

3. PROCEDURE FOR CHANGING FROM 230V MAINS TO 115 V MAINS LINE VOLTAGES MAINS:

THE REQUIREMENT FOR THIS PROCEDURE IS RARELY NEEDED BUT IT IS INCLUDED FOR COMPLETENESS AND SINCE IT IS NOT EXACTLY THE REVERSE 115V TO 230V PROCEDURE.

3.1 DISCONNECT THE MAINS (LINE) VOLTAGES FROM THE 402REU. ALSO IF THERE ARE ANY CONNECTIONS TO THE ALARM CONTACTS MAKE CERTAIN THAT ALL VOLTAGES ARE REMOVE FROM THESE CONNECTIONS.

3.2 OPEN THE DOOR AND REMOVE THE INNER COVER.

3.3 UNSCREW THE MOTHER P.C. BOARD FROM THE DOOR.

3.4 ON THE MAIN P.C. BOARD NEAR THE TRANSFORMER "T1":

3.4.1 UNSOLDER AND REMOVE THE JUMPER BETWEEN PADS MARKED "B" AND "C" (JP2).

3.4.2 UNSOLDER AND REMOVE THE WIRE FROM PAD "A".

3.4.3 UNLACE THIS WIRE FROM "T1", THIS IS THE WIRE THAT GOES TO CONNECTOR "J10".

3.4.4 RESTRIP THIS WIRE SO THAT ITS BARE WIRE END CAN BE PUT THROUGH PAD "A" THEN THROUGH PAD "B".

3.4.5 PUT THE BARE END OF THIS WIRE THROUGH PAD "A" THEN THROUGH PAD "B".

3.4.6 RELACE THIS WIRE (AND THE OTHER "T1" LEADS) TO THE BASE OF "T1".

3.4.7 SOLDER THIS WIRE TO PADS "A" AND "B" (JP1).

