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 H4T1 (L1) M2 (T1) 2T1 * AC MOTOR 1 *CUSTOMER _L1_(<u>L1)</u>__(T1) 5L1 VLT(L1) | (T1) 1T1 (L1) \(\infty\) T1 INPUT SUPPLIED [F16A] L1/R/91 T1/U/96 POWER ADJUSTABLE FREQUENCY 5L2 4T2 (L2) (T2) 2T2 (L2) (T2) 1T2 (L2) T2 BRANCH L2 (L2) (T2) BLK 2L2 3L2 3 PH, 240V, [F16B] L2/S/92 T2/V/97 DRIVE CIRCUIT L3 (L3) (T3) BLK 2L3 4T3 (L3) (T3) 2T3 (L3) (T3) 1T3 (L3) PROTECTION L3/T/93 T3/W/98 (AFD) 60Hz (SEE NOTE 3) DRIVE INPUT FUSES MAIN DRIVE DISCONNECT DISCONNECT (L1) (T1) 3T1 (L1) T1 (L2) (T2) 3T2 (L2) T2 *AC MOTOR 2 EARTH GROUND GRN (L1) (T1) (L2) (T2) (L3) (T3) (L3) (T3) 3T3 (L3) 163 RED X2 100 WHT F12 115VAC HEATER (SET: 65° F) (12) 5 (11) TS1 CR6 167 7)FAN 1 (SET: 80°F) (9) (23) (24) TB2 TS1 FAN 2 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.

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

NOTES

1. * INDICATES COMPONENTS NOT SUPPLIED BY MANUFACTURER.

2. REFER TO THE INSTALLATION AND OPERATION MANUAL FOR DRIVE FUNCTIONS AND PARAMETER SETTINGS.

3. BRANCH CIRCUIT PROTECTION, INPUT POWER AND MOTOR WINING 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

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

- NOTICE
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DRN D TM

D TM

APR

/ NAME

NEMA 3R,240V,2C ,MAIN & DRIVE DISC, DRIVE FUSE ,3MB1,CONTACT MOTOR SELECT,2 FAN

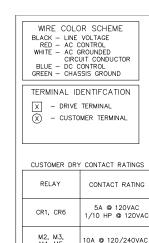
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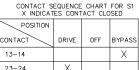
MODEL

VLT | PAGE <u>1</u> OF <u>2</u>

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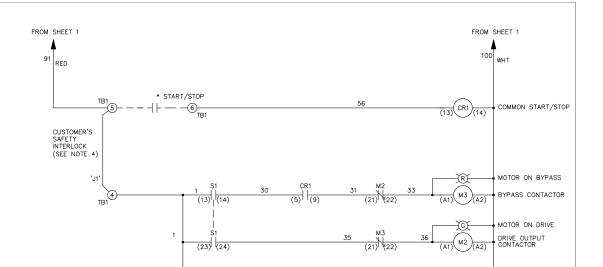


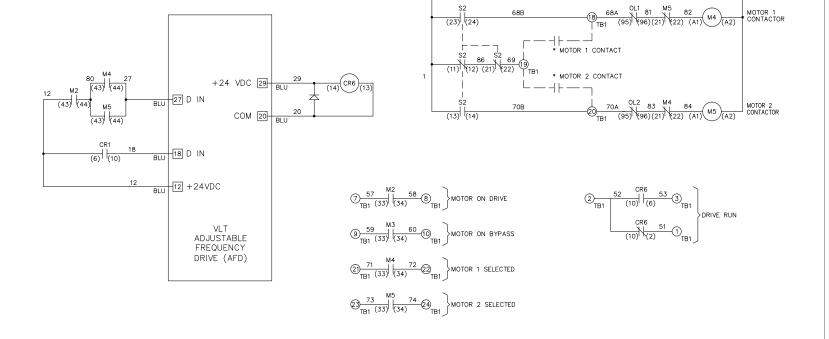
X INDICATES CONTACT CLOSED			
POSITION			
CONTACT	DRIVE	OFF	BYPASS
13-14			Χ
23-24	Χ		



CONTACT SEQUENCE CHART FOR S2

X INDICATES CONTACT CLOSED			
POSITION			
CONTACT	MOTOR 1	AUTO	MOTOR 2
11-12	X	X	
13-14			X
21-22		X	X
23-24	Х		





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

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DTM

NAME NEMA 3R,240V,2C ,MAIN & DRIVE DISC, DRIVE FUSE ,3MB1,CONTACT MOTOR SELECT,2 FAN



MODEL

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