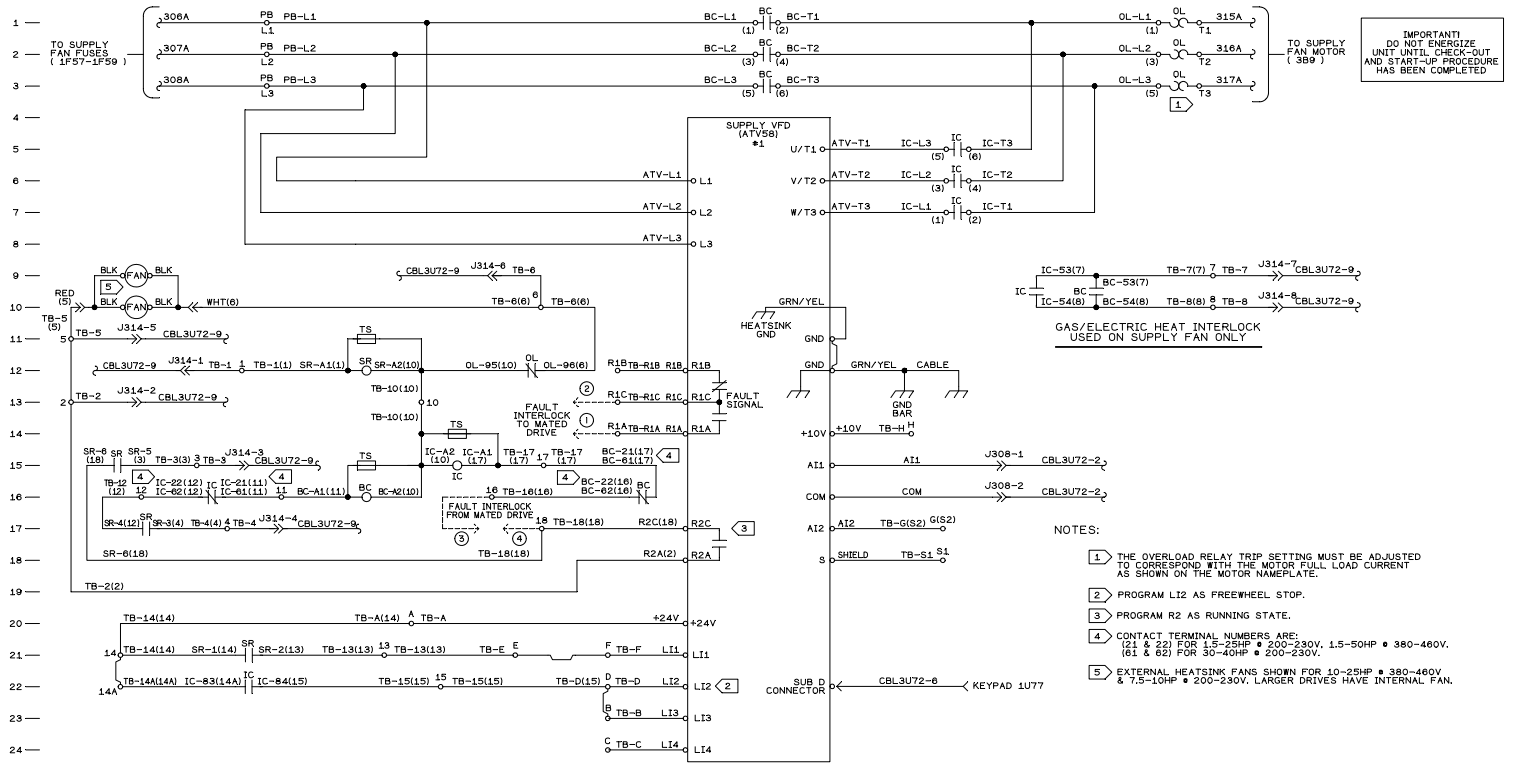




IMPORTANT!
DO NOT ENERGIZE
UNIT UNTIL CHECK-OUT
AND START-UP PROCEDURE
HAS BEEN COMPLETED

- NOTES:
- 1 THE OVERLOAD RELAY TRIP SETTING MUST BE ADJUSTED TO CORRESPOND WITH THE MOTOR FULL LOAD CURRENT AS SHOWN ON THE MOTOR NAMEPLATE.
 - 2 PROGRAM L12 AS FREEWHEEL STOP.
 - 3 PROGRAM R2 AS RUNNING STATE.
 - 4 CONTACT TERMINAL NUMBERS ARE:
(21 & 22) FOR 1.5-25HP & 200-230V, 1.5-50HP & 380-460V.
(61 & 62) FOR 30-40HP & 200-230V.
 - 5 EXTERNAL HEATSINK FANS SHOWN FOR 10-25HP & 380-460V & 7.5-10HP & 200-230V. LARGER DRIVES HAVE INTERNAL FAN.

