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) OL1 4T1 (L1) M2 (T1) 2T1 \*CUSTOMER 1T1\_(L1)\_X\_T1\_ L1\_(L1) \\_(T1) 5L1 VLT INPUT SUPPLIED [F16A] L1/R/91 T1/U/96 -TF18AT POWER ADJUSTABLE FREQUENCY 5L2 4T2 (L2) (T2) 1T2 (L2) T2 BRANCH L2 (L2) (T2) BLK 2L2 3L2 [F16B] 3 PH, 208V, L2/S/92 T2/V/97 F18B DRIVE CIRCUIT L3 (L3) (T3) BLK 2L3 4T3 (L3) (T3) 1T3 (L3) PROTECTION L3/T/93 T3/W/98 -TF18CT-(AFD) 60Hz (SEE NOTE 3) DRIVE INPUT FUSES MAIN DRIVE \*AC MOTOR 2 DISCONNECT DISCONNECT M3 (L1) (T1) (L2) (T2) OL2 (SEE NOTES 6) 3T1 (L1) T1\_ 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 H (5) 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.

1. \* INDICATES COMPONENTS NOT SUPPLIED BY MANUFACTURER.

- REFER TO THE INSTALLATION AND OPERATION MANUAL FOR DRIVE FUNCTIONS AND PARAMETER SETTINGS.
- BRANCH 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:
- 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
- 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		
А	SP10119	11/10
DR	SP10076	09/10
REV	ECN	DATE

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DRN NAME NEMA 3R,208V,2C D TM ,MAIN & DRIVE DISC, DRIVE FUSE ,3MB1,DUAL MOTOR.1 FAN **APR** MODEL

D TM

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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

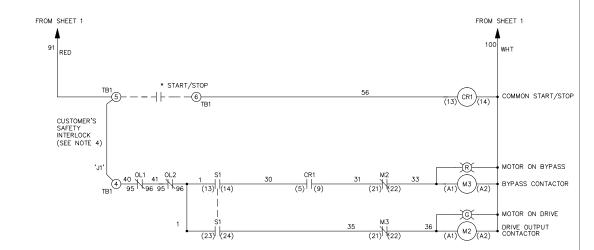
CUSTOMER TERMINAL

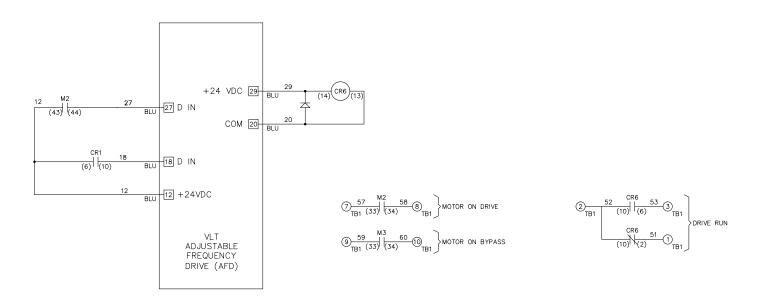
#### CUSTOMER DRY CONTACT RATINGS

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

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





В		
Α	SP10119	11/10
DR	SP10076	09/10
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DTM

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

Danfoss
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