WIRE COLOR SCHEME BLUE - DC CONTROL

GREEN - CHASSIS GROUND

BLUE - DC CONTROL

GREEN - CHASSIS GROUND EARTH GROUND EARTH GROUND * AC MOTOR *CUSTOMER SUPPLIED (A1) (A2) 4L1 (IF16A) 5L1 L1/R/91 L1 (L1) (T1) 1L1 BLK (F15AI) 2L1 3T1 (L1) (T1) 2T1 INPLIT T1/U/96 POWER ADJUSTABLE FREQUENCY L2 (L2) (T2) 1L2 BLK | F15B| 2L2 3T2 (L2) (T2) ` (L2)<u>~ T2</u> FEEDER T2/V/97 3 PH, 240V, DRIVE CIRCUIT L3 (L3) (T3) 1L3 BLK [[F15C]] 2L3 3T3 (L3) (T3) PROTECTION T3/W/98 (AFD) (SEE NOTE 3) INPUT DRIVE INPUT FUSES DRIVE DISCONNECT FUSES DISCONNECT REACTOR M3 (L1) | (T1) (L2) | (T2) (L3) (T3)23 F12 163 RED 101 WHT 115VAC 115VAC 250V CR6 TO SHEET 2 TO SHEET 2 HEATER

FAN 1

FAN 2

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.

NOTES

1. * INDICATES COMPONENTS NOT SUPPLIED BY MANUFACTURER.

2. REFER TO THE INSTALLATION AND OPERATION MANUAL FOR DRIVE FUNCTIONS AND PARAMETER SETTINGS.

(1) 4 (4)

TS1

(9) (5)

- 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)
- 5.4. LONG MOTOR LEAD LENGTHS

DRIVE PARAMETER SETTINGS

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

В			-NOTICE-	DRN	NAME	NI	EMA 3R,240V,2C			THE TRANE COMPANY
Α			THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO	DTM	۱,		/E DISC,MAIN &		FUSE	A DIVISION OF AMERICAN STANDARD INC.
DR	ECNSP09001	1/09	OUTSIDE PARTIES WITHOUT THE WRITTEN	APR		,SMBZ,II	R,SINGLE MOTOR,		I D.W.O. 4. —	
REV	ECN	DATE	CONSENT OF THE TRANE COMPANY	DTM	MODEL	VLT	PAGE <u>1</u> OF <u>2</u>	SIZE	PWG 17	4N4651

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

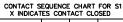
TERMINAL IDENTIFICATION

X - DRIVE TREMINAL

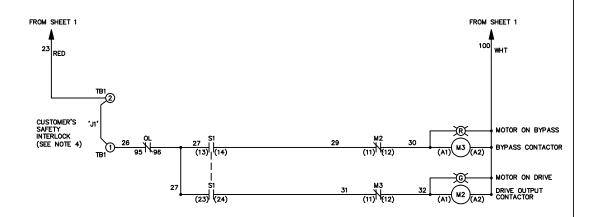
O - CUSTOMER TERMINAL

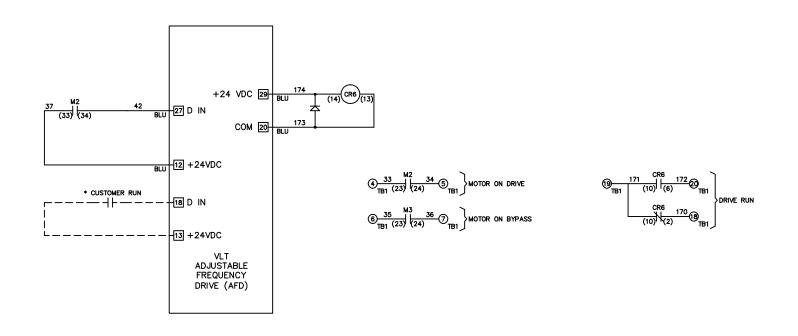
CUSTOMER DRY CONTACT RATINGS

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			Χ				
23-24	Χ						





В		
Α		
DR	ECNSP09001	1/09
REV	ECN	DATE

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	NAME	NEMA 3R,240V,2C				
DTM	, ,	MAIN & DRI\	/E DISC,MA	MN &	DRIVE F	FUSE
APR		,3MB2,IF	R,SINGLE M	IOTOR,	2 FAN	
DTM	MODEL	VLT	PAGE <u>2</u> C)F <u>2</u>	SIZE	DWG NO.

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DWG NO.