WIRE COLOR SCHEME TERMINAL IDENTIFICATION BLACK - LINE VOLTAGE - DRIVE TERMINAL RED - AC CONTROL WHITE - AC GROUNDED - CUSTOMER TERMINAL CIRCUIT CONDUCTOR BLUE - DC CONTROL GREEN - CHASSIS GROUND EARTH GROUND EARTH GROUND GRN * AC MOTOR 1 H(SEE NOTES 6) 4T1 (L1) M2 (T1) 2T1 *CUSTOMER 1T1_(L1)_X_T1_ L1 (L1) (T1) 1L1 BLK [F15A] 2L1 VLT INPUT SUPPLIED [F16A] L1/R/91 T1/U/96 -TF18AT POWER ADJUSTABLE FREQUENCY 5L2 4T2 (L2) (T2) 1T2 (L2) T2 FEEDER L2 (L2) (T2) 1L2 BLK [F15B] 2L2 [F16B] 3 PH, 208V, L2/S/92 T2/V/97 F18B DRIVE CIRCUIT L3 (L3) (T3) 1L3 BLK |F15C|| 2L3 4T3 (L3) (T3) 1T3 (L3) PROTECTION L3/T/93 T3/W/98 -TF18CT-(AFD) 60Hz (SEE NOTE 3) DRIVE INPUT FUSES MAIN *AC MOTOR 2 DISCONNECT FUSES M3 (L1) (T1) (L2) (T2) OL2 (SEE NOTES 6) 3T1 (L1) <u>T1</u> EARTH GROUND GRN F19A 3T2 (L2) T2 F19B (L3) 3T3 (L3) (T3) F19C 163 RED X3 F12 115VAC HEATER (SET: 65° F) (12) 5 (11) TS1 CR6 167 7) FAN 1 (SET: 80° F) TB2 TO SHEET 2 TO SHEET 2

WARNING!

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

NOTES

1. * INDICATES COMPONENTS NOT SUPPLIED BY MANUFACTURER.

- 2. REFER TO THE INSTALLATION AND OPERATION MANUAL FOR DRIVE FUNCTIONS AND PARAMETER SETTINGS.
- 2. 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 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
- 6. WHEN MOTOR OVERLOADS SIZES ARE DIFFERENT, MOTOR 1 WILL BE THE LARGER OF THE TWO MOTORS

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 5-31 TERMINAL 29 5 14-20 RESET MODE 13 I		1	OUTPUT
		RUNNING	
		13	INFINITE AUTO REST

В		
Α	SP10119	11/10
DR	SP10076	09/10
REV	ECN	DATE

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DRN NAME

D TM

MODEL

NEMA 3R,208V,2C , MAIN DISC, MAIN & DRIVE FUSE ,3MB1,DUAL MOTOR,1 FAN



VLT PAGE 1 OF 2 SIZE NO.

WIRE COLOR SCHEME
BLACK - LINE VOLTAGE
RED - AC CONTROL
WHITE - AC GROUNDED

CIRCUIT CONDUCTOR
BLUE - DC CONTROL
GREEN - CHASSIS GROUND

TERMINAL IDENTIFCATION

X - DRIVE TERMINAL

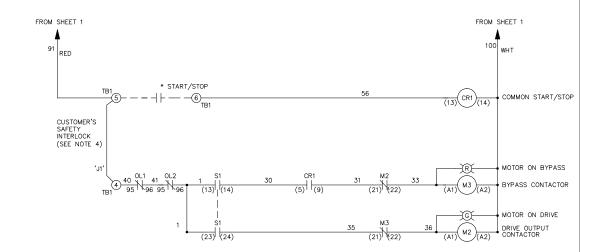
CUSTOMER TERMINAL

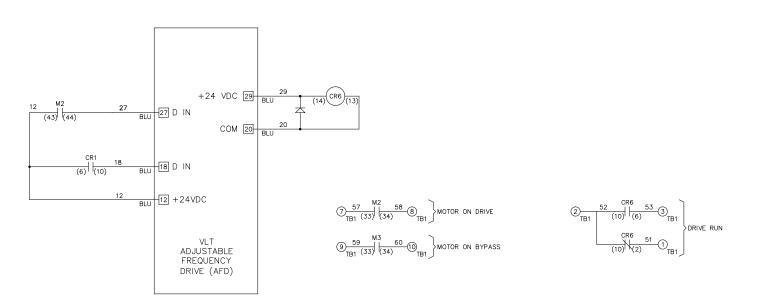
CUSTOMER DRY CONTACT RATINGS

RELAY	CONTACT RATING
CR1, CR6	5A @ 120VAC 1/10 HP @ 120VAC
M2, M3	10A @ 120/240VAC

CONTACT SEQUENCE CHART FOR S1 X INDICATES CONTACT CLOSED

A INDICATES CONTACT CLUSED			
POSITION			
CONTACT	DRIVE	OFF	BYPASS
13-14			Χ
23-24	Χ		





В		
Α	SP10119	11/10
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	DRN		
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	4 DD		

DTM

NAME NEMA 3R,208V,2C , MAIN DISC, MAIN & DRIVE FUSE ,3MB1,DUAL MOTOR,1 FAN



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