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)<u>~ T2</u> FEEDER T2/V/97 3 PH, 240V, 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 DRIVE MAIN DISCONNECT FUSES DISCONNECT M3 (L1) | (T1) (L2) | (T2) (L3) (T3)23 F12 163 RED 101 WHT 115VAC 115VAC 250V CR6 TO SHEET 2 TO SHEET 2 HEATER (1) 4 (4) FAN 1 (9) (5) TS1 FAN 2

## NOTES

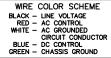
- 1. \* INDICATES COMPONENTS NOT SUPPLIED BY MANUFACTURER.
- 2. REFER TO THE INSTALLATION AND OPERATION MANUAL FOR DRIVE FUNCTIONS AND PARAMETER SETTINGS.
- FEEDER CIRCUIT PROTECTION, INPUT POWER AND MOTOR WRING MUST BE SELECTED IN ACCORDANCE WITH THE N.E.C., ANY APPLICATION LOCAL CODES AND THE LOAD 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

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REV	ECN ECN	DATE	CONSENT OF THE TRANE COMPANY	DTM	MODEL	VLT	PAGE <u>1</u> OF <u>2</u>	SIZE	DWG 1 7	4N4648



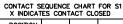
## TERMINAL IDENTIFICATION

X - DRIVE TREMINAL

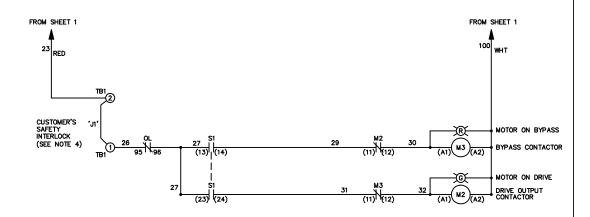
O - CUSTOMER TERMINAL

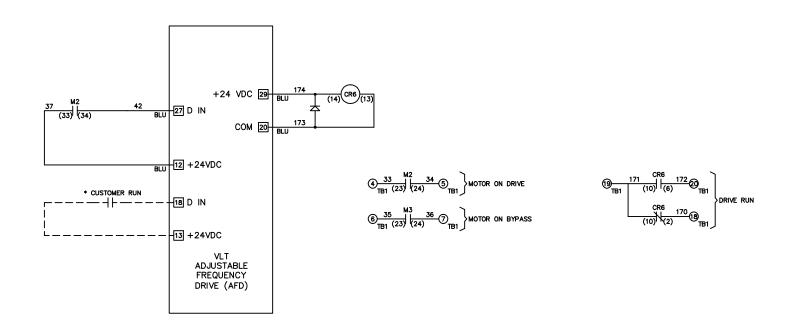
## CUSTOMER DRY CONTACT RATINGS

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	X						





В		
Α		
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