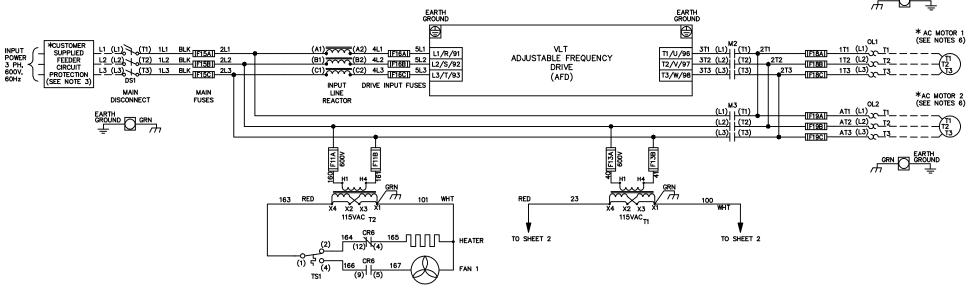
WIRE COLOR SCHEME BLACK - LINE VOLTAGE RED - AC CONTROL WHITE - AC GROUNDED
CIRCUIT CONDUCTOR
BLUE - DC CONTROL
GREEN - CHASSIS GROUND



- 1. \* INDICATES COMPONENTS NOT SUPPLIED BY MANUFACTURER.
- REFER TO THE INSTALLATION AND OPERATION MANUAL FOR DRIVE FUNCTIONS AND PARAMETER SETTINGS.
- FEEDER CIRCUIT PROTECTION, INPUT POWER AND MOTOR WIRING MUST BE SELECTED IN ACCORDANCE WITH THE N.E.C., ANY APPLICATION LOCAL CODES AND THE LOAD CURRENT RATING.
- 4. REPLACE JUMPER 'J1' WITH NORMALLY CLOSED SAFETY INTERLOCK CONTACT AS NECESSARY. CONTACT MUST BE RATED 1/4 HP @ 120VAC MINIMUM.
- 5. PANEL MAY REQUIRE DERATING, CONSULT DRIVE MANUAL OR FACTORY FOR FOLLOWING CONDITIONS:
- 5.1. HIGHER SWITCHING FREQUENCY THEN DRIVE DEFAULT
- HIGHER THEN PANEL LISTED AMBIENT TEMPERATURES
- ELEVATION ABOVE 3300 FEET (1000 METERS)
- 5.4. LONG MOTOR LEAD LENGTHS
- 6. WHEN MOTOR OVERLOADS SIZES ARE DIFFERENT, MOTOR 1 WILL BE THE LARGER OF THE TWO MOTORS

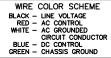
# WARNING!

THE FOLLOWING TABLE LIST THE PARAMETERS THAT ARE SET DIFFERENT FROM THE DRIVE DEFAULT SETTINGS. ADDITIONAL PARAMETER SETTINGS MAY BE REQUIRED FOR YOUR APPLICATION.

#### DRIVE PARAMETER SETTINGS

0-02         MOTOR SPEED UNIT         1         HZ           0-03         REGIONAL SETTINGS         1         NORTH AMERICA           1-03         TORQUE CHAR.         1         VARIABLE TORQUE           5-02         TERMINAL 29 TYPE         1         OUTPUT           5-31         TERMINAL 29         5         RUNNING           14-20         RESSET MODE         13         INFINITE AUTO REST	PARAMETER #	NAME	SETTING	VALUE
1-03         TORQUE CHAR.         1         VARIABLE TORQUE           5-02         TERMINAL 29 TYPE         1         OUTPUT           5-31         TERMINAL 29         5         RUNNING	0-02	MOTOR SPEED UNIT	1	HZ
5-02 TERMINAL 29 TYPE 1 OUTPUT 5-31 TERMINAL 29 5 RUNNING	0-03	REGIONAL SETTINGS	1	NORTH AMERICA
5-31 TERMINAL 29 5 RUNNING	1-03	TORQUE CHAR.	1	VARIABLE TORQUE
	5-02	TERMINAL 29 TYPE	1	OUTPUT
14-20 RESET MODE 13 INFINITE AUTO REST	5-31	TERMINAL 29	5	RUNNING
	14-20	RESET MODE	13	INFINITE AUTO REST

B A	FONCDOOO	1 /00	-NOTICE-  THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO	DRN DTM	NAME	NAME NEMA 3R,600V,2C ,MAIN DISC,MAIN & DRIVE FUSE ,3MB1,IR,DUAL MOTOR,1 FAN			THE TRANE COMPANY A DIVISION OF AMERICAN STANDARD INC.	
DR REV	ECNSP09001 ECN	1/09 DATE	OUTSIDE PARTIES WITHOUT THE WRITTEN CONSENT OF THE TRANE COMPANY	DTM	MODEL	VLT	PAGE <u>1</u> OF <u>2</u>	SIZE	DWG 1 7	4N4256



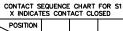
## TERMINAL IDENTIFICATION

X - DRIVE TREMINAL

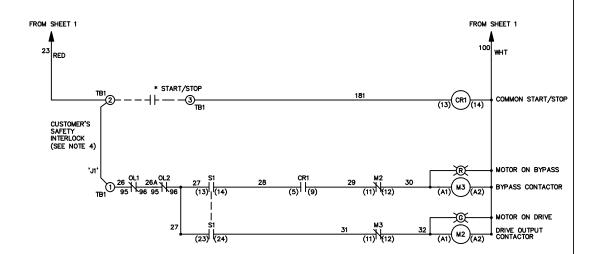
O - CUSTOMER TERMINAL

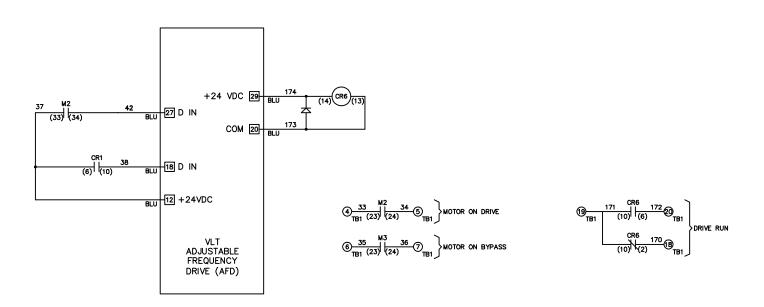
### CUSTOMER DRY CONTACT RATINGS

RELAY	CONTACT RATING
CR1, CR6	5A @ 120VAC 1/10 HP @ 120VAC
M2, M3	10A @ 120/240VAC



X INDICATES CONTACT CLOSED						
POSITION						
CONTACT	DRIVE	OFF	BYPASS			
13-14			Χ			
23-24	X					





В		
Α		
DR	ECNSP09001	1/09
REV	ECN	DATE

-NOTICE-THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE WRITTEN CONSENT OF THE TRANE COMPANY

DRN		NAME	14LWA 311,000 4,20			
	DTM		•	SC,MAIN & DRIVE FUSE R,DUAL MOTOR,1 FAN	-	
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	DTM	MODEL	VLT	PAGE 2 OF 2 SIZE		

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PAGE <u>2</u> OF <u>2</u> VLT