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) (T1) 2T1 \* AC MOTOR OL \*CUSTOMER (U1) (U2) 4L1 (F16A) L1 (L1) (T1) 1L1 BLK [F15A] 2L1 VLT INPUT SUPPLIED T1/U/96 POWER (V1) (V2) 4L2 |F16B| 5L2 ADJUSTABLE FREQUENCY 4T2 (L2) (T2) (L2) T2 FEEDER L2 (L2) (T2) 1L2 BLK [F15B] 2L2 3L2 3 PH, 208V, L2/S/92 T2/V/97 3L3 (W1) (W2) 4L3 ||F16C|| 5L3 ||L2/5/92 ||L3/T/93 || DRIVE CIRCUIT L3 (L3) (T3) 1L3 BLK [F15C] 2L3 (L3) T3 4T3 (L3) (T3) PROTECTION T3/W/98 (AFD) 60Hz (SEE NOTE 3) INPUT DRIVE INPUT FUSES DRIVE MAIN DISCONNECT FUSES DISCONNECT REACTOR EARTH GROUND GRN (L1) (T1) (L2) (T2) (L3) (T3) 163 RED X3 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

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.

1. \* INDICATES COMPONENTS NOT SUPPLIED BY MANUFACTURER.

- REFER TO THE INSTALLATION AND OPERATION MANUAL FOR DRIVE FUNCTIONS AND PARAMETER SETTINGS.
- 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
- HIGHER THAN PANEL LISTED AMBIENT TEMPERATURES
- ELEVATION ABOVE 3300 FEET (1000 METERS)
- 5.4. LONG MOTOR LEAD LENGTHS

## 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.		AUTO ENERGY OPTIM VT
5-02	5-02 TERMINAL 29 TYPE		OUTPUT
5-31	TERMINAL 29	5	RUNNING
14-20 RESET MODE		13	INFINITE AUTO REST

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

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**APR** 

TO SHEET 2

NAME NEMA 3R,208V,2C ,MAIN & DRIVE DISC, MAIN & DRIVE FUSE

,3MB1,IR,SINGLE MOTOR,2 FAN PAGE <u>1</u> OF <u>2</u>

DWG 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

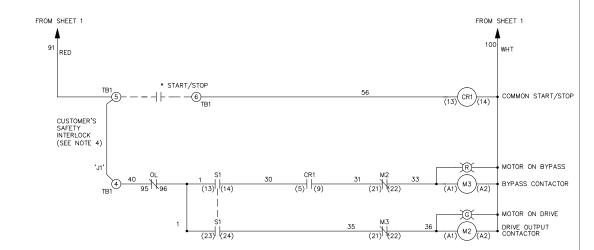
CUSTOMER TERMINAL

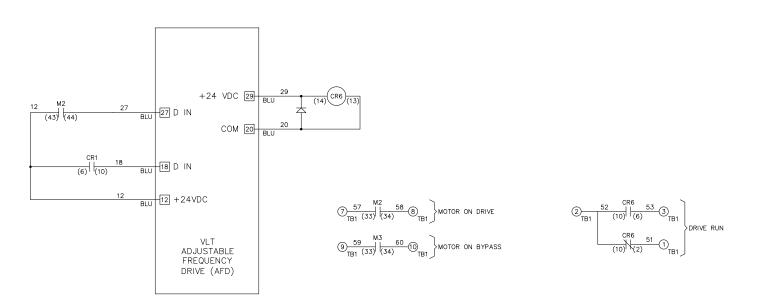
### CUSTOMER DRY CONTACT RATINGS

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

X INDICATES CONTACT CLUSED			
POSITION			
CONTACT	DRIVE	OFF	BYPASS
13-14			Х
23-24	X		





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

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



MODEL

VLT

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