WIRE COLOR SCHEME TERMINAL IDENTIFICATION BLACK - LINE VOLTAGE X - 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) (T1) 3L1 (U1) (U2) 4L1 (F16A) L1 (L1) (T1) 1L1 BLK [F15A] 2L1 VLT (L1)_{XX} <u>T1</u> INPUT SUPPLIED T1/U/96 POWER L2 (L2) (T2) 1L2 BLK |F15B| 2L2 (L2) (T2) 3L2 (V1) (V2) 4L2 [F16B] 5L2 ADJUSTABLE FREQUENCY 4T2 (L2) (T2) (L2) T2 FEEDER 3 PH, 240V, L2/S/92 T2/V/97 (L3) (T3) 3L3 (W1) (W2) 4L3 (F16C) 5L3 L3/T/93 DRIVE CIRCUIT L3 (L3) (T3) 1L3 BLK |F15C|| 2L3 (L3)<u>~ T3</u>. 4T3 (L3) (T3) PROTECTION T3/W/98 (AFD) 60Hz (SEE NOTE 3) DRIVE INPUT FUSES MAIN DISCONNECT FUSES REACTOR EARTH GROUND GRN (L1) (T1) (L2) (T2) (L3) (T3) 163 RED X2 100 WHT 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.

IOTES:

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

TO SHEET 2

- 3. FEEDER CIRCUIT PROTECTION, INPUT POWER AND MOTOR WRING 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
- 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 #	PARAMETER # NAME		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	5-02 TERMINAL 29 TYPE 5-31 TERMINAL 29		OUTPUT
5-31			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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DRN D*TM*

DTM

APR

TO SHEET 2

NAME

NEMA 3R,240V,3C , MAIN DISC, MAIN & DRIVE FUSE ,3MB1,IR,SINGLE MOTOR,2 FAN



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

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CIRCUIT CONDUCTOR
BLUE - DC CONTROL
GREEN - CHASSIS GROUND

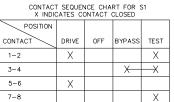
TERMINAL IDENTIFCATION

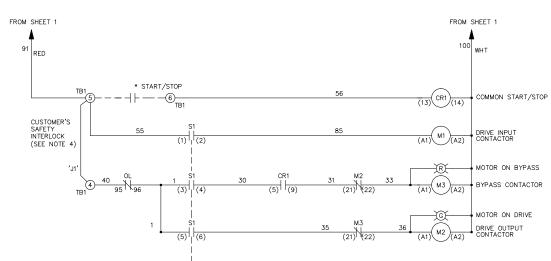
X - DRIVE TERMINAL

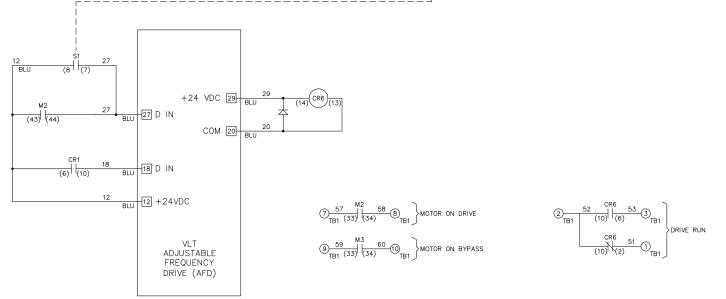
CUSTOMER TERMINAL

CUSTOMER DRY CONTACT RATINGS

RELAY	CONTACT RATING	
CR1, CR6	5A @ 120VAC 1/10 HP @ 120VAC	
M1, M2, M3	10A @ 120/240VAC	







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

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NEMA 3R,240V,3C , MAIN DISC, MAIN & DRIVE FUSE ,3MB1,IR,SINGLE MOTOR,2 FAN



MODEL

NAME

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

. SIZE A

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