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 HOL1 (SEE NOTES 6) 4T1 (L1) M2 (T1) 2T1 *CUSTOMER 1T1 (L1) X T1 L1 (L1) (T1) 1L1 BLK (F15A) 2L1 5L1 L1/R/91 VLT INPUT SUPPLIED T1/U/96 [F16A] -TF18AT-5L2 POWER ADJUSTABLE FREQUENCY L2 (L2) (T2) 1L2 BLK | F15B| 2L2 4T2 (L2) (T2) 1T2 (L2) T2 FEEDER 3L2 -[F18B] F16C 5L3 L2/S/92 T2/V/97 3 PH, DRIVE 1T3 (L3) T3 CIRCUIT L3 (L3) (T3) 1L3 BLK [F15C] 2L3 480V, 4T3 (L3) (T3) PROTECTION L3/T/93 T3/W/98 -TF18CT-(AFD) 60Hz (SEE NOTE 3) DRIVE INPUT FUSES DRIVE MAIN *AC MOTOR 2 DISCONNECT **FUSES** DISCONNECT (L1) (T1) (L2) (T2) OL2 (SEE NOTES 6) 3T1 (L1) T1 3T2 (L2) T2 EARTH GROUND GRN [F19A] F19B (L3) (T3) 3T3 (L3) F19C 163 RED X2 100 WHT F12 115VAC CR6 3<u>—</u> TB2 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. DRIVE PARAMETER SETTINGS NOTES: PARAMETER # SETTING VALUE * INDICATES COMPONENTS NOT SUPPLIED BY MANUFACTURER. 0-02 MOTOR SPEED UNIT ΗZ 2. 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)
- 5.4. LONG MOTOR LEAD LENGTHS
- 6. WHEN MOTOR OVERLOADS SIZES ARE DIFFERENT, MOTOR 1 WILL BE THE LARGER OF THE TWO MOTORS

0-05	REGIONAL SETTINGS		NONTH 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			- NOTICE - THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF DANFOSS DRIVES.	DRN	NAME	NE	EMA 3R,480V,2C			lu
А	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	D TM	,∧		E DISC, MAIN &		FUSE Jak	<u>4000</u>
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	,JMB,	DUAL MOTOR,4	SIZE A	DWG 1 O F D O O	
REV	ECN	DATE	TO ANYONE WITHOUT THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES AND SHALL BE RETURNED UPON REQUEST.	DIM	WODEL	VLT	PAGE <u>1</u> OF <u>2</u>	A	NO. 185870	29

WIRE COLOR SCHEME BLUE - DC CONTROL

GREEN - CHASSIS GROUND

WHITE - AC GROUNDED

CIRCUIT CONDUCTOR

BLUE - DC CONTROL

GREEN - CHASSIS GROUND

TERMINAL IDENTIFCATION

X - DRIVE TERMINAL

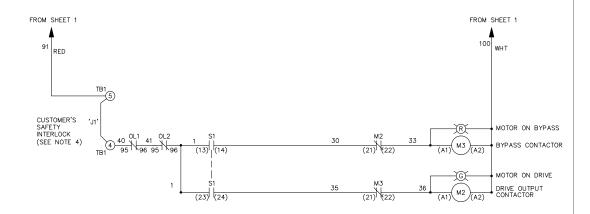
 $\overline{\otimes}$ - CUSTOMER TERMINAL

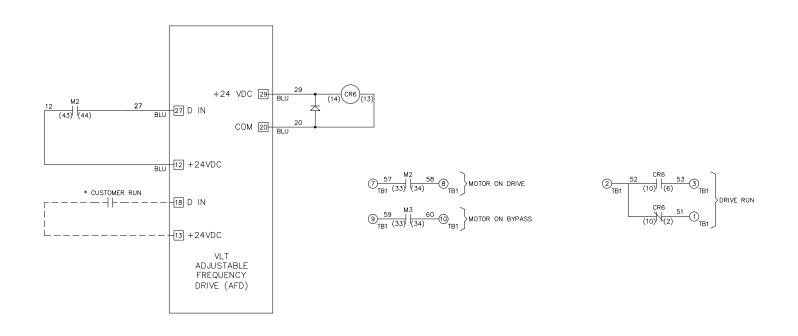
CUSTOMER DRY CONTACT RATINGS

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

CONTACT SEQUENCE CHART FOR S1

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





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

- 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.

DRN	NAME
D TM	,MA

DTM

NEMA 3R,480V,2C & MIA

DRIVE DISC,	MAIN & DRIVE	FUSE	′
,3MB,DUAL M	OTOR,4 FAN		

PAGE 2 OF 2 SIZE A NO. 18582029 MODEL VLT