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 * AC MOTOR 1 4T1 (L1) M2 4T2 (L2) (T2) 2T1 *CUSTOMER L1 (L1) (T1) 1L1 BLK (F15A) 2L1 5L1 L1/R/91 VLT (L1) (T1) 1T1 (L1) T1 INPUT SUPPLIED T1/U/96 -[F16B] 5L2 [F16A] POWER ADJUSTABLE FREQUENCY (L2) (T2) 1T2 (L2) T2 L2 (L2) (T2) 1L2 BLK F15B 2L2 2T2 FEEDER 3L2 T2/V/97 3 PH, 480V, L2/S/92 DRIVE 2T3 (L3) (T3) 1T3 (L3) T3 L3 (L3) (T3) 1L3 BLK ||F15C|| 2L3 |F16B| 5L3 | L2/3/92 | |F16C| 5L3 | L3/T/93 CIRCUIT 4T3 (L3) (T3) PROTECTION T3/W/98 (AFD) 60Hz (SEE NOTE 3) DRIVE INPUT FUSES DRIVE MAIN DISCONNECT 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 X2 100 WHT -| F12 |-115VAC CR6 (12) 5 (11) TS1 HEATER (SET: 65° F) CR6 167 1 (9) (5) (2) FAN 1 (SET: 80° F) (23) (24) TB2 TS1

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

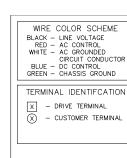
NOTES:

- 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:

TO SHEET 2

- 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 DR SP10076 09/10 REV ECN DATE A SP10119 11/10 DR SP10076 DATE APR MODEL VLT PAGE 1 OF 2 SIZE A DWG 1 8 5 B 0 5 6 6 NO. 1 8 5 B 0 5 6 6	В			- NOTICE - THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF DANFOSS DRIVES.	DRN	NAME	NE	EMA 3R,480V,2C			- L	u
DR SP100/6 09/10 IN ANY WAY PREJUDICIAL TO THE INTERESTS OF DANFOSS DRIVES, SHALL APR NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART, OR DISCLOSED TO ANYONE WITHOUT THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES OF TO ANYONE WITHOUT THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES OF TO ANYONE WITHOUT THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES OF TOWN THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES OF TOWN THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES OF TOWN THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES OF TOWN THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES OF TOWN THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES OF TOWN THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES OF TOWN THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES OF TOWN THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES OF TOWN THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES OF TOWN THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES OF TOWN THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES OF TOWN THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES OF TOWN THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES OF TOWN THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES OF TOWN THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES OF TOWN THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES OF TOWN THE DANFORM THE DANFOR	А	SP10119	11/10	THE INFORMATION EMBODIED THEREIN SHALL BE USED ONLY FOR RECORD	DIM	,∧		· ·			Janjus	10
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CUSTOMER DRY CONTACT RATINGS

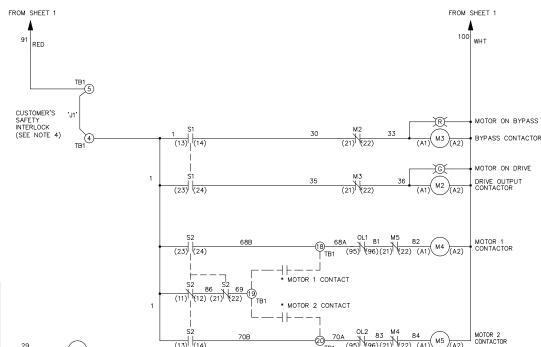
RELAY	CONTACT RATING
CR6	5A @ 120VAC 1/10 HP @ 120VAC
M2, M3, M4, M5	10A @ 120/240VAC

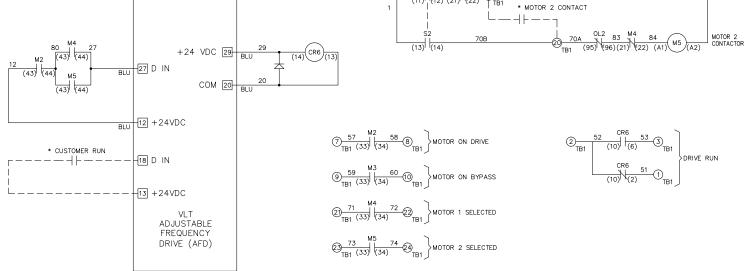
CONTACT SEQUENCE CHART FOR S1

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

CONTACT SEQUENCE CHART FOR S2 X INDICATES CONTACT CLOSED

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





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

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DRN	
	D TM

DTM

APR

NAME NEMA 3R,480V,2C ,MAIN & DRIVE DISC, MAIN & DRIVE FUSE ,3MB,CONTACT MOTOR SELECT,1 FAN



MODEL

VLT

SE 2 of 2

SIZE

DWG 185B0566