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  $\neg$ \* AC MOTOR OL 4T1 (L1) M2 (T1) 2T1 \*CUSTOMER (U1) (U2) 4L1 F16A 5L1 L1/R/91 L1 (L1) (T1) BLK 2L1 VLT (L1)<sub>XX</sub> T1 INPUT SUPPLIED T1/U/96 (V1) (V2) 4L2 | F16A| 5L2 | L2/S/92 | (W1) (W2) 4L3 | F16C| 5L3 | L3/T/93 | POWER ADJUSTABLE FREQUENCY 4T2 (L2) (T2) (L2) T2 FEEDER L2 (L2) (T2) BLK 2L2 T2/V/97 3 PH, 208V, DRIVE (L3)<sub>C</sub> T3 CIRCUIT L3 (L3) O IF15CI (T3) BLK 2L3 4T3 (L3) (T3) PROTECTION T3/W/98 (AFD) 60Hz (SEE NOTE 3) INPUT DRIVE INPUT FUSES DISCONNECT REACTOR (L1) (T1) (L2) (T2) EARTH GROUND GRN (L3) (T3) 163 RED X3 -| F12 |-115VAC 250V (12) 5 (11) TS1 HEATER (SET: 65° F) CR6 167 (SET: 80° F) (9) (5) (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.

### 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

### 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

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WIRE COLOR SCHEME WIRE COLUM SCHEME
BLACK - LINE VOLTAGE
RED - AC CONTROL
WHITE - AC GROUNDED
CIRCUIT CONDUCTOR
BLUE - DC CONTROL
GREEN - CHASSIS GROUND

## TERMINAL IDENTIFICATION

X - DRIVE TERMINAL

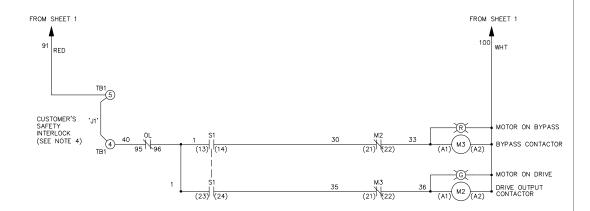
 $\overline{\otimes}$ - CUSTOMER TERMINAL

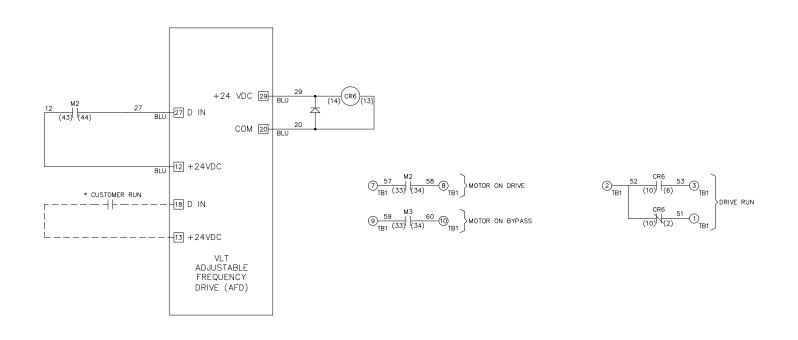
## CUSTOMER DRY CONTACT RATINGS

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

# CONTACT SEQUENCE CHART FOR S1

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





В		
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DRN	D TM
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DTM

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

Danfoss
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MODEL VLT

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