WIRE COLOR SCHEME TERMINAL IDENTIFICATION BLACK - LINE VOLTAGE RED - AC CONTROL - DRIVE TERMINAL WHITE - AC GROUNDED - CUSTOMER TERMINAL CIRCUIT CONDUCTOR
BLUE - DC CONTROL GREEN - CHASSIS GROUND EARTH GROUND EARTH GROUND \neg 4T1 (L1) M2 4T2 (L2) (T2) 2T1 * AC MOTOR 1 *CUSTOMER 3L1 (U1) (U2) 4L1 (F16A) 5L1 L1/R/91 VLT INPUT SUPPLIED T1/U/96 3L2 (V1) (V2) 4L2 (F16B) 5L2 (L2/S/92 POWER ADJUSTABLE FREQUENCY (L2) (T2) 1T2 (L2) T2 2T2 FEEDER BLK 2L2 T2/V/97 3 PH, 480V, 3L3 (W1) (W2) 4L3 ||F16C|| 5L3 ||L2/5/92 ||L3/T/93 || DRIVE 2T3 (L3) (T3) 1T3 (L3) T3 CIRCUIT BLK 2L3 4T3 (L3) (T3) PROTECTION · :__\ T3/W/98 (AFD) 60Hz (SEE NOTE 3) CB1 INPUT DRIVE INPUT FUSES DRIVE CIRCUIT DISCONNECT REACTOR BREAKER (L1) (T1) (L2) (T2) *AC MOTOR 2 EARTH GROUND GRN (L3) (T3) (L3) (T3) 3T3 (L3) 163 RED X2 100 WHT F12 115VAC 250V CR6 (12) 5 (11) TS1 HEATER (SET: 65° F) CR6 167 2)FAN 1 (SET: 80° F) (9) (5) (23) (24) TB2 TS1 FAN 2 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.

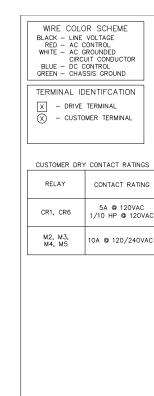
1. * INDICATES COMPONENTS NOT SUPPLIED BY MANUFACTURER.

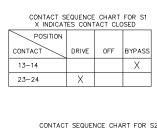
- 2. REFER TO THE INSTALLATION AND OPERATION MANUAL FOR DRIVE FUNCTIONS AND PARAMETER SETTINGS.
- 2. FEEDER CIRCUIT PROTECTION, INPUT POWER AND MOTOR WRING MUST BE SELECTED IN ACCORDANCE WITH THE N.E.C., ANY APPLICATION LOCAL CODES AND THE LOAD CURRENT RATING.
- 4. REPLACE JUMPER 'J1' WITH NORMALLY CLOSED 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 # NAME		SETTING	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	TERMINAL 29 TYPE	1	OUTPUT		
5-31	TERMINAL 29	5	RUNNING		
14-20	RESET MODE	13	INFINITE AUTO REST		

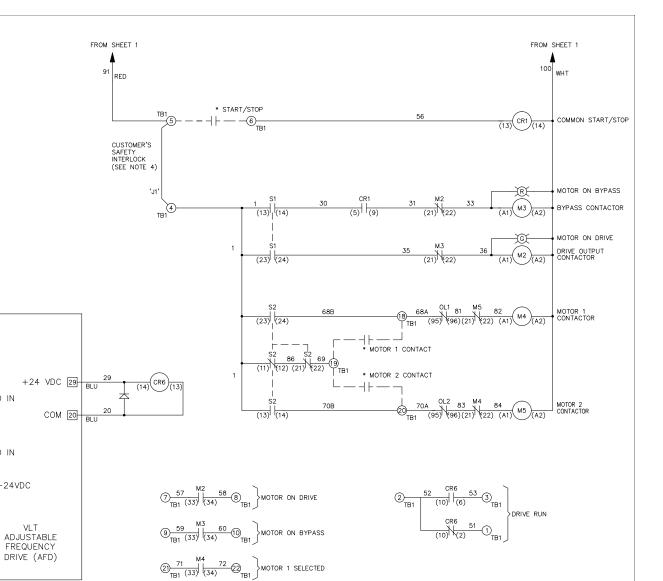
В			- NOTICE - THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF DANFOSS DRIVES.	DRN	NAME	NI	EMA 3R,480V,2C			- Lu
Α	SP10119	11/10	IT IS LOANED BY DANFOSS DRIVES SUBJECT TO THE CONDITIONS THAT IT AND THE INFORMATION EMBODIED THEREIN SHALL BE USED ONLY FOR RECORD AND REFERENCE PURPOSES, SHALL NOT BE USED OR CAUSED TO BE USED	DIM			DRIVE DISC, DR			Janjuos
DR	SP10076	09/10	IN ANY WAY PREJUDICIAL TO THE INTERESTS OF DANFOSS DRIVES, SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART, OR DISCLOSED	APR	MODEL	,3MB1,1R,CON	TACT MOTOR SE I	LEUI,Z	D.1110 1 -	
REV	ECN	DATE	TO ANYONE WITHOUT THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES AND SHALL BE RETURNED UPON REQUEST.	D TM	MODEL	VLT	page <u>1</u> of <u>2</u>	JIZL A	DWG 18	5B1361





CONTACT	SEQUENCE	CHART	FOR	S2
V INDIC	ATES CONT	ACT CLC	SED	

A INDICATES CONTACT CLOSED						
POSITION						
CONTACT	MOTOR 1	AUTO	MOTOR 2			
11-12	X	 X				
13-14			Χ			
21-22		X	—X			
23-24	X					



В			THIS DOCUMENT CON
Α	SP10119	11/10	IT IS LOANED BY DAN THE INFORMATION EM AND REFERENCE PUR
DR	SP10076	09/10	IN ANY WAY PREJUDI-
REV	ECN	DATE	TO ANYONE WITHOUT AND SHALL BE RETUR

- NOTICE -
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF DANFOSS DRIVES.
IT IS LOANED BY DANFOSS DRIVES SUBJECT TO THE CONDITIONS THAT IT AND
THE INFORMATION EMBODIED THEREIN SHALL BE USED ONLY FOR RECORD
AND REFERENCE PURPOSES, SHALL NOT BE USED OR CAUSED TO BE USED
IN ANY WAY PREJUDICIAL TO THE INTERESTS OF DANFOSS DRIVES, SHALL
NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART, OR DISCLOSED
TO ANYONE WITHOUT THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES
AND SHALL BE RETURNED UPON REQUEST.

MOTICE

BLU 12 +24VDC

drn D <i>TM</i>	NAME
A DD	┥,
AFK	

DTM

NEMA 3R,480V,2C ,MAIN CB, DRIVE DISC, DRIVE FUSE ,3MB1,IR,CONTACT MOTOR SELECT,2 FAN



MODEL VLT

 $\begin{array}{c|c} \hline \textcircled{3} & \begin{matrix} \textbf{M5} & \textbf{74} \\ \hline \textbf{73} & \begin{matrix} \textbf{M5} \end{matrix} & \begin{matrix} \textbf{74} \\ \hline \textbf{34} \end{matrix} & \begin{matrix} \textbf{24} \end{matrix} \\ \hline \end{matrix} & \begin{matrix} \textbf{1B1} \end{matrix} & \begin{matrix} \textbf{33} \end{matrix} \end{matrix} \end{matrix} \end{matrix}$

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