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) BLK 2L1 (U1) (U2) 4L1 (F16A) 5L1 (L1/R/91 VLTINPUT SUPPLIED T1/U/96 -TF18AT POWER (V1) (V2) 4L2 (F16B) 5L2 ADJUSTABLE FREQUENCY 4T2 (L2) (T2) 1T2 (L2) T2 BRANCH L2 (L2) (T2) BLK 2L2 3 PH, 600V, L2/S/92 T2/V/97 F18B (W1) (W2) 4L3 F16C 5L3 L3/T/93 DRIVE CIRCUIT L3 (L3) (T3) BLK 2L3 4T3 (L3) (T3) 1T3 (L3) PROTECTION T3/W/98 -TF18CT-(AFD) 60Hz (SEE NOTE 3) INPUT DRIVE INPUT FUSES MAIN *AC MOTOR 2 DISCONNECT REACTOR M3 (L1) (T1) (L2) (T2) OL2 (SEE NOTES 6) EARTH GROUND GRN F19A 3T2 (L2) T2 F19B (L3) 3T3 (L3) (T3) F19C 163 RED 100 WHT F12 X2 X3 115VAC T2 HEATER (SET: 65° F) (12) 5 (11) TS1 CR6 167 (9) (5) 7)FAN 1 (SET: 80°F) (23) (24) TB2 TS1 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)
- 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 D <i>TM</i>	NAME	,MAIN	
APR		,3MB1,I	⋉,L
"	MODEL	VLT	P/

IA 3R,600V,2C DISC, DRIVE FUSE DUAL MOTOR,1 FAN

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WIRE COLOR SCHEME
BLACK — LINE VOLTAGE
RED — AC CONTROL
WHITE — AC GROUNDED

WHITE — AC GROUNDED CIRCUIT CONDUCTOR BLUE — DC CONTROL GREEN — CHASSIS GROUND

TERMINAL IDENTIFICATION

X - DRIVE TERMINAL

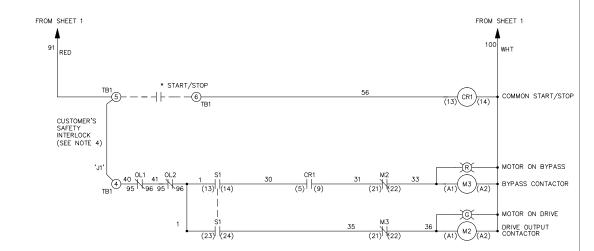
CUSTOMER TERMINAL

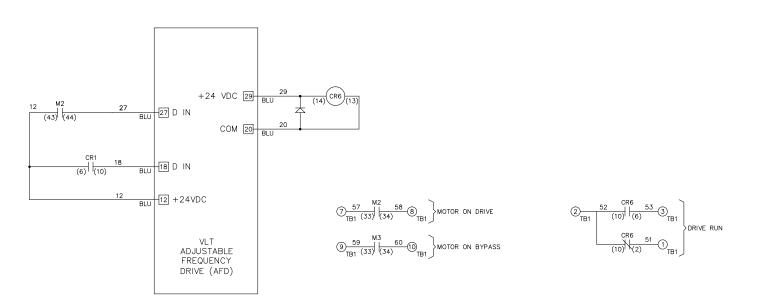
CUSTOMER DRY CONTACT RATINGS

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 INDICAT	E2 CON	ACT CLC	SED
POSITION			
CONTACT	DRIVE	OFF	BYPASS
13-14			Χ
23-24	Χ		





В		
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)	DRN	D TM
	ΔPR	

DTM

NAME NEMA 3R,600V,2C ,MAIN DISC, DRIVE FUSE ,3MB1,IR,DUAL MOTOR,1 FAN

MODEL

VLT

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ZEA | DWG 185B06