WIRE COLOR SCHEME BLUE - DC CONTROL

GREEN - CHASSIS GROUND

BLUE - DC CONTROL

GREEN - CHASSIS GROUND EARTH GROUND EARTH GROUND * AC MOTOR *CUSTOMER SUPPLIED L1 (L1) (T1) 1L1 BLK (F15AI) 2L1 5L1 L1/R/91 3T1 (L1) (T1) 2T1 INPLIT T1/U/96 F16A 5L2 POWER ADJUSTABLE FREQUENCY L2 (L2) (T2) 1L2 BLK | F15B| 2L2 3T2 (L2) (T2) ` (L2)<u>~ T2</u> FEEDER T2/V/97 3 PH, 208V, L2/S/92 DRIVE -[[F16B]] 5L3 L2/5/92 -[[F16C]] 5L3 L3/T/93 CIRCUIT L3 (L3) (T3) 1L3 BLK [[F15C]] 2L3 3T3 (L3) (T3) PROTECTION T3/W/98 (AFD) (SEE NOTE 3) DRIVE INPUT FUSES MAIN DISCONNECT FUSES M3 (L1) | (T1) (L2) | (T2) (L3) (T3)100 WHT 23 F12 163 RED 101 115VAC 115VAC 250V CR6 TO SHEET 2 TO SHEET 2 HEATER (1) 4 (4) FAN 1 (9) (5) TS1 FAN 2

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

WARNING!

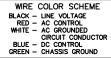
1. * INDICATES COMPONENTS NOT SUPPLIED BY MANUFACTURER.

- REFER TO THE INSTALLATION AND OPERATION MANUAL FOR DRIVE FUNCTIONS AND PARAMETER SETTINGS.
 FEEDER CIRCUIT PROTECTION, INPUT POWER AND MOTOR WRING 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	EGIONAL SETTINGS 1			
1-03	TORQUE CHAR.	3	AUTO ENERGY OPTIM VT		
5-02	TERMINAL 29 TYPE	1	OUTPUT		
5-31	TERMINAL 29	5	RUNNING		
14-20	RESET MODE	13	INFINITE AUTO REST		

В			-NOTICE-	DRN	NAME	N	EMA 3R,208V,20	;		THE TRANE COMPANY
Α			THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO	DTM		•	SC,MAIN & DRIV			A DIVISION OF AMERICAN STANDARD INC.
DR	ECNSP09001	1/09	OUTSIDE PARTIES WITHOUT THE WRITTEN	APR		,SMB2,	SINGLE MOTOR,2		I =	
REV	ECN	DATE	CONSENT OF THE TRANE COMPANY	DTM	MODEL	VLT	PAGE <u>1</u> OF <u>2</u>	SIZE	Pwg 1 7	4N4420



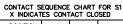
TERMINAL IDENTIFCATION

X - DRIVE TREMINAL

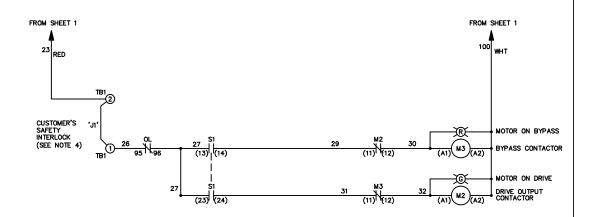
O - CUSTOMER TERMINAL

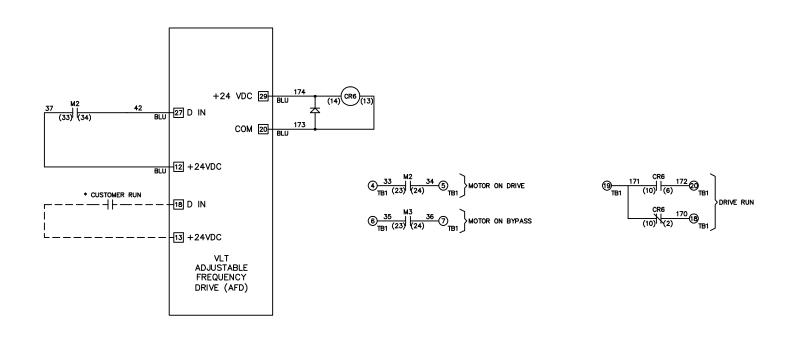
CUSTOMER DRY CONTACT RATINGS

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



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





В		
Α		
DR	ECNSP09001	1/09
REV	ECN	DATE

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	DRN DTM	NAME	NEMA 3R,208V,2C ,MAIN_DISC,MAIN & DRIVE FUSE			
ı	APR	1	,SMB∠,	SINGLE MOTOR,	Z FAIN	
	DTM	MODEL	VLT	PAGE <u>2</u> OF <u>2</u>	SIZE	

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