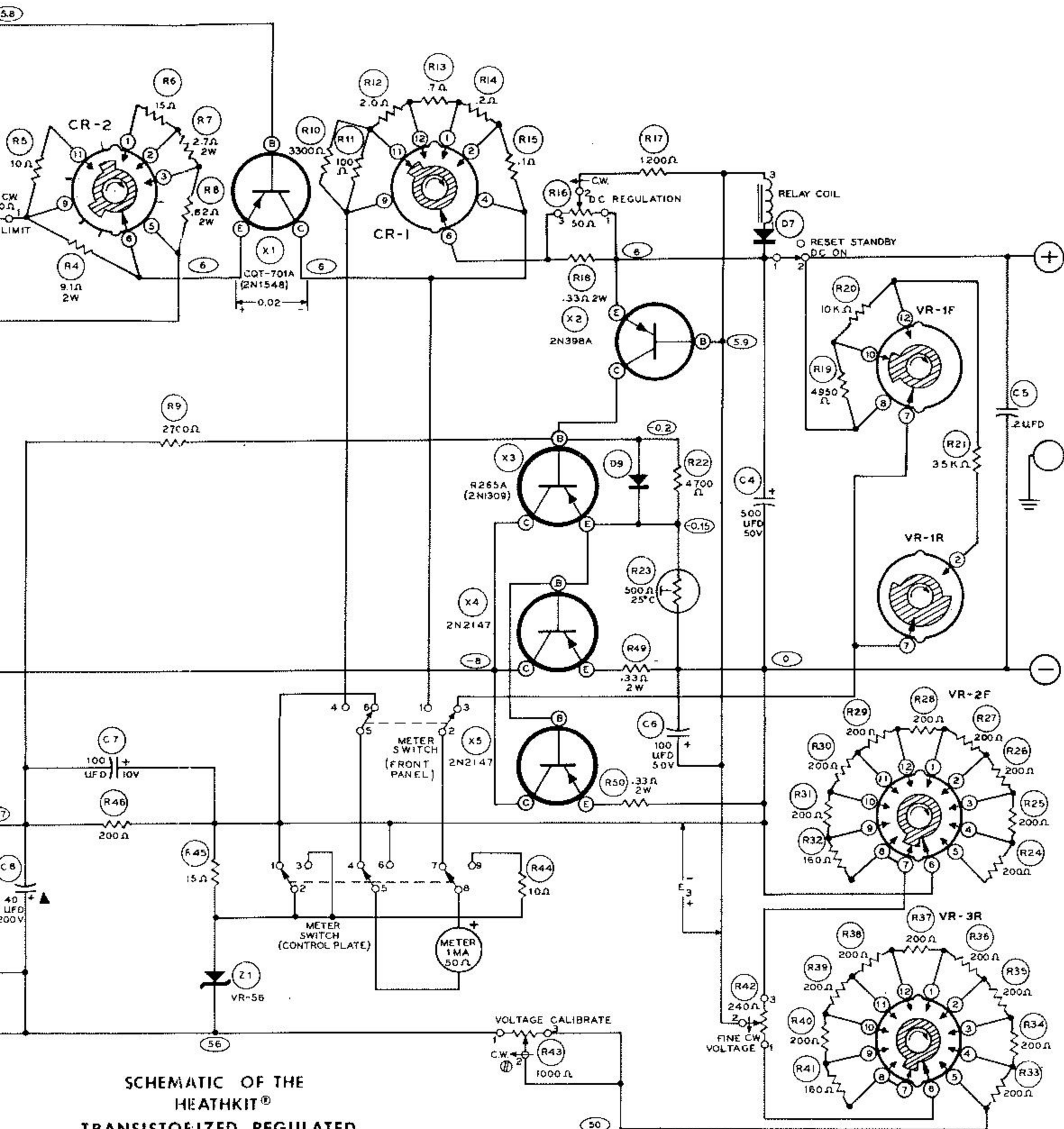
- NOTES:
- ALL VOLTAGES TAKEN AT 117 VOLTS, 60 CPS INPUT.
 - ALL VOLTAGES READ WITH A VTVM.
 - CONTROLS SET AS FOLLOWS FOR VOLTAGE MEASUREMENTS:

VOLTAGE RANGE	5
CURRENT RANGE	1.5 A
FINE VOLTAGE	MAX clockwise
CURRENT LIMIT	MAX clockwise
TOGGLE SWITCH	Reset-standby
METER SWITCH	Voltage
 - ALL VOLTAGES MEASURED FROM NEGATIVE (-) OUTPUT TERMINAL UNLESS OTHERWISE INDICATED. ○ INDICATES VOLTAGE READING.
 - ALL VOLTAGES ARE DC UNLESS OTHERWISE INDICATED.
 - VOLTAGE READINGS CAN VARY ±10%.
 - OUTPUT UNLOADED.
 - ROTARY SWITCHES SHOWN IN MAXIMUM COUNTERCLOCKWISE POSITION.

POSITION OF VR	E1 VOLTS AC	E2 VOLTS DC	E3 VOLTS DC
5	10	14	6
10	15	21	10
15	20	28	15
20	25	35	20
25	29	41	25
30	33	47	30
35	38	54	35
40	43	60	40
45	47	68	45
50	53	74	50

Set controls as in note 3 except for Voltage Range (VR) switch.

ALL RESISTANCES IN OHMS K = 1000.
ALL RESISTORS 1/2 WATT UNLESS OTHERWISE SPECIFIED



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