REVISIONS

TITLE

TEST INSTRUCTIONS FOR CUSTOMER TRIP STATION EATTERY CIRCUIT BOARD 1TM2-G001

P3K-AL-0388-A01

SH NO. CONT ON SHEET

FIRST MADE FOR EHC MARK II (ASS'y DRAWING 117D9156 G1)

CIRCUIT BOARD REV. #2

## CIRCUIT DESCRIPTION

This board contains three 125V relays whose contacts are arranged in a two out of three logic scheme.

With 125 VDC connected to pin 11, 125 VDC ground connected at pin 1 and 24 VDC connected at pin 10 the board should comply with the following table

11 MB 8-1583 for table below

INPUTS	ΑT	PINS			COF	RECT	OUTP	UTS AT	PINS OR	T POINTS
2	3	4		9	10	6	7	8	TP1	TP2
0	0	0	name authorised modern de anni	0	0	0	0	0	0	0
1	0	0		Q	0,	1	0	. 0	1 7	0
0	1	0		0	0	0	1 *	0	1.**	1 *
0	0	1.		0	0	0	0	1 *	0	0
0	1	1		1 *	1.	0	1*	1 *	1*	1
1	0:1	1		1.75	1 *	1 "	0	1*	1	1 *
1	1	0		1.5	1 💆	1	1 *	. 0	ı×	1
1.	1	1		1*	1.**	1	1	1*	1.**	1 *

125 VDC

2: 07 DC

ACTIVE FOR \_\_\_

273-12 273-138 273-7

E1-273

PRINTS TO

AFPHOYALS DIV OR Jan. 15, 1975 Steam Turbine \_\_\_\_ DEPT. JAK 15 1975

LOCATION CONT ON SHEET 2

F3K-AL-0388-A01 SH NO.

CODE 1005 FO

PP-603-57A (4-75) PRINTED IN U.S.A.

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P3K-AL-0388-AO1

TITLE CONT ON SHEET

P3K-AL-0388-A01 TEST INSTRUCTIONS FOR CUSTOMER TRIP STATION BATTERY CIRCUIT BOARD 1TM2-COO1

CONT ON SHEET 3 SH NO. 2 FIRST MADE FOR EHC MKII (assy. dwg. 117D9156 G-1)

REVIS

TEST INSTRUCTIONS 1TM2-COOL

Assembly 117D9156

Schematic 173B6508

## PROCEDURE:

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

MADE BY D. Mone Jan. 15, 1975

Steam Turbine DIV OR DOK DEFT. DOK AL-0388-AOL Subannatady Location control SHEET 3 SH No. 2

	General & electric	P3K-AL-0388-A01
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4 3	TEST INSTRUCTIONS FOR CUSTOMER TRIP S'CIRCUIT BOARD 1TM2-COOL FIRST MADE FOR	PATION BATTERY
		REVI

## SETUP INSTRUCTIONS - FMCC 1TM2-COO1

- 1. The loads to be applied to the circuit under test are +1% tolerance.
- 2. Unless otherwise specified, all voltage to be applied and to be measured (signified by an "X" on the logic test table) are +24.00 VDC (tolerance +100 MV)
- 3. This circuit card has ll pins total with ll pins in use. The terminal board configuration is 1-5 pt. and 1-6 pt.
- 4. Connect pins 1 and 5 to ground.
- 5. Va = 125 VDC.

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P3K-AL-0388-AO1

CONT ON SHEET

TITLE

TEST INSTRUCTIONS FOR CUSTOMER TRIP STATION BATTERY CIRCUIT BOARD 1TM2-COOl

FIRST MADE FOR

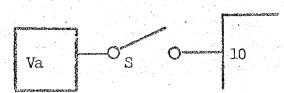
REVISION

## INSTRUCTIONS FOR USE OF LOGIC TABLE

A. s 10 Va = set 10 to Va.

SH NO.

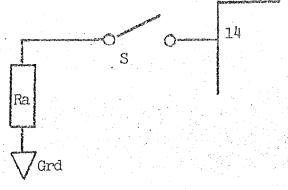
Close S to apply Va to Pin 10
If Va is not specified, assume +24.0 VDC.



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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