GENERAL ELECTRIC

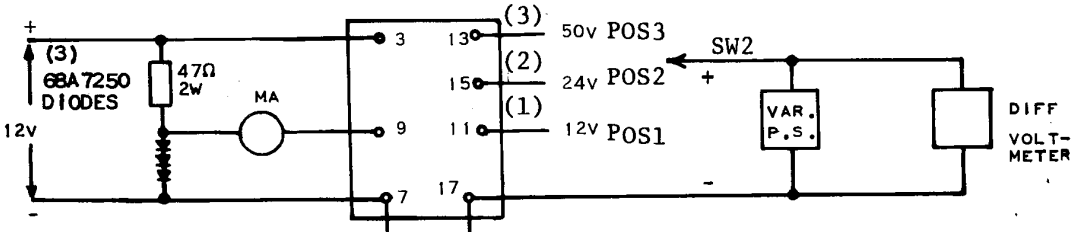
REV NO. A	TITLE	68A989093 CONT ON SHEET 2 SH NO. 1
68A989093 CONT ON SHEET 2 SH NO. 1	REGULATOR AMPLIFIER TEST SPECIFICATIONS	
	FIRST MADE FOR STANDARD LINE	

IC3600SPSV1 SH. 3.0

ELEMENTARY IC3600SPSA1B, SH. 3.0
IC3600SPSU1, SH. 3.0

A. TESTS TO BE MADE
1. COMPONENT CHECK
2. GAIN CURVE

B. TEST CONNECTION: CONNECT PS1 @ 12.0V TO PIN 3, PS2 @ 12.6V TO AUX CARD



C. GAIN CURVE (SW1 POS.2) (SW3 ON) (SW2 POS.1)

1. THE 12 VOLT INPUT CONNECTION SHOULD BE CHECKED FIRST. WITH THE INPUT VOLTAGE SET at 12.6V. VOLTS ±5MV, THE OUTPUT CURRENT MUST BE ADJUSTABLE OVER THE RANGE OF 0 TO 150MA. BY MEANS OF THE CARD MOUNTED POTENTIOMETER (R56). THE OUTPUT CURRENT MUST BE ADJUSTABLE OVER THE SAME RANGE WITH INPUT VOLTAGE OF 11.400 VOLTS.
2. WITH R56 SET JUST AT POSITION WHERE CURRENT GOES TO ZERO, THEN THE OUTPUT CURRENT MUST VARY FROM 10 TO 100MA DUE TO A CHANGE OF INPUT VOLTAGE OF FROM 10 TO 40 MILLIVOLTS. IF THIS FAILS RECHECK R56 FOR STEP 1 @ 11.4V IN.
3. WITH AN INPUT VOLTAGE OF 12 VOLTS ±5MV SET OUTPUT CURRENT AT 50MA ±5MA. CONNECT (SW2 POS. 2) INPUT VOLTAGE FOR 24 VOLTS AND ADJUST INPUT TO AGAIN OBTAIN 50MA ±5MA. INPUT VOLTAGE MUST BE IN THE RANGE OF 24.6 VOLTS ± 0.48V.
4. (SW2 POS. 3) REPEAT STEP 3 WITH AN INPUT VOLTAGE OF 52.8 VOLTS ± 1.0 V.

(SW3 OFF, SW2 N/A FOR NEXT TEST STEP. REMOVE BOTH SUPPLIES)

REVISIONS

4	8-8-67 E.G. HAYES	DELETED PART D
5	6-1-73 REM	ECN 9-12-69
6		
7	7MAY86 JMT	ADDED ELEMENTARY NUMBERS 10/20/65 V.M.S. 6-1547 E.G. Hayes

2520
D412
PRINTS TO

MADE BY S. BEVERLY	APPROVALS M.W.C.	DIV OR DEPT INDUSTRY CONTROL	68A989093
ISSUED January 31, 1964		LOCATION SALEM, VIRGINIA	CONT ON SHEET 2 SH NO. 1
			CODE IDENT NO.

