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 (IF15B) 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 TO SHEET 2 TO SHEET 2 HEATER (1) 4 (4)

FAN 1

(9) (5)

TS1

- 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
- HIGHER THEN PANEL LISTED AMBIENT TEMPERATURES
- ELEVATION ABOVE 3300 FEET (1000 METERS)
- LONG MOTOR LEAD LENGTHS

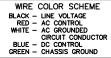
WARNING!

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

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

B A DR	ECNSP09001	1/09	-NOTICE- THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO	DRN DTM	NAME	NAME NEMA 3R,208V,2C ,MAIN DISC,MAIN & DRIVE FUSE ,3MB1,SINGLE MOTOR,2 FAN			THE TRANE COMPANY A DIVISION OF AMERICAN STANDARD INC.	
REV	ECN3P09001	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	4N4426



TERMINAL IDENTIFCATION

X - DRIVE TREMINAL

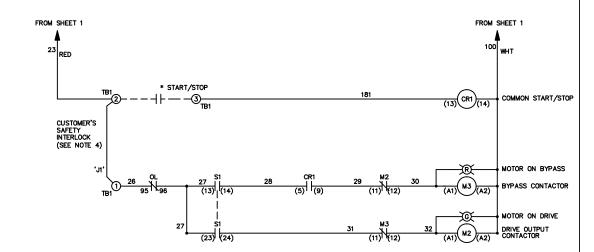
O - CUSTOMER TERMINAL

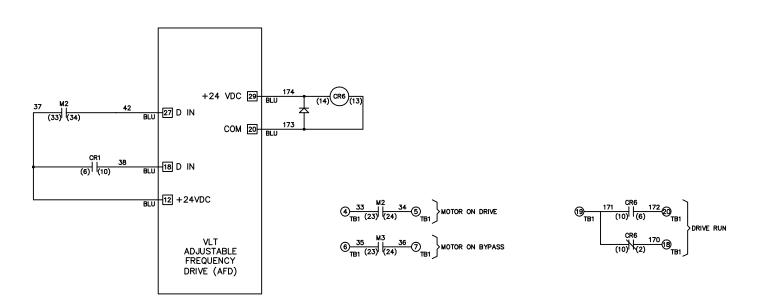
CUSTOMER DRY CONTACT RATINGS

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			Х				
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	IE NEMA 3R,208V,2C				
DTM		,MAIN DI	SC,MAIN	& DRIV	E FUSE	
APR		,3MB1,	SINGLE M	10TOR,2	FAN	
DTM	MODEL	VLT	PAGE <u>2</u>	of <u>2</u>	SIZE	

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