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 /  $\neg$ 4T1 (L1) (T1) 2T1 4T2 (L2) (T2) 2 \* AC MOTOR 1 \*CUSTOMER L1 (L1) (T1) 1L1 BLK (F15A) 2L1 VLT (L1) (T1) 1T1 (L1) T1 INPUT SUPPLIED L1/R/91 T1/U/96 [F16A] 5L2 POWER ADJUSTABLE FREQUENCY (L2) (T2) 1T2 (L2) T2 L2 (L2) (T2) 1L2 BLK F15B 2L2 2T2 FEEDER T2/V/97 3 PH, 208V, L2/S/92 DRIVE 2T3 (L3) (T3) 1T3 (L3) T3 L3 (L3) (T3) 1L3 BLK ||F15C|| 2L3 |F16B| 5L3 | L2/5/92 | |F16C| 5L3 | L3/T/93 CIRCUIT 4T3 (L3) (T3) PROTECTION T3/W/98 (AFD) 60Hz (SEE NOTE 3) DRIVE INPUT FUSES MAIN DISCONNECT **FUSES** (L1) (T1) (L2) (T2) (L1) (T1) 3T1 (L1) T1 (L2) (T2) 3T2 (L2) T2 \*AC MOTOR 2 EARTH GROUND GRN (L3) (T3) (L3) (T3) 3T3 (L3) 163 RED X3 100 WHT -| F12 |-115VAC 250V CR6 (12) 5 (11) TS1 HEATER (SET: 65' F) CR6 167 (9) (5) (2) FAN 1 (SET: 80° F) (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.

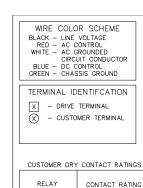
## DRIVE PARAMETER SETTINGS

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

## NOTES:

- 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 '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

A 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 OR CAUSED TO BE USED OR CAUSED TO BE USED OR SP10076 09/10 IN ANY WAY PREJUDICIAL TO THE INTERESTS OF DANFOSS DRIVES, SHALL NOT BE REPRODUCED OR COPIED IN WINTEN DEPONSOR OF DANFOSS DRIVES OF DANFO	- Lu	NEMA 3R,208V,2C	NI	N O TA		<ul> <li>NOTICE —</li> <li>THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF DANFOSS DRIVES.</li> </ul>			В
DR SP100/6 09/10 IN ANY WAY PREJUDICIAL TO THE INTERESTS OF DAMFOSS BRIVES, SHALL APR NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART, OR DISCLOSED		· ·	•	DIM	LY FOR RECORD	THE INFORMATION EMBODIED THEREIN SHALL BE USED ONLY FOR RECORD	11/10	SP10119	А
TO ANYONE WITHOUT THE DIRECT WRITTEN REPAIRSON OF DANIESSES PRIVES ///// INOUELL /// T   DA CE 1 OF 2   SIZE //   DWO   & C	SIZE A DWG 1 O C D O O Z O	ACT MOTOR SELE	, SMB, CONTA		DRIVES, SHALL	IN ANY WAY PREJUDICIAL TO THE INTERESTS OF DANFOSS DRIVES, SHALL	09/10	SP10076	DR
REV ECN DATE AND SHALL BE RETURNED UPON REQUEST.	3121A NO. 185BU932	PAGE <u>1</u> OF <u>2</u>	VLT	D/M   "	DANFOSS DRIVES	TO ANYONE WITHOUT THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES AND SHALL BE RETURNED UPON REQUEST.	DATE	ECN	REV



CR6

5A @ 120VAC

1/10 HP @ 120VAC

10A @ 120/240VAC

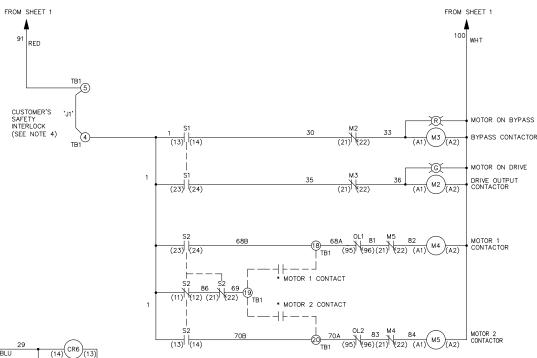
X INDICATES CONTACT CLOSED					
POSITION					
CONTACT	DRIVE	OFF	BYPASS		
13-14			Χ		
23-24	Χ				

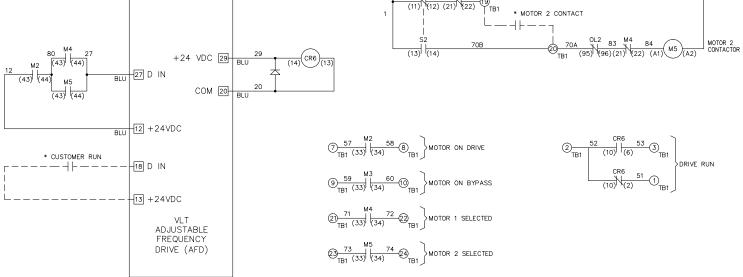
CONTACT SEQUENCE CHART FOR S1



## CONTACT SEQUENCE CHART FOR S2

X INDICATES CONTACT CLOSED					
POSITION					
CONTACT	MOTOR 1	AUTO	MOTOR 2		
11-12	X	<del></del> X			
13-14			X		
21-22		X	X		
23-24	Х				





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.

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DTM

NAME NEMA 3R,208V,2C , MAIN DISC, MAIN & DRIVE FUSE ,3MB,CONTACT MOTOR SELECT,2 FAN



MODEL

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