

REV
NO.

P3K-AL-0448-A01

TITLE

TEST INSTRUCTIONS FOR STANDBY CONTROL LOGIC

CONT ON SHEET

2

SH NO.

1

FIRST MADE FOR EHC MARK II

REVISIONS

SCOPE

This test instruction outlines the test specifications for circuit board assembly 125D3647 (Schematic 125D3268).

CIRCUIT DESCRIPTION

This circuit board consists of 5 double pole double throw relays, diodes and wiring interconnections for the logic of the Standby system. It also contains 6 sets of 68.1 Ω resistors and diodes for the lamp test functions.

CIRCUIT SPECIFICATIONS

- Before coating the board, each diode should be checked using an ohmmeter (especially in the reverse direction) to insure that redundancy is effective.
- Using ohmmeter verify continuity between the following points:

29 to 3	TP1 to 24	TP2 to 29
29 to 28	TP3 to 30	
29 to 31	TP5 to 38	
16 to 7	TP4 to 40	
- Connect ground to pin 40.
Connect miniature 24V lamps to pins: 29, 9, 8, 23, 22, 21, 20, 19, 17, 16, 34.

The logic and path continuity should conform with the following table.

NOTE: For inputs a logic "1" is +24V
a logic "0" is 0V

For outputs a logic "1" is +24V or lamp ON
a logic "0" is 0V or lamp OFF

For the line with (*) the lamp outputs are dim because the 68.1 Ω resistors are in series.

ACTIVE	FOR	41
BY	DATE	7/11/97

273-2

273-12

273-13

273-22

273-71

PRINTS TO

MADE BY May 23, 1975

APPROVALS

Steam Turbine

DIV OR
DEPT.

P3K-AL-0448-A01

ISSUED

MAY 23 1975

Schenectady, N.Y.

LOCATION

CONT ON SHEET 2

SH NO.

1

REV. NO. <input type="radio"/>		TITLE		CONT ON SHEET 3 SH NO. 2	
P3K-AL-0448-A01		TEST INSTRUCTIONS FOR STANDBY CONTROL LOGIC		FIRST MADE FOR EHC MARK II	
STANDBY CONTROL LOGIC		These steps must be done in sequence		These steps must be done in sequence	
INPUTS		OUTPUTS		REVISIONS	
38	0	0	0	0	0
4	0	0	0	0	0
13	0	0	0	0	0
33	0	0	0	0	0
15	0	0	0	0	0
10	0	0	0	0	0
18	0	0	0	0	0
25	0	0	0	0	0
27	0	0	0	0	0
30	0	0	0	0	0
24	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
29	0	0	0	0	0
9	0	0	0	0	0
8	0	0	0	0	0
23	0	0	0	0	0
22	0	0	0	0	0
21	0	0	0	0	0
20	0	0	0	0	0
19	0	0	0	0	0
17	0	0	0	0	0
16	0	0	0	0	0
34	0	0	0	0	0
11	0	0	0	0	0
3	0	0	0	0	0
1	0	0	0	0	0
2	0	0	0	0	0
5	0	0	0	0	0
12	0	0	0	0	0
14	0	0	0	0	0
16	0	0	0	0	0
18	0	0	0	0	0
20	0	0	0	0	0
22	0	0	0	0	0
24	0	0	0	0	0
26	0	0	0	0	0
28	0	0	0	0	0
30	0	0	0	0	0
32	0	0	0	0	0
34	0	0	0	0	0
36	0	0	0	0	0
38	0	0	0	0	0
40	0	0	0	0	0
42	0	0	0	0	0
44	0	0	0	0	0
46	0	0	0	0	0
48	0	0	0	0	0
50	0	0	0	0	0
52	0	0	0	0	0
54	0	0	0	0	0
56	0	0	0	0	0
58	0	0	0	0	0
60	0	0	0	0	0
62	0	0	0	0	0
64	0	0	0	0	0
66	0	0	0	0	0
68	0	0	0	0	0
70	0	0	0	0	0
72	0	0	0	0	0
74	0	0	0	0	0
76	0	0	0	0	0
78	0	0	0	0	0
80	0	0	0	0	0
82	0	0	0	0	0
84	0	0	0	0	0
86	0	0	0	0	0
88	0	0	0	0	0
90	0	0	0	0	0
92	0	0	0	0	0
94	0	0	0	0	0
96	0	0	0	0	0
98	0	0	0	0	0
100	0	0	0	0	0

MADE BY D. Mone May 23, 1975

ISSUED MAY 23 1975

APPROVALS

Steam Turbine

Schenectady, N.Y.

DIV OR DEPT.

LOCATION

P3K-AL-0448-A01

CONT ON SHEET 3 SH NO. 2

PRINTS TO

REV
NO.

P3K-AL-0448-A01

CONT ON SHEET

SH NO.

4

TITLE

TEST INSTRUCTIONS FOR STANDBY CONTROL LOGIC

FIRST MADE FOR

EHC MARK II

REVISIONS

PREPARED BY

R.E. Squillace

DATE

4-18-75

R.E. Squillace

EHC DESIGN ENGINEERING

APPROVED BY

P.C. Callan

DATE

5-22-75

P.C. Callan - MANAGER

EHC DESIGN ENGINEERING

REVIEWED BY

C.A. Bugg

DATE

5-21-75

C. Bugg

EHC TEST ENGINEER

PRINTS

MADE BY

D.Mone May 23, 1975

APPROVALS

Steam Turbine

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P3K-AL-0448-A01

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MAY 23 1975

Schenectady, N.Y.

LOCATION

CONT ON SHEET

SH NO.

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