WIRE COLOR SCHEME TERMINAL IDENTIFICATION BLACK - LINE VOLTAGE RED - AC CONTROL X - DRIVE TERMINAL WHITE - AC GROUNDED - CUSTOMER TERMINAL CIRCUIT CONDUCTOR BLUE - DC CONTROL GREEN - CHASSIS GROUND EARTH GROUND EARTH GROUND GRN / * AC MOTOR 1 \neg OL1 (SEE NOTES 6) 4T1 (L1) M2 (T1) 2T1 *CUSTOMER (L1) M1 (T1) 3L1 (U1) (U2) 4L1 (F16A) 5L1 L1/R/91 1T1 (L1) <u>T1</u> L1 (L1) (T1) 1L1 BLK [F15A] 2L1 VLT INPUT SUPPLIED T1/U/96 -TF18AT-POWER ADJUSTABLE FREQUENCY L2 (L2) (T2) 1L2 BLK | F15B| 2L2 (L2) (T2) 3L2 (V1) (V2) 4L2 [F16B] 5L2 L2/S/92 4T2 (L2) (T2) 1T2 (L2) T2 FEEDER -[F18B] 3 PH, 208V, T2/V/97 (L3) (L3) (X3) 3L3 (W1) (W2) 4L3 (F16C) 5L3 L3/T/93 L3 (L3) (T3) 1L3 BLK [F15C] 2L3 DRIVE 1T3 (L3) T3 CIRCUIT 4T3 (L3) (T3) PROTECTION T3/W/98 -TF18CT-(AFD) 60Hz (SEE NOTE 3) INPUT DRIVE INPUT FUSES MAIN MAIN *AC MOTOR 2 DISCONNECT **FUSES** REACTOR (L1) (T1) (L2) (T2) OL2 (SEE NOTES 6) 3T1 (L1) T1 3T2 (L2) T2 EARTH GROUND GRN [F19A] (T2 T3 F19B 3T3 (L3) (L3) (T3) -[F19C] H2 H3 H4) 163 RED X3 100 WHT F12 115VAC 250V CR6 (12) 5 (11) TS1 3<u>—</u> HEATER (SET: 65° F) CR6 167 (1)-(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.

DRIVE PARAMETER

- 1. *INDICATES COMPONENTS NOT SUPPLIED BY MANUFACTURER.
 2. REFER TO THE INSTALLATION AND OPERATION MANUAL FOR DRIVE FUNCTIONS AND PARAMETER SETTINGS.
- 3. 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 'JI' 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
- 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	-02 MOTOR SPEED UNIT		HZ
0-03	REGIONAL SETTINGS		NORTH AMERICA
1-03	1-03 TORQUE CHAR.		VARIABLE TORQUE
5-02	02 TERMINAL 29 TYPE		OUTPUT
5-31	5-31 TERMINAL 29		RUNNING
14-20 RESET MODE		13	INFINITE AUTO REST

В			- NOTICE - THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF DANFOSS DRIVES.	DRN	NAME	N	EMA 3R,208V,3C	- 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	DIM		•	SC, MAIN & DRIVE FUSE	Janjoos
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	,314161,	IR,DUAL MOTOR,1 FAN	<u>-</u>
REV	ECN	DATE	TO ANYONE WITHOUT THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES AND SHALL BE RETURNED UPON REQUEST.	D TM	IMIODEL	VLT	PAGE $\underline{1}$ OF $\underline{2}$ SIZE \underline{A} NO. 18	280190



CIRCUIT CONDUCTOR
BLUE - DC CONTROL
GREEN - CHASSIS GROUND

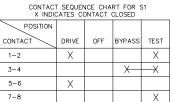
TERMINAL IDENTIFCATION

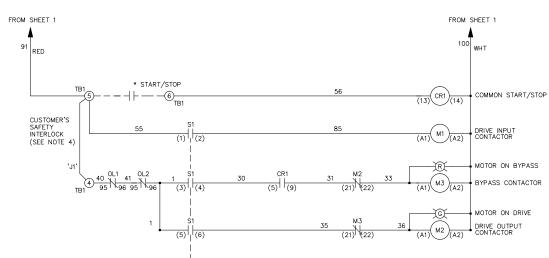
- DRIVE TERMINAL

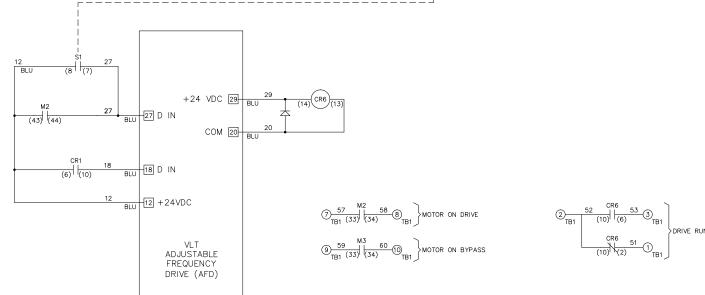
CUSTOMER TERMINAL

CUSTOMER DRY CONTACT RATINGS

RELAY	CONTACT RATING	
CR1, CR6	5A @ 120VAC 1/10 HP @ 120VAC	
M1, M2, M3	10A @ 120/240VAC	







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DTM

NAME NEMA 3R,208V,3C , MAIN DISC, MAIN & DRIVE FUSE ,3MB1,IR,DUAL MOTOR,1 FAN

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