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 L1_(L1) (T1) BLK 2L1 3L1 (U1) (U2) 4L1 (F16A) 5L1 L1/R/91 VLT (L1) (T1) 1T1 (L1) T1 INPUT SUPPLIED T1/U/96 POWER 3L2 (V1) (V2) 4L2 [F16B] 5L2 L2/S/92 ADJUSTABLE FREQUENCY (L2) (T2) 1T2 (L2) T2 2T2 FEEDER L2 (L2) T15B] (T2) 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 L3 (L3) - IF15CII (T3) BLK 2L3 4T3 (L3) (T3) PROTECTION T3/W/98 (AFD) 60Hz (SEE NOTE 3) INPUT DRIVE INPUT FUSES DRIVE DISCONNECT DISCONNECT REACTOR (L1) (T1) (L2) (T2) *AC MOTOR 2 EARTH GROUND GRN (L3) (T3) (L3) (T3) 3T3 (L3) 163 RED X2 100 WHT F12 115VAC (12) 5 (11) TS1 HEATER (SET: 65° F) CR6 167 (1)-(9) (5) 7)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.

1. * INDICATES COMPONENTS NOT SUPPLIED BY MANUFACTURER.

- REFER TO THE INSTALLATION AND OPERATION MANUAL FOR DRIVE FUNCTIONS AND PARAMETER SETTINGS.
- 3. 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

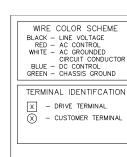
TO SHEET 2

- HIGHER THAN PANEL LISTED AMBIENT TEMPERATURES
- 5.3. ELEVATION ABOVE 3300 FEET (1000 METERS)
- 5.4. LONG MOTOR LEAD LENGTHS

DRIVE PARAMETER SETTINGS

PARAMETER #	RAMETER # NAME		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		EMA 3R,480V,2C			- les
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			SC, DRIVE DISC,			Janjoso
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			
REV	ECN	DATE	TO ANYONE WITHOUT THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES AND SHALL BE RETURNED UPON REQUEST.	D TM	WODEL	VLT	page <u>1</u> of <u>2</u>	SIZE	DWG 18	2R022/



CUSTOMER DRY CONTACT RATINGS

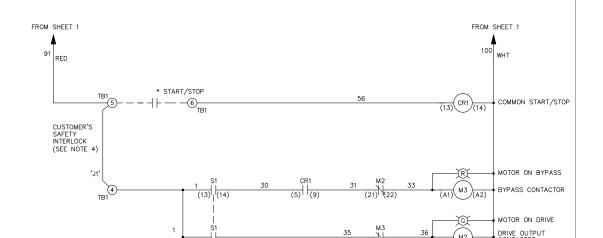
RELAY	CONTACT RATING		
CR1, CR6	5A @ 120VAC 1/10 HP @ 120VAC		
M2, M3, M4, M5	10A @ 120/240VAC		

