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

TERMINAL IDENTIFICATION

X - DRIVE TERMINAL

CUSTOMER TERMINAL

EARTH GROUND EARTH GROUND AC MOTOR *CUSTOMER SUPPLIED BLK 3L1 L1/R/91 INPUT T1/U/96 F16A 0-\\ 1L2 POWER | T16B| 3L2 | L1/R/91 | L2/S/92 ADJUSTABLE FREQUENCY FEEDER BLK T2 3 PH, 208V, T2/V/97 DRIVE |F16E| 3L3 | L2/3/92 | L3/T/93 CIRCUIT BLK PROTECTION T3/W/98 (AFD) (SEE NOTE 3) CB1 DRIVE INPUT FUSES CIRCUIT BREAKER EARTH GROUND GRN * CUSTOMER RUN -18 D IN +24 VDC 29 163 RED X3 100 WHT CUSTOMER DRY CONTACT RATINGS F12 -13 +24VDC 115VAC 250V COM 20 BLU RELAY CONTACT RATING 27 D IN (12) 5 (11) TS1 HEATER (SET: 65° F) CUSTOMER'S SAFETY 'J1' 5A @ 120VAC CR6 1/10 HP @ 120VAC INTERLOCK CR6 (SEE NOTE 4) 12 +24VDC 2) FAN 1 (SET: 80° F) (5) (23) (24) TS1 TB2 VLT FAN 2 ADJUSTABLE 53_3 FREQUENCY (10) (6) DRIVE (AFD) DRIVE RUN CR6 (10) (2)

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.
- 5. PANEL MAY REQUIRE DERATING, CONSULT DRIVE MANUAL OR FACTORY FOR FOLLOWING CONDITIONS:
- 5.1. HIGHER SWITCHING FREQUENCY THAN DRIVE DEFAULT
- 5.2. HIGHER THAN PANEL LISTED AMBIENT TEMPERATURES
- 5.3. ELEVATION ABOVE 3300 FEET (1000 METERS)
- 5.4. LONG MOTOR LEAD LENGTHS

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

WARNING!

DRIVE PARAMETER SETTINGS

PARAMETER #	PARAMETER # NAME 0-02 MOTOR SPEED UNIT		VALUE HZ			
0-02						
0-03	REGIONAL SETTINGS	1	NORTH AMERICA AUTO ENERGY OPTIM VT OUTPUT RUNNING			
1-03	TORQUE CHAR.	3				
5-02	TERMINAL 29 TYPE	1				
5-31	TERMINAL 29	5				
14-20	RESET MODE	13	INFINITE AUTO REST			

В			-NOTICE-	DRN	NAME		NEMA 3R,208V,NB			THE TRANE COMPANY
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