FF-603 WF (8-63)
PRINTED IN U.S.A.

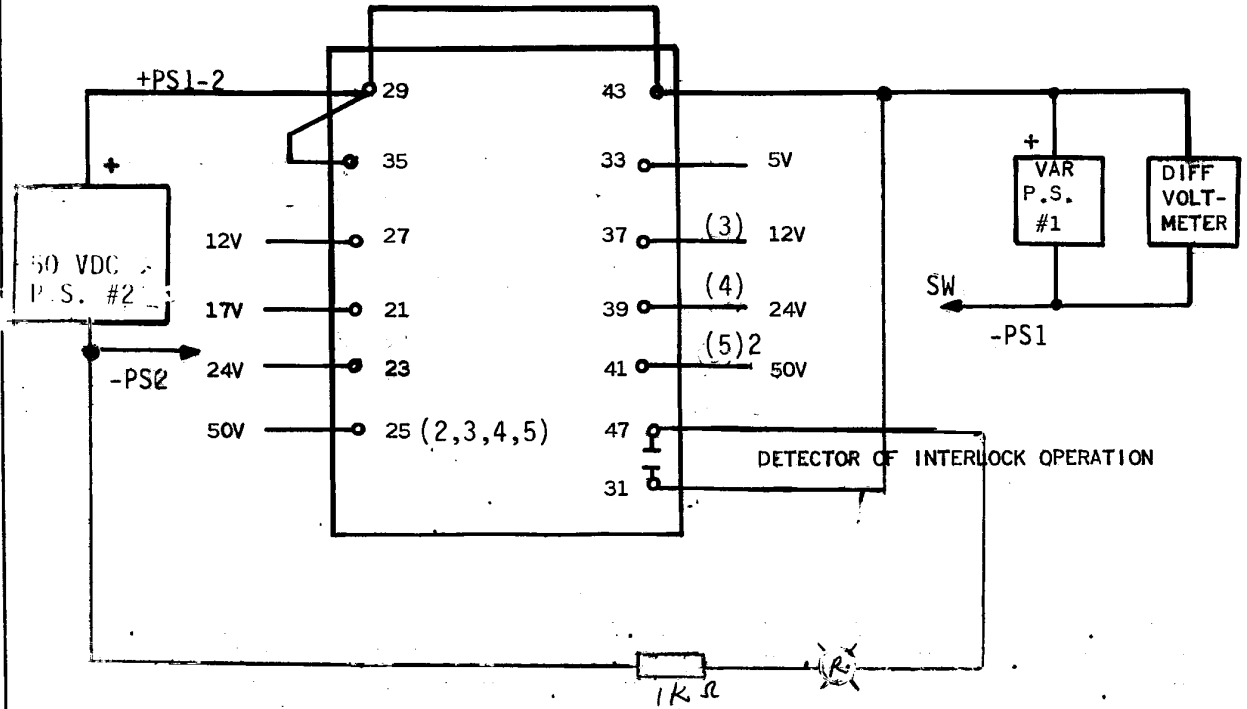
TITLE
INDIVIDUAL BUS MONITOR
TEST SPECIFICATIONS

FIRST MADE FOR STANDARD LINE

ELEMENTARY IC3600SPSB1B, SH. 3.0 - 3.1
IC3600SPSP1A, SH. 3.0 - 3.1
IC3600SPSV1 SH. 3.0-3.1
IC3600SPSC1 SH. 3.0-3.1
IC3600SPST1 SH. 3.0-3.1
IC3600SPSR1 SH. 3.0-3.1

A. TESTS TO BE MADE
1. COMPONENT CHECK
2. OPERATION CHECK

B. TEST CONNECTION RECONNECT POWER SUPPLIES AS ILLUSTRATED BELOW.



REVISIONS
REV. 6 5-23-69 E.G.H.
REV. 7 6-16-69 ACW
B REV 6-1-73
B047841 IZMAY86 JMT
4 6-13-67 EG Hanes
9) 7MAY86 JMT
10) 23JUL86 JMT

2520
D612
PRINTS TO

MADE BY V.M. STOCKTON
ISSUED May 12, 1966
APPROVALS MWC
INDUSTRY CONTROL DIV OR DEPT.
SALEM, VIRGINIA LOCATION
68A989093
CONT ON SHEET 3 SH NO. 2
CODE IDENT NO

FF803-WF (10-68)
PRINTED IN U.S.A.