3U72 SUPPLY VFD ASSEMBLY #1

ABBREVIATIONS	
BC	BYPASS CONTACTOR
FAN	HEATSINK FAN
IC	ISOLATION CONTACTOR
OL	OVERLOAD
PB	POWER BLOCK
SR	START RELAY
TB	TERMINAL BLOCK
TS	TRANSIENT SUPPRESSOR
VFD	VARIABLE FREQUENCY DRIVE

DEVICE PREFIX LOCATION CODE	
AREA	LOCATION
1	INSIDE UNIT CONTROL BOX
2	CONDENSER SECTION
3	AIR HANDLER SECTION
4	HEATING SECTION
5	EXTERNAL FIELD MOUNTED DEVICE

WARNING

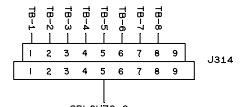
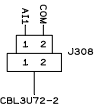
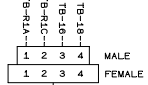
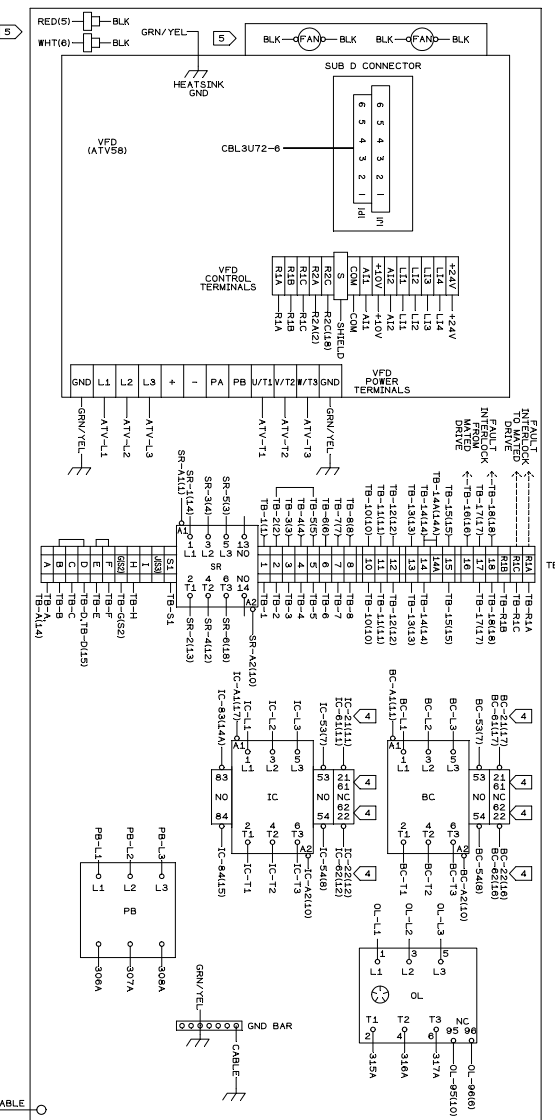
HAZARDOUS VOLTAGE!
DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING.
FAILURE TO DISCONNECT POWER BEFORE SERVICING CAN CAUSE SEVERE PERSONAL INJURY OR DEATH.

AVERTISSEMENT

VOLTAGE HASARDEUX!
DECONNECTEZ TOUTES LES SOURCES ELECTRIQUES INCLUANT LES DISJONCTEURS SITUES A DISTANCE AVANT D'EXECUTER L'ENTRETIEN.
FAUTE DE DECONNECTER LA SOURCE ELECTRIQUE AVANT D'EXECUTER L'ENTRETIEN PEUT ENTRAÎNER DES BLESSURES CORPORELLES SEVERES OU LA MORT.

CAUTION

USE COPPER CONDUCTORS ONLY!
UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.
FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.



10 X 15 METAL PLATE	
REVISION DATE	2307-4358
DESIGNER	THE TRANE COMPANY
DATE	08/01/00
FILE NUMBER	2307-4370
SCHEMATIC & CONNECTION WIRING DIAGRAM	ROOFTOP PACKAGED AIR CONDITIONER
DRIVE WITH BYPASS CONTROL & NO LINE REACTOR	3U72-2 DRIVE
DATE	08/01/00
2307-4312	