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 1F16Al 5L1 L1/R/91 3T1 (L1) (T1) 2T1 INPLIT T1/U/96 5L2 POWER ADJUSTABLE FREQUENCY L2 (L2) (T2) 1L2 BLK | F15B| 2L2 3T2 (L2) (T2) ` (L2) T2 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 \_(<u>r3</u>)∞ <u>r3</u> 3T3 (L3) (T3) PROTECTION DS2 T3/W/98 (AFD) (SEE NOTE 3) DRIVE INPUT FUSES DRIVE MAIN DISCONNECT FUSES DISCONNECT M3 (L1) | (T1) (L2) | (T2) (L3) (T3) 100 WHT 163 RED 101 115VAC 115VAC CR6 TO SHEET 2 TO SHEET 2 HEATER (1) 4 (4) CR6 167 (9) FAN 1 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.

### NOTES

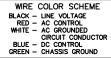
1. \* INDICATES COMPONENTS NOT SUPPLIED BY MANUFACTURER.

- 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)
- 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	1	OUTPUT
5-31	TERMINAL 29	5	RUNNING
14-20	RESET MODE	13	INFINITE AUTO REST

В			-NOTICE-	DRN	NAME	NI	EMA 3R,208V,2C			THE TRANE COMPANY
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DR	ECNSP09001	1/09	OUTSIDE PARTIES WITHOUT THE WRITTEN	OUTSIDE PARTIES WITHOUT THE WRITTEN APR				SIZE A	DWG 1 7	1 1 7 7 7 7 0
REV	ECN	DATE	CONSENT OF THE TRANE COMPANY	DIM	MODEL	VLT	PAGE <u>1</u> OF <u>2</u>		Nö.	4N3//8



# TERMINAL IDENTIFICATION

X - DRIVE TREMINAL

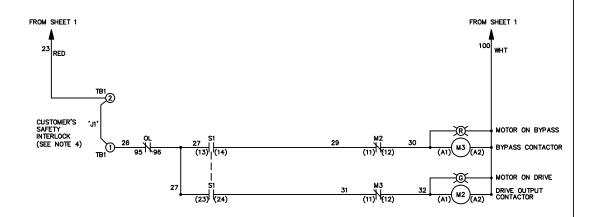
O - CUSTOMER TERMINAL

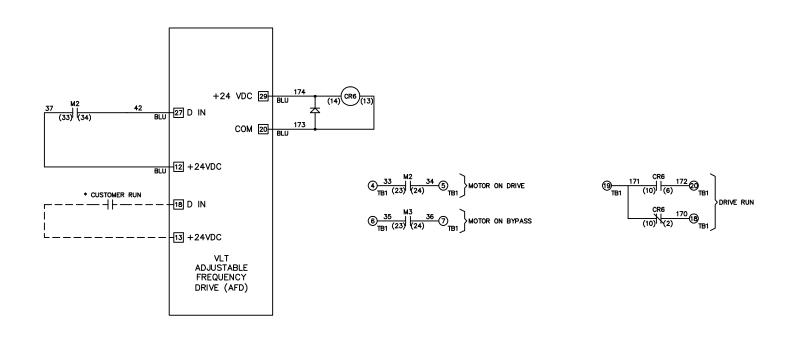
## CUSTOMER DRY CONTACT RATINGS

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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DRN DTM	NAME, MAIN &	THE TRANE CO	
apr DTM	MODEL VLT	MB2,SINGLE MOTOR,1 FAN PAGE <u>2</u> OF <u>2</u> SIZE	RWG 174N37

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