WIRE COLOR SCHEME BLUE - DC CONTROL

GREEN - CHASSIS GROUND

BLUE - DC CONTROL

GREEN - CHASSIS GROUND EARTH GROUND EARTH GROUND *CUSTOMER SUPPLIED (A1) (A2) 4L1 (IF16A) 5L1 L1/R/91 L1 (L1) (T1) 1L1 BLK IF15AII 2L1 3T1 (L1) (T1) 2T1 INPLIT T1/U/96 POWER ADJUSTABLE FREQUENCY L2 (L2) (T2) 1L2 BLK | F15B| 2L2 3T2 (L2) (T2) ` FEEDER T2/V/97 3 PH, 208V, DRIVE CIRCUIT L3 (L3) (T3) 1L3 BLK [F15C] 2L3 3T3 (L3) (T3) PROTECTION T3/W/98 (AFD) (SEE NOTE 3) INPUT DRIVE INPUT FUSES

101

HEATER

FAN 1

FAN 2

REACTOR

115VAC

CR6

(9) (5)

163 RED

(1) 4 (4)

TS1

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.

M3 (L1) (T1) (L2) (T2) (L3) (T3)

TO SHEET 2

100 WHT * AC MOTOR

(L2)<u>~ T2</u>

DRIVE PARAMETER SETTINGS

23 F12

TO SHEET 2

250V

115VAC

PARAMETER #	PARAMETER # NAME 0-02 MOTOR SPEED UNIT		VALUE		
0-02			HZ		
0-03	REGIONAL SETTINGS	1	NORTH AMERICA		
1-03 TORQUE CHAR. 5-02 TERMINAL 29 TYPE		3	AUTO ENERGY OPTIM VT		
		1	OUTPUT		
5-31	TERMINAL 29	5	RUNNING		
14-20	RESET MODE	13	INFINITE AUTO REST		

NOTES

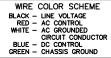
- 1. * INDICATES COMPONENTS NOT SUPPLIED BY MANUFACTURER.
- 2. REFER TO THE INSTALLATION AND OPERATION MANUAL FOR DRIVE FUNCTIONS AND PARAMETER SETTINGS.
- 3. FEEDER CIRCUIT PROTECTION, INPUT POWER AND MOTOR WIRING MUST BE SELECTED IN ACCORDANCE WITH THE N.E.C., ANY APPLICATION LOCAL CODES AND THE LOAD 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
- 5.2. HIGHER THEN PANEL LISTED AMBIENT TEMPERATURES
- 5.3. ELEVATION ABOVE 3300 FEET (1000 METERS)

DISCONNECT

FUSES

5.4. LONG MOTOR LEAD LENGTHS

В			-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 NEMA 3R,208V,2C				THE TRANE COMPANY	
A	FOLICEOGO	1 /00		DTM		•	SC,MAIN & DRIVI R,SINGLE MOTOR,			A DIVISION OF AMERICAN STANDARD INC.
	ECNSP09001	1/09		APR D.TM	MODEL	VLT	PAGE 1 OF 2	SIZE /	DWG 1 7	<u> </u>
REV	ECN	DATE		DIIVI		٧٢١	TAGE 01	Ţ	NO. /	4114420



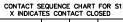
TERMINAL IDENTIFCATION

X - DRIVE TREMINAL

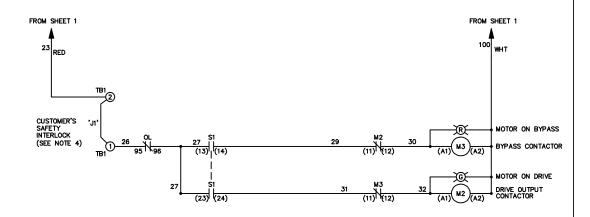
O - CUSTOMER TERMINAL

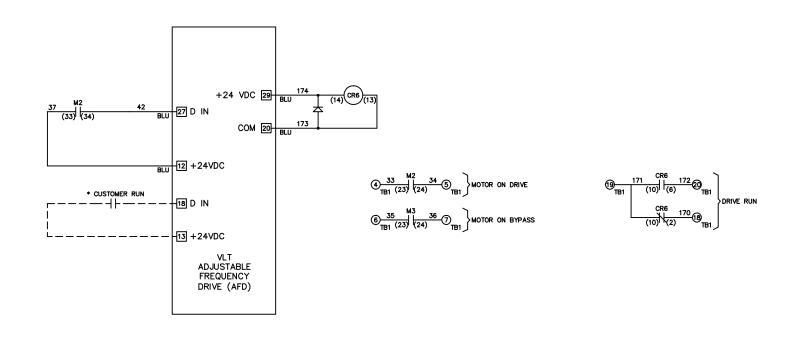
CUSTOMER DRY CONTACT RATINGS

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



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





В		
Α		
DR	ECNSP09001	1/09
REV	ECN	DATE

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DRN	NAME	NEMA 3R,208V,2C
DTM		,MAIN DISC,MAIN & DRIVE FUSE
APR		,3MB2,IR,SINGLE MOTOR,2 FAN
DTM	MODEL	VLT PAGE 2 OF 2 SIZE \triangle

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