WIRE COLOR SCHEME TERMINAL IDENTIFICATION BLACK - LINE VOLTAGE RED - AC CONTROL X - DRIVE TERMINAL WHITE - AC GROUNDED - CUSTOMER TERMINAL CIRCUIT CONDUCTOR
BLUE - DC CONTROL GREEN - CHASSIS GROUND EARTH GROUND EARTH GROUND GRN / \neg * AC MOTOR 1 4T1 (L1) M2 4T2 (L2) (T2) 2T1 *CUSTOMER L1 (L1) (T1) 1L1 BLK (F15A) 2L1 (U1) (U2) 4L1 F16A 5L1 L1/R/91 VLT (L1) (T1) 1T1 (L1) T1 INPUT SUPPLIED T1/U/96 POWER 3L2 (V1) (V2) 4L2 [F16B] 5L2 L2/S/92 ADJUSTABLE FREQUENCY (L2) (T2) 1T2 (L2) T2 L2 (L2) (T2) 1L2 BLK F15B 2L2 2T2 FEEDER T2/V/97 3 PH, 208V, 3L3 (W1) (W2) 4L3 (F16C) 5L3 (L2/5/92) 1.3/T/93 2T3 (L3) (T3) 1T3 (L3) T3 L3 (L3) (T3) 1L3 BLK ||F15C|| 2L3 DRIVE CIRCUIT 4T3 (L3) (T3) PROTECTION T3/W/98 (AFD) 60Hz (SEE NOTE 3) INPUT DRIVE INPUT FUSES DRIVE MAIN MAIN LINE DISCONNECT DISCONNECT **FUSES** REACTOR (L1) (T1) (L2) (T2) (L1) (T1) 3T1 (L1) T1 (L2) (T2) 3T2 (L2) T2 *AC MOTOR 2 EARTH GROUND GRN (L3) (T3) (L3) (T3) 3T3 (L3) 163 RED X3 100 WHT F12 115VAC 250V (12) 5 (11) TS1 HEATER (SET: 65° F) CR6 167 (9) (5) (2) FAN 1 (SET: 80° F) (23) (24) TB2 TS1

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 #	PARAMETER # NAME		VALUE
0-02	0-02 MOTOR SPEED UNIT		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	-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. 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:

TO SHEET 2

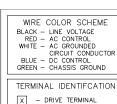
5.1. HIGHER SWITCHING FREQUENCY THAN DRIVE DEFAULT

5.2. HIGHER THAN PANEL LISTED AMBIENT TEMPERATURES

5.3. ELEVATION ABOVE 3300 FEET (1000 METERS)

5.4. LONG MOTOR LEAD LENGTHS

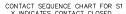
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A SP10119 11/10 THE INFORMATION EMBORIED THEREIN SHALL BE USED ONLY FOR RECORD MAIN & DRIVE DISC, MAIN & DRIVE FUSE MAIN & DRIVE DISC, MAIN & DRIVE FUSE	Janjoos
DR SP10076 09/10 AND REFERENCE PURPOSES, SHALL NOT BE USED OR CAUSED TO BE USED TO BE USED OR CAUSED TO BE USED OR CAUSED TO BE USED TO BE USED TO BE USED OR CAUSED TO BE USED TO BE	
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 $\overline{\otimes}$ - CUSTOMER TERMINAL

CUSTOMER DRY CONTACT RATINGS

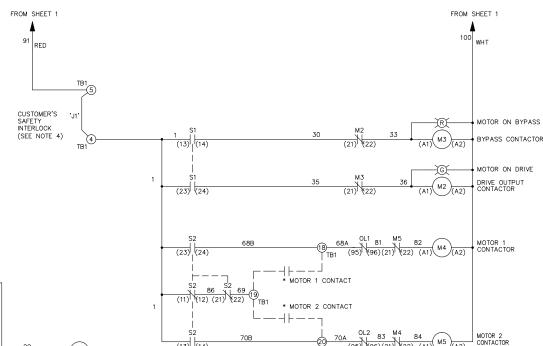
RELAY	CONTACT RATING
CR6	5A @ 120VAC 1/10 HP @ 120VAC
M2, M3, M4, M5	10A @ 120/240VAC

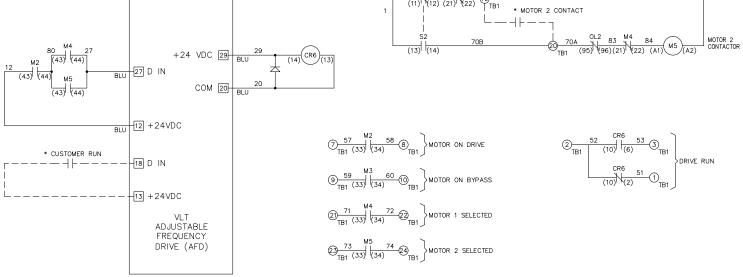


X INDICATES CONTACT CLOSED			
POSITION			
CONTACT	DRIVE	OFF	BYPASS
13-14			Χ
23-24	Χ		

CONTACT SEQUENCE CHART FOR S2

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





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

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	DRN	
)		D TM

DTM

APR

NAME NEMA 3R,208V,2C ,MAIN & DRIVE DISC, MAIN & DRIVE FUSE ,3MB,IR,CONTACT MOTOR SELECT,1 FAN



MODEL

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