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 * AC MOTOR 1 H(SEE NOTES 6) OL1 4T1 (L1) M2 (T1) 2T1 *CUSTOMER (U1) (U2) 4L1 (F16A) 1T1 (L1) X T1 L1_(L1) \-\-(T1) BLK 2L1 VLTINPUT SUPPLIED L1/R/91 T1/U/96 -[F18A] POWER (V1) (V2) 4L2 (F16B) 5L2 ADJUSTABLE FREQUENCY 4T2 (L2) (T2) 1T2 (L2) T2 FEEDER L2 (L2) (T2) BLK 2L2 L2/S/92 T2/V/97 F18B 3 PH. (W1) (W2) 4L3 [F16C] 5L3 L2/5/92 L3/T/93 DRIVE CIRCUIT L3 (L3) - IF15CII (T3) BLK 2L3 4T3 (L3) (T3) 1T3 (L3) 480V, PROTECTION T3/W/98 -TF18CT-(AFD) 60Hz (SEE NOTE 3) MAIN INPUT DRIVE INPUT FUSES DISCONNECT *AC MOTOR 2 REACTOR M3 (L1) (T1) (L2) (T2) OL2 (SEE NOTES 6) F19A GROUND GRN 3T2 (L2) T2 F19B (L3) 3T3 (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) (23) (24) TB2

TO SHEET 2

DTM

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

- 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 HZ	
0-02	MOTOR SPEED UNIT	1		
0-03	REGIONAL SETTINGS 1 NORTH A		NORTH AMERICA	
1-03	TORQUE CHAR.	1	VARIABLE TORQUE OUTPUT	
5-02	TERMINAL 29 TYPE	1		
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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DRN	NAME	NEMA 3R,480V,2C
D TM		,MAIN FUSE DISC, DRIVE FUSI
APR		,3MB1,IR,DUAL MOTOR,1 FAN
	MODEL	NUT DAGE 1 OF 2 SIZE A

VLT

PAGE _1_ OF _2

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

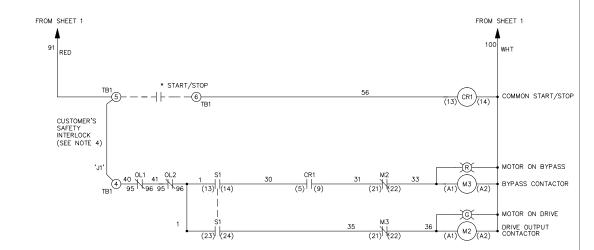
CUSTOMER TERMINAL

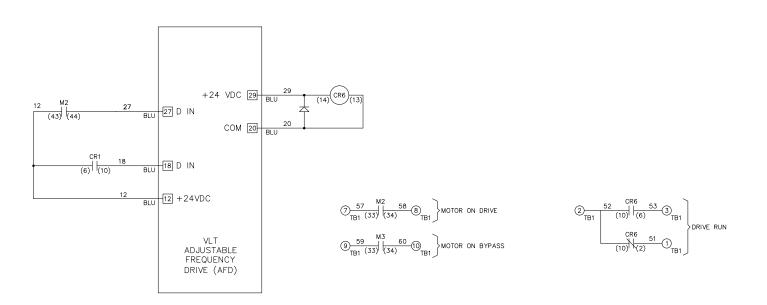
CUSTOMER DRY CONTACT RATINGS

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

CONTACT SEQUENCE CHART FOR S1 X INDICATES CONTACT CLOSED

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





В		
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DRN	D TM	N
APR		

DTM

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



MODEL VLT PAGE 2 OF 2 SIZE NO. 185804