

REV. NO. ()	TITLE		CONT ON SHEET	2	SH NO.	1	
P3K-AL-0340-A01	CIRCUIT BOARD TEST SPECIFICATION AUXILIARY RELAY BOARD 125V - 117D6678 FIRST MADE FOR EHC MARK II		CONT ON SHEET	2	SH NO.	1	
<p>Refer to the drawing to see that</p> <ol style="list-style-type: none"> 1. The relays coils all use 125 VDC. 2. The common of eight relays is connected to one input terminal. 3. The case ground of eight relays is connected to one input terminal. 4. The high side of each relay coil goes to a separate input terminal. 5. Each relay has two form C sets of output contacts -- all are independently connected to output terminals. 6. There are no interconnections on the card except the coil commons and the case grounds of each group of eight relays. 7. There are no time delay relays. <p>The relay specifications are in the "U" sheets.</p>						REVISIONS	
MADE BY D. Mone Jan. 15, 1975 ISSUED JAN 15 1975						APPROVALS Steam Turbine Schenectady, N.Y.	DIV OR DEPT. LOCATION P3K-AL-0340-A01 CONT ON SHEET 2 SH NO. 1

REV 

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CIRCUIT BOARD TEST SPECIFICATION
Auxiliary Relay Board 125V--117D6678

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SN NO. 2

FIRST MADE FOR

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With the minus side of the power source connected to the  125 terminal(s) and the plus applied (app) and removed (rem) alternately to coil terminals, the relays pick up and drop out as shown in the chart. A one (1) indicates an energized relay. A zero (0) indicates a de-energized relay and is usually omitted from the chart--for clarity.

K1 K2 K3 K4 K5 K6 K7 K8 K9 K10 K11 K12 K13 K14 K15 K16

[illegible]

PRINTS TO

MADE BY
D. Bone Jan. 15, 1975

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APPROVALS

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Science Lady, N. Y.

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LOCATION

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EM NO. 2

CODE IDENT NO

REV
NO. 0

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CIRCUIT BOARD TEST SPECIFICATION
Auxiliary Relay Board 125V - 117D6678
FIRST MADE FOR

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SH NO. 3

REVISION

TEST INSTRUCTIONS 1PC2-A001

Assembly 117D6678

Schematic 117D6679

PROCEDURE:

1. Connect the circuit under test as described in the setup instructions.
2. Test the logic circuitry using Table A.

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SH NO. 2

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P3K-AL-0340-A01		CIRCUIT BOARD TEST SPECIFICATION Auxiliary Relay Board 125V - 117D6678					
CONT. ON SHEET 5		SH. NO. 4		FIRST MADE FOR			
<p>SETUP INSTRUCTIONS - FMCC 1PC2-AOOX</p> <ol style="list-style-type: none">1. The loads to be applied to the circuit under test are <u>+1%</u> tolerance.2. Unless otherwise specified, all voltage to be applied and to be measured is +24.00 VDC (tolerance <u>+100</u> MV)3. This circuit card has 116 pins total with 116 pins in use. The terminal board configuration is 6 - 16 pt. and 4 - 5 pt.4. Connect pins 101, 106, 111 and 116 to ground.5. Va = 125 VDC.						REVISIONS	
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ISSUED 10 80				LOCATION Scheneectady		CONT. ON SHEET 5 SH. NO. 4	

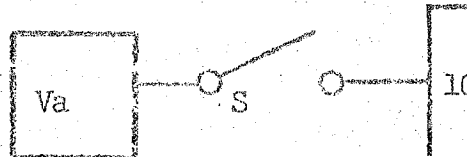
REV 103	P3K-AL-0340-A01
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TITLE
CIRCUIT BOARD TEST SPECIFICATION
Auxiliary Relay Board 125V - 117D6678
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INSTRUCTIONS FOR USE OF LOGIC TABLE

A. s 10 Va = set 10 to Va.

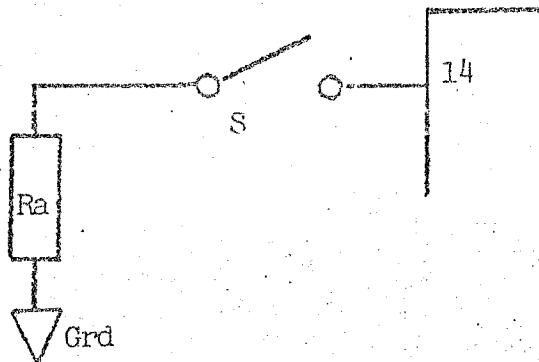
Close S to apply Va to Pin 10
If Va is not specified, assume +24.0 VDC.



B. r 10 Va = reset 10 to Va

open S

C. s 14 Ra = set 14 to Ra



Close S to apply load Ra to Pin 14.

D. An "X" in the logic table indicates a voltage measurement of +24.00VDC. A letter (ie "C") in the logic table indicates a voltage measurement, the voltage being equal to that specified by the subscript letter (ie "Vc"). A blank space indicates a 0 VDC measurement.

E. The voltage at all pins and all test points will be measured at each step of the logic table.

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LOCATION CONT ON SHEET 6

SH NO. 5

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CIRCUIT BOARD TEST SPECIFICATION
Auxiliary Relay Board 125V
FIRST MADE FOR

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8

SM NO.

7

REVISIO

125VD: AT PINS:

24 VDC AT PINS:

[illegible]

PP147C

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99	100

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CIRCUIT BOARD TEST SPECIFICATION
Auxiliary Relay Board 125V
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§14 NO. 8

REVISION

125VLC AT PINS:

24VDC AT PINS:

[illegible]

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Schönfeld et al.

LOCATION

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P3K-AL-0340-A01	CIRCUIT BOARD TEST SPECIFICATION			
	Auxiliary Relay Board 125V			
CONT ON SHEET	FIRST MADE FOR			
12				
SH NO. 11				

REVIS:

PRINT

125 VDC AT PINS:

24 VDC AT PINS:

[illegible]

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ISSUED JAN 15 1975		Schroeder	LOCATION	CONT ON SHEET 12

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CIRCUIT BOARD TEST SPECIFICATION
Auxiliary Relay Board 125V
FIRST MADE FOR

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SH NO.

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13

SH NO. 12

REV

24 VDC AT PINS:

97 r 95

98 End of Test

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Solomon

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P3K-AL-0340-A01

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SH NO.

PRINTS

REV. 0		TITLE CIRCUIT BOARD TEST SPECIFICATION Auxiliary Relay Board 125V--117D6678		CONT ON SHEET - SH NO. 13	
P3K-AL-0340-A01		FIRST MADE FOR			
PREPARED BY: <u>George W. Kessler</u> George W. Kessler EHC DESIGN ENGINEERING				DATE: <u>3/6/73</u>	
APPROVED BY: <u>P.C. Callan</u> P.C. Callan - MANAGER EHC DESIGN ENGINEERING				DATE: <u>1-13-75</u>	
TEST PROCEDURE PREPARED BY: <u>C. Bugg</u> C. Bugg EHC TEST ENGINEER				DATE: <u>12/23/74</u>	
TEST PROCEDURE APPROVED BY: <u>George W. Kessler</u> George W. Kessler EHC DESIGN ENGINEERING				DATE: <u>1/6/75</u>	
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