3.4.8 INSTALL A JUMPER (AWG #22 COPPER BUS WIRE) AND SOLDER IN PLACE BETWEEN PADS "C" AND "D" (JP3).

3.4.9 CLEAN RESIDUAL FLUX FROM THE PCB.

3.5 UNSOLDER THE BROWN LEAD OF "T2" FROM THE FUSE BLOCK FOR "F6" AND REMOVE FROM WIRE BUNDLES.

3.6 UNSCREW ALL OTHER LEADS OF "T2" FROM "TB4" AND REMOVE "T2" LEADS FROM WIRE BUNDLES.

3.7 REMOVE FUSE "F6" FROM THE FUSE BLOCK FOR FUSE "F6".

3.8 INSTALL JUMPER "W2" ON "TB4". (REFERENCE DRAWING B-67726)

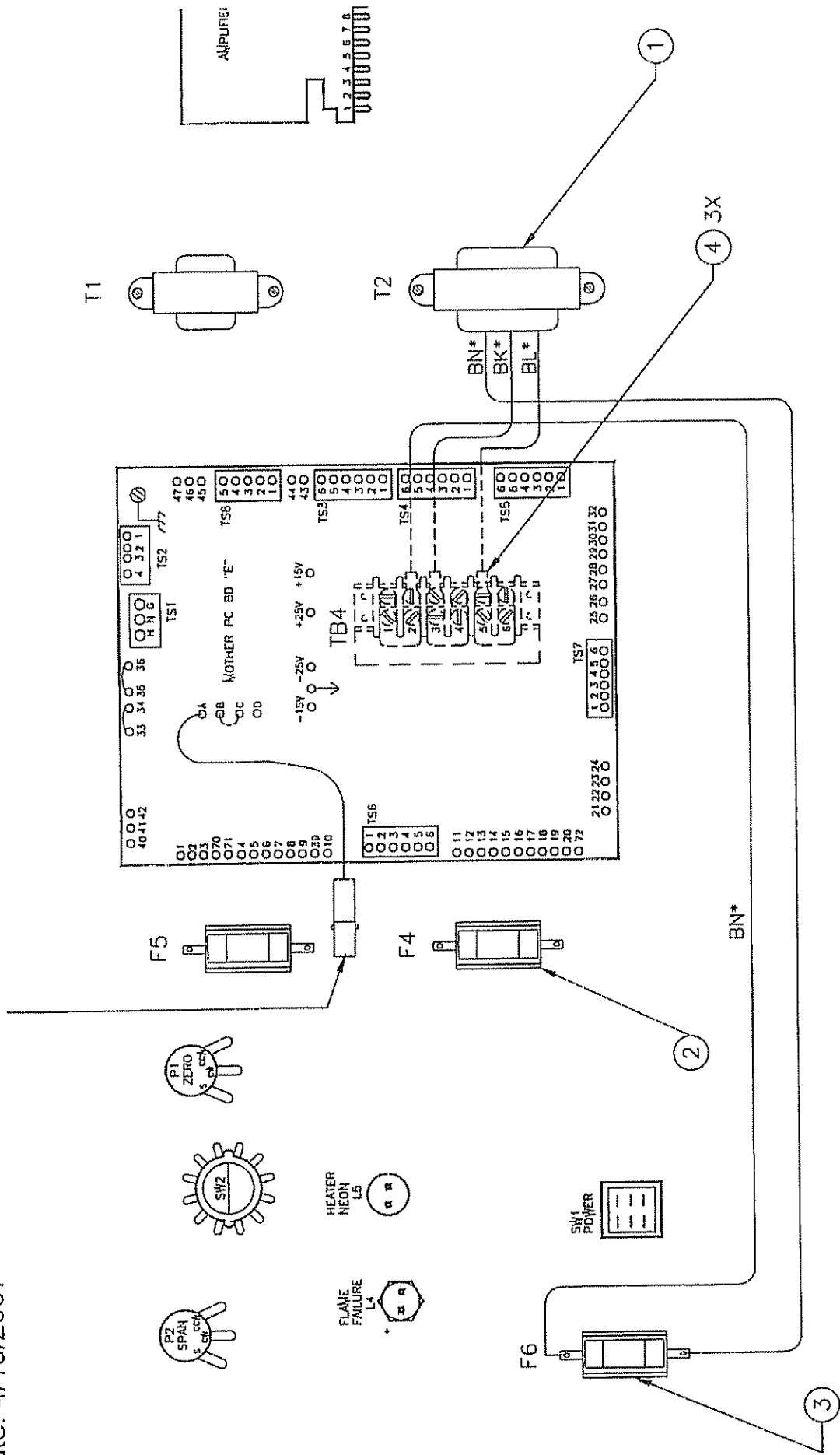
3.9 TIGHTEN ALL TERMINAL SCREWS ON "TB4".

3.10 REMOVE "T2" FROM THE DOOR.

3.11 REMOUNT THE MOTHER BOARD P.C. BOARD ON THE DOOR AND TIGHTEN ALL SCREWS.

3.12 REMOVE "230V" "F4" FUSE (TAI P/N F1374) FROM FUSE BLOCK FOR "F4" AND REPLACE WITH THE "115V" "F4" FUSE (TAI P/N F1378).

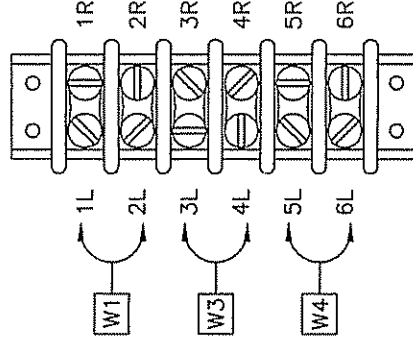
3.13 REPLACE THE INNER COVER ON THE DOOR AND SCREW IN PLACE.



REVISIONS

REV	DESCRIPTION	DATE	APP.	REV.
0	REL. PER ECO# 97-0323	5-22-97	WTC	--

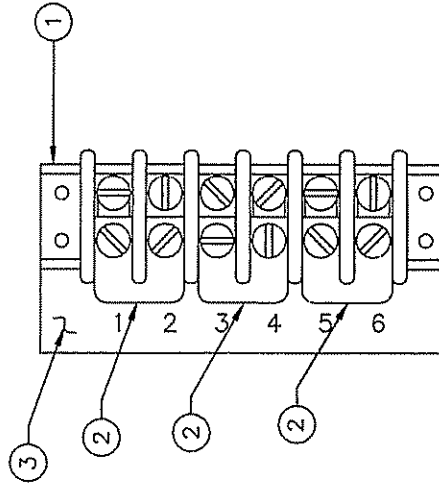
FOR REFERENCE ONLY



TB4

NOTES: UNLESS OTHERWISE SPECIFIED.

