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 H* AC MOTOR OL 4T1 (L1) M2 (T1) 2T1 *CUSTOMER _L1_(<u>L1)</u>__(T1) BLK 2L1 (U1) (U2) 4L1 (F16A) 5L1 (L1/R/91 VLT INPUT SUPPLIED T1/U/96 POWER (V1) (V2) 4L2 |F16B| 5L2 |L2/S/92 ADJUSTABLE FREQUENCY 4T2 (L2) (T2) (L2) T2 BRANCH L2 (L2) (T2) BLK 2L2 T2/V/97 3 PH. (W1) (W2) 4L3 [F16C] 5L3 L2/5/92 L3/T/93 DRIVE CIRCUIT L3 (L3) (T3) BLK 2L3 4T3 (L3) (T3) 480V, PROTECTION T3/W/98 (AFD) 60Hz (SEE NOTE 3) INPUT DRIVE INPUT FUSES MAIN DISCONNECT REACTOR (L1) (T1) (L2) (T2) EARTH GROUND GRN (L3) (T3) 163 RED X2 F12 115VAC HEATER (SET: 65° F) (12) 5 (11) TS1 CR6 167 (9) (5) 7)FAN 1 (SET: 80°F) 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.

DRIVE PARAMETER SETTINGS

	1		
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

NOTES

- 1. * INDICATES COMPONENTS NOT SUPPLIED BY MANUFACTURER.
- 2. REFER TO THE INSTALLATION AND OPERATION MANUAL FOR DRIVE FUNCTIONS AND PARAMETER SETTINGS.
- 3. BRANCHCIRCUIT 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

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

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TO SHEET 2

NEMA 3R,480V,2C ,MAIN DISC, DRIVE FUSE ,3MB1,IR,SINGLE MOTOR,1 FAN

Danfoss

MODEL VLT

NAME

PAGE <u>1</u> OF <u>2</u>

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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

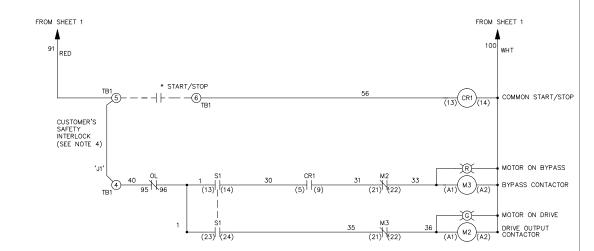
CUSTOMER TERMINAL

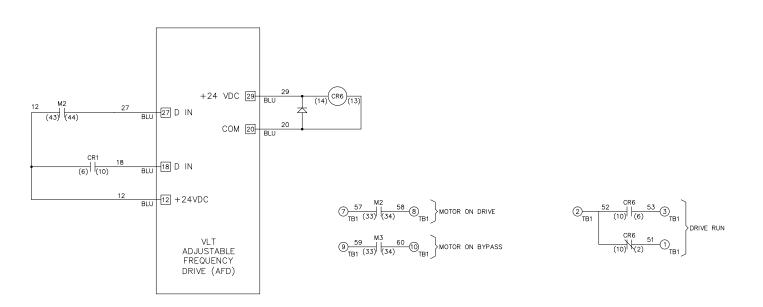
CUSTOMER DRY CONTACT RATINGS

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			Χ
23-24	X		





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

NAME NEMA 3R,480V,2C ,MAIN DISC, DRIVE FUSE ,3MB1,IR,SINGLE MOTOR,1 FAN



MODEL

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

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