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_ 5L1 VLTINPUT SUPPLIED [F16A] L1/R/91 T1/U/96 -TF18AT POWER ADJUSTABLE FREQUENCY 5L2 4T2 (L2) (T2) 1T2 (L2) T2 FEEDER L2 BLK 2L2 3L2 [F16B] 3 PH, 600V, L2/S/92 T2/V/97 F18B DRIVE CIRCUIT BLK 2L3 3L3 4T3 (L3) (T3) 1T3 (L3) PROTECTION L3/T/93 T3/W/98 -TF18CT-0-(AFD) 60Hz (SEE NOTE 3) CB1 DRIVE INPUT FUSES DRIVE CIRCUIT *AC MOTOR 2 DISCONNECT BREAKER M3 (L1) (T1) (L2) (T2) OL2 (SEE NOTES 6) [F19A] GROUND GRN 3T2 (L2) T2 F19B (L3) 3T3 (L3) (T3) F19C 163 RED 100 WHT F12 X2 X3 250V 115VAC T2 (12) (4) HEATER (SET: 65° F) (12) 5 (11) TS1 CR6 167 2)FAN 1 (SET: 80°F) (9) (5) (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. DRIVE PARAMETER SETTINGS 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:
- 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

PARAMETER #	NAME	SETTING	VALUE
0-02	MOTOR SPEED UNIT	1	HZ
0-03	-03 REGIONAL SETTINGS		NORTH AMERICA
1-03	TORQUE CHAR.	1	VARIABLE TORQUE
5-02	TERMINAL 29 TYPE	1	OUTPUT
5-31	TERMINAL 29	5	RUNNING
14-20	-20 RESET MODE		INFINITE AUTO REST

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

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DRN D TM	NAME	NEMA 3R,600V,2C ,MAIN CB, DRIVE DISC, DRIVE FUSE		
APR		,3MB1,DUAL MOTOR,4 FAN		
DTM	MODEL	VLT PAGE 1 OF 2 SIZE	Z D	



DWG PAGE 1 OF 2 NO.

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

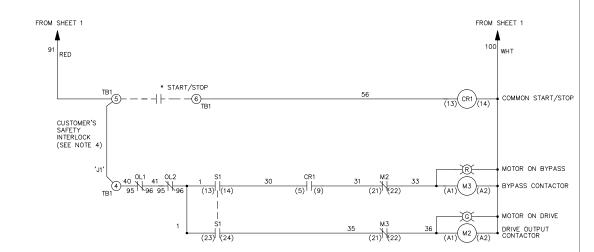
CUSTOMER TERMINAL

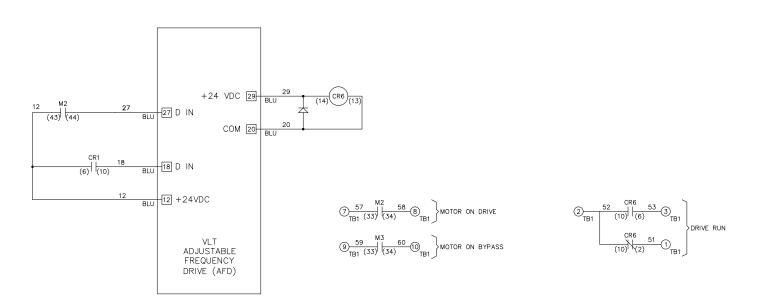
CUSTOMER DRY CONTACT RATINGS

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

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





В		
Α	SP10119	11/10
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drn D <i>TM</i>	NAME
A D D	
ALIV	

DTM

NEMA 3R,600V,2C ,MAIN CB, DRIVE DISC, DRIVE FUSE ,3MB1,DUAL MOTOR,4 FAN



MODEL VLT PAGE 2 OF 2 SIZE A DWG 185B2227