WIRE COLOR SCHEME BLACK - LINE VOLTAGE RED - AC CONTROL WHITE - AC GROUNDED
CIRCUIT CONDUCTOR
BLUE - DC CONTROL
GREEN - CHASSIS GROUND EARTH GROUND EARTH GROUND * AC MOTOR (SEE NOTES 6) *CUSTOMER SUPPLIED 1T1 (L1) x T1 L1 (L1) (T1) 1L1 BLK (F15AI) 2L1 1F16Al 5L1 L1/R/91 3<u>T1 (L1)</u> (T1) INPLIT T1/U/96 IF18AII [F16B] 5L2 POWER ADJUSTABLE FREQUENCY L2 (L2) (T2) 1L2 BLK 3L2 3T2 (L2) (T2) 1T2 (L2) <u>T2</u> FEEDER T2/V/97 || IF188||-3 PH, 240V, L2/S/92 | L2/3/92 | SL3 | L3/T/93 DRIVE CIRCUIT L3 (L3) (T3) 1L3 BLK [F15C] 2L3 1<u>T3 (L3) 7 T3</u> 3L3 3T3 (L3) (T3) _2T3 PROTECTION T3/W/98 -IIF18CII-(AFD) (SEE NOTE 3) DRIVE INPUT FUSES DRIVE *AC MOTOR 2 DISCONNECT **FUSES** DISCONNECT (SEE NOTES 6) M3 (L1) | (T1) (L2) | (T2) OL2 F19Al AT2 (L2) 12 |F19B| (T3) AT3 (L3) -IF19CI 23 F12 163 RED 101 WHT 115VAC 115VAC 250V CR6 TO SHEET 2 TO SHEET 2 HEATER (1) 4 (4) FAN 1 (5) (9) TS1

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 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:
- HIGHER SWITCHING FREQUENCY THEN DRIVE DEFAULT
- HIGHER THEN PANEL LISTED AMBIENT TEMPERATURES
- ELEVATION ABOVE 3300 FEET (1000 METERS)
- 5.4. LONG MOTOR LEAD LENGTHS
- 6. WHEN MOTOR OVERLOADS SIZES ARE DIFFERENT, MOTOR 1 WILL BE THE LARGER OF THE TWO MOTORS

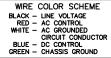
WARNING!

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.	1	VARIABLE TORQUE
5-02	TERMINAL 29 TYPE	1	OUTPUT
5-31	5-31 TERMINAL 29		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 OUTSIDE PARTIES WITHOUT THE WRITTEN	DRN DTM	NAME ,M	NAME NEMA 3R,240V,2C ,MAIN & DRIVE DISC,MAIN & DRIVE FUSE ,3MB1,DUAL MOTOR,2 FAN				THE TRANE COMPANY A DIVISION OF AMERICAN STANDARD INC.
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TERMINAL IDENTIFCATION

X - DRIVE TREMINAL

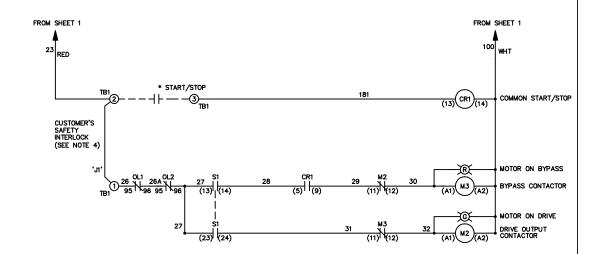
O - CUSTOMER TERMINAL

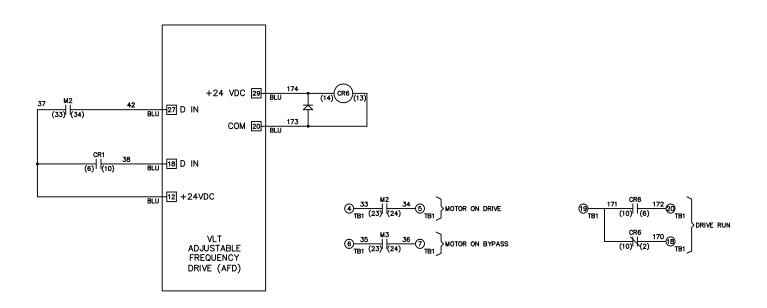
CUSTOMER DRY CONTACT RATINGS

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	Χ				





В		
Α		
DR	ECNSP09001	1/09
REV	ECN	DATE

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