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 H4T1 (L1) (T1) 2T1 (SEE NOTES 6) OL1 \*CUSTOMER 1T1\_(L1)\_X\_T1\_ L1\_(L1) TIF15ATI(T1) BLK 2L1 5L1 VLTINPUT SUPPLIED [F16A] L1/R/91 T1/U/96 F18A POWER ADJUSTABLE FREQUENCY 5L2 4T2 (L2) (T2) 1T2 (L2) T2 FEEDER L2 (L2) (T2) BLK 2L2 3L2 3 PH, 600V, [F16B] L2/S/92 T2/V/97 F18B DRIVE CIRCUIT L3 (L3) - IF15CII (T3) BLK 2L3 4T3 (L3) (T3) 1T3 (L3) PROTECTION L3/T/93 T3/W/98 -TF18CT-(AFD) 60Hz (SEE NOTE 3) DRIVE INPUT FUSES DISCONNECT DRIVE \*AC MOTOR 2 DISCONNECT (L1) M3 (T1) OL2 (SEE NOTES 6) 3T1 (L1) T1 F19A GROUND GRN 3T2 (L2) 12 (L2) (T2) F19B (L3) 3T3 (L3) (T3) F19C 163 RED 100 WHT F12 X2 X3 115VAC T2 HEATER (SET: 65° F) (12) 5 (11) TS1 CR6 167 7) FAN 1 (SET: 80° F) (9) TB2

# 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)
- 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	OUTPUT
5-31	TERMINAL 29	5	RUNNING
14-20	RESET MODE	13	INFINITE AUTO REST

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

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TO SHEET 2

NAME NEMA 3R,600V,2C ,MAIN FUSE DISC, DRIVE DISC, DRIVE FUSE ,3MB1,DUAL MOTOR.1 FAN



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DWG NO.

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

WHITE - AC GROUNDED CIRCUIT CONDUCTOR BLUE - DC CONTROL GREEN - CHASSIS GROUND

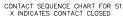
# TERMINAL IDENTIFCATION

X - DRIVE TERMINAL

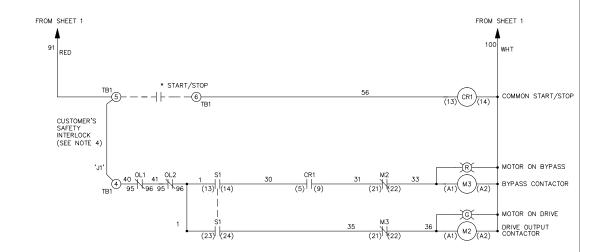
CUSTOMER TERMINAL

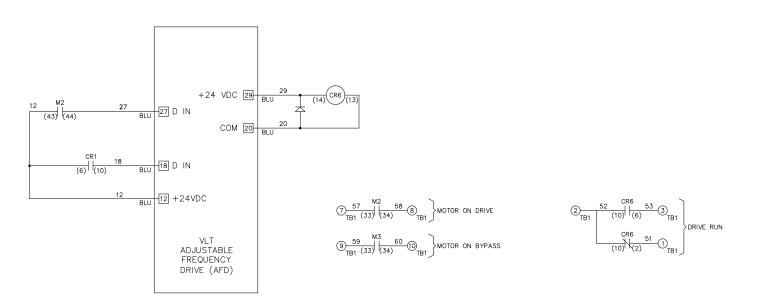
### CUSTOMER DRY CONTACT RATINGS

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



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





В		
Α	SP10119	11/10
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DRN D TM	NAME
	1

DTM

ME NEMA 3R,600V,2C ,MAIN FUSE DISC, DRIVE DISC, DRIVE FUSE ,3MB1,DUAL MOTOR,1 FAN



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