REV NO. C

68A989093

CONT ON SHEET FL. SH NO. 3

TITLE INDIVIDUAL BUS MONITOR
TEST SPECIFICATIONS

FIRST MADE FOR STANDARD LINE

REVISIONS

C. COMPONENT CHECK (SW1 POS. 2)

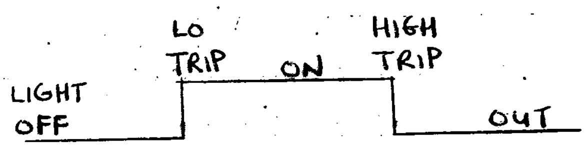
1. CONNECT PS#2 TO TERMINAL 25 AND PS#1 TO 41. SET BOTH SUPPLIES TO 50 VOLTS.
2. THE VOLTAGE FROM 29 TO 27 SHOULD BE 14 to 16 volts.
3. ADJUST THE HI TRIP FULL CW AND THE LOW TRIP POTENTIOMETER FULL CCW.
4. THE RELAY SHOULD PICK AND THE VOLTAGE FROM 27 TO 29 SHOULD NOT CHANGE MORE THAN 1.2 VOLTS AND THE VOLTAGE FROM 27 TO 29 SHOULD NOT GET LOWER THAN 10 VOLTS.

D. OPERATION CHECK (SW1 POS. 3)

1. THE 12 VOLT CONNECTIONS SHOULD BE CHECKED FIRST. ADJUST HI TRIP POTENTIOMETER (R59) FULL CW AND LOW TRIP POTENTIOMETER (R58) FULL CCW.
2. SET P.S. #1 FOR 11.60 VOLTS AND ADJUST LOW TRIP POTENTIOMETER CW UNTIL RELAY DROPS OUT.
3. SET P.S. #1 FOR 12.40 VOLTS AND ADJUST HIGH TRIP POTENTIOMETER CCW UNTIL RELAY DROPS OUT.
4. WITHOUT READJUSTING THE LOW AND HIGH TRIP POTENTIOMETERS REDUCE P.S. #1 UNTIL RELAY DROPS OUT. VOLTAGE SHOULD BE 11.60 ±30MV. INCREASE P.S. #1 UNTIL RELAY PICKS UP AND DROPS OUT AGAIN. VOLTAGE SHOULD BE 12.40 V ±30MV.
AS YOU LOWER THE P.S., THE LIGHT WILL TRUN ON, AND AS YOU REDUCE FURTHER, LIGHT WILL DROP OFF AGAIN. READ THIS VOLTAGE AND REPEAT THE SAME PROCEDURE FOR STEPS 5 & 6.

(SW1 POS 4)
5. MAKE 24 VOLT CONNECTIONS AND VARY P.S. #1 VOLTAGE. RELAY SHOULD DROP OUT AT 23.80 ±.48V AND 25.60 ±.48.

(SW1 POS 5)
6. MAKE 50 VOLT CONNECTIONS AND VARY P.S. #1 VOLTAGE. RELAY SHOULD DROP OUT AT 46. ±2.5V AND 49 ±2.5V.



REV. 6 5-23-69 EGH. BUJ78841 12MARCH69
REV. 7 ACW 6-16-69
REH 6-1-73
12-12-73
10 REH 2-2-80
11) 8MAY86 JMT
12) 18SEP86

2520

PRINTS TO

MADE BY V.M. STOCKTON

ISSUED MAY 12, 1966

APPROVALS MWC

INDUSTRY CONTROL — DIV OR DEPT.

SALEM, VIRGINIA — LOCATION

CODE IDENT NO

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