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 (L1) (T1) 5L1 VLT(L1)_{XX} <u>T1</u> INPUT SUPPLIED [F16A] L1/R/91 T1/U/96 POWER ADJUSTABLE FREQUENCY 5L2 4T2 (L2) (T2) (L2) T2 BRANCH L2 (L2) (T2) BLK 2L2 3L2 [F16B] 3 PH, 600V, L2/S/92 T2/V/97 DRIVE CIRCUIT (L3) <u>T3</u> L3 (L3) (T3) BLK 2L3 4T3 (L3) (T3) PROTECTION L3/T/93 T3/W/98 (AFD) 60Hz (SEE NOTE 3) DRIVE INPUT FUSES DRIVE DISCONNECT DISCONNECT EARTH GROUND GRN (L1) (T1) (L2) (T2) (L3) (T3) 163 RED 100 WHT F12 X2 X3 115VAC T2 HEATER (SET: 65° F) (12) 5 (11) TS1 CR6 167 (9) (5) (2) FAN 1 (SET: 80° F) (23) (24) TB2 TS1 FAN 2 2)FAN 3 FAN 4 WARNING! THE FOLLOWING TABLE LISTS THE PARAMETERS THAT ARE SET DIFFERENT FROM THE DRIVE DEFAULT SETTINGS. ADDITIONAL PARAMETER SETTINGS MAY BE REQUIRED TO SHEET 2 TO SHEET 2 FOR YOUR APPLICATION.

NOTES:

- * 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:
- HIGHER SWITCHING FREQUENCY THAN DRIVE DEFAULT
- HIGHER THAN PANEL LISTED AMBIENT TEMPERATURES
- ELEVATION ABOVE 3300 FEET (1000 METERS)
- LONG MOTOR LEAD LENGTHS

DRIVE PARAMETER SETTINGS

PARAMETER # NAME		SETTING	VALUE	
0-02	0-02 MOTOR SPEED UNIT		HZ	
0-03	0-03 REGIONAL SETTINGS		NORTH AMERICA	
1-03	03 TORQUE CHAR.		AUTO ENERGY OPTIM VT	
5-02	02 TERMINAL 29 TYPE 1		OUTPUT	
5-31	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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MODEL VLT

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DWG NO.

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

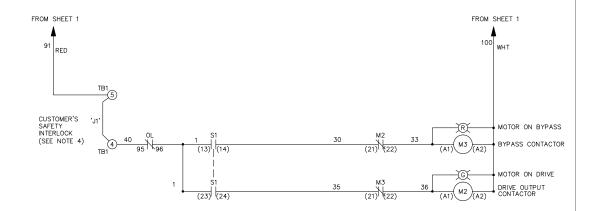
 $\overline{\otimes}$ - CUSTOMER TERMINAL

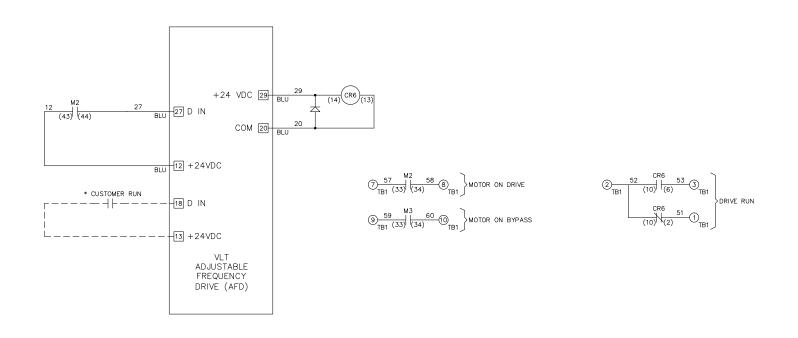
CUSTOMER DRY CONTACT RATINGS

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

CONTACT SEQUENCE CHART FOR S1

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





В		
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MODEL VLT

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