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)_X_T1 L1 (L1) (T1) 1L1 BLK 3T1 (L1) (T1) 2T1 INPLIT T1/U/96 POWER ADJUSTABLE FREQUENCY L2 (L2) (T2) 1L2 BLK 3T2 (L2) (T2) ` (L2) T2 BRANCH T2/V/97 3 PH, 480V, DRIVE CIRCUIT L3 (L3) (T3) 1L3 BLK (L3)\warphi_ T3_ 3T3 (L3) (T3) PROTECTION DS2 T3/W/98 (AFD) (SEE NOTE 3) INPUT DRIVE INPUT FUSES DRIVE DISCONNECT DISCONNECT REACTOR M3 (L1) | (T1) (L2) | (T2) (L3) (T3)163 RED 101 WHT 115VAC 115VAC CR6 TO SHEET 2 TO SHEET 2 HEATER (1) 4 (4) 167 (9) FAN 1 TS1

NOTES

- 1. * INDICATES COMPONENTS NOT SUPPLIED BY MANUFACTURER.
- 2. REFER TO THE INSTALLATION AND OPERATION MANUAL FOR DRIVE FUNCTIONS AND PARAMETER SETTINGS.
- BRANCHCIRCUIT 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

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	FONODOGGA	1 /00	-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 DTM	NAME	NAME NEMA 3R,480V,2C ,MAIN & DRIVE DISC,DRIVE FUSE ,3MB2,IR,SINGLE MOTOR,1 FAN				THE TRANE COMPANY A DIVISION OF AMERICAN STANDARD INC.
DR REV	ECNSP09001 ECN	1/09 DATE		DTM	MODEL	VLT	PAGE <u>1</u> OF <u>2</u>	SIZE	DWG 17	4N4111

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

TERMINAL IDENTIFCATION

X - DRIVE TREMINAL

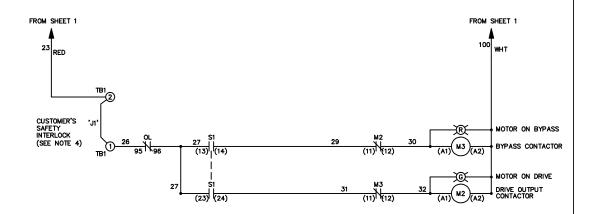
O - CUSTOMER TERMINAL

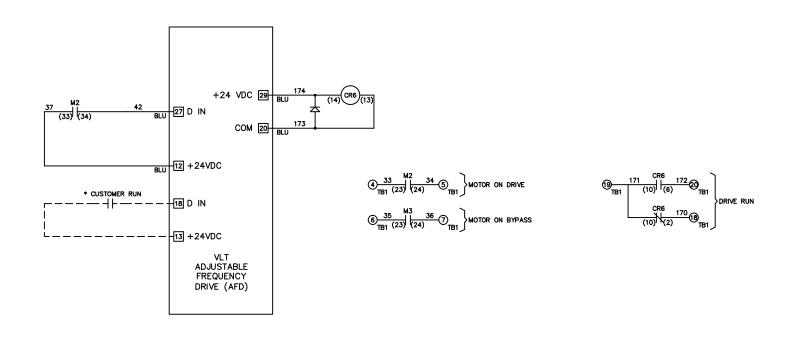
CUSTOMER DRY CONTACT RATINGS

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

CONTACT SEQUENCE CHART FOR S1

A INDICAT	A 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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