1. TB4 1L ELECTRICALLY CONNECTED TO TB4 1R
2. TB4 2L ELECTRICALLY CONNECTED TO TB4 2R
3. TB4 3L ELECTRICALLY CONNECTED TO TB4 3R
4. TB4 4L ELECTRICALLY CONNECTED TO TB4 4R
5. TB4 5L ELECTRICALLY CONNECTED TO TB4 5R
6. TB4 6L ELECTRICALLY CONNECTED TO TB4 6R



ITEM	QTY	PART No.	DESCRIPTION
3	1	T-1222	MARKER STRIP, CINCH P/N MS-6-141
2	3	T-1221	JUMPER FOR BARRIER BLOCK, CINCH SERIES 141
1	1	T-303	BARRIER BLOCK, DUAL ROW, 6 SECTION, CINCH SERIES 141

BILL OF MATERIAL

DO NOT SCALE DRWG
 TOLERANCE UNLESS OTHERWISE SPECIFIED: ANGULAR ±1/2°
 LINEAR { X = ±.1
 XX = ±.02
 XXX = ±.010

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 CITY OF INDUSTRY, CALIFORNIA 91748

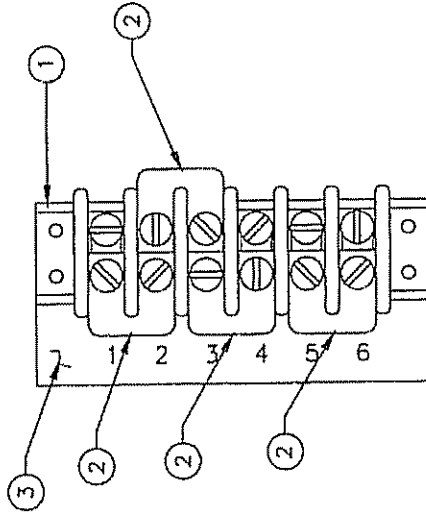
S/	DRFT:	WING	CHOW	DATE	TITLE	SCALE
N/	I/	P/	O/	F/	402REU TERMINAL BLOCK TB4 DETAIL FOR 230VAC MAINS	NONE
						SIM
						SHEET 1 OF 1
						REV 0

DWG NO. B-67727

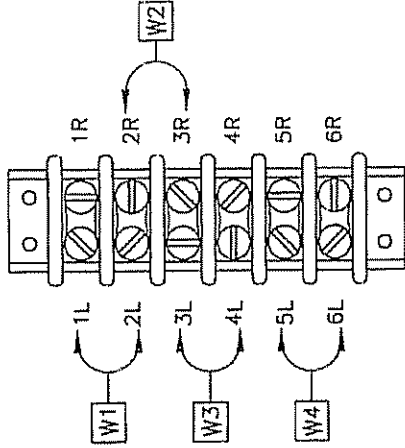
REFERENCE CAD I.D. B67727-0

NOTES. UNLESS OTHERWISE SPECIFIED.

- 1. TB4 1L ELECTRICALLY CONNECTED TO TB4 1R
- 2. TB4 2L ELECTRICALLY CONNECTED TO TB4 2R
- 3. TB4 3L ELECTRICALLY CONNECTED TO TB4 3R
- 4. TB4 4L ELECTRICALLY CONNECTED TO TB4 4R
- 5. TB4 5L ELECTRICALLY CONNECTED TO TB4 5R
- 6. TB4 6L ELECTRICALLY CONNECTED TO TB4 6R



FOR REFERENCE ONLY



IB4

REVISIONS

REV	DESCRIPTION	DATE	APP.	REV. BY
0	REL. PER ECO# 97-0323	5-22-97	WTC	--
1	INC. ECO# 97-0815	5-21-98	WTC	M.V.

ITEM	QTY	PART No.	DESCRIPTION
4	REF	B67726-RS	ROUTE SHEET
3	1	T-1222	MARKER STRIP, CINCH P/N MS-6-141
2	4	T-1221	JUMPER FOR BARRIER BLOCK, CINCH SERIES 141
1	1	T-303	BARRIER BLOCK, DUAL ROW, 6 SECTION, CINCH SERIES 141

BILL OF MATERIAL	
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LINEAR ±.005	A business unit of Teledyne Electronic Technologies
±.010	CITY OF INDUSTRY, CALIFORNIA 91748

S/	SIGNATURES	DATE	TITLE	SCALE	NONE
N/		1/2/97	402REU TERMINAL BLOCK	SIU	
I/	DRFT: WING CHOW		TB4 DETAIL		
F/	CHK:		FOR 115VAC MAINS		
O/	APPR:				
F/	ENGR:				
	S.O.:				
REFERENCE	CAD I.D. B67726-1				
			DWG No.	B-67726	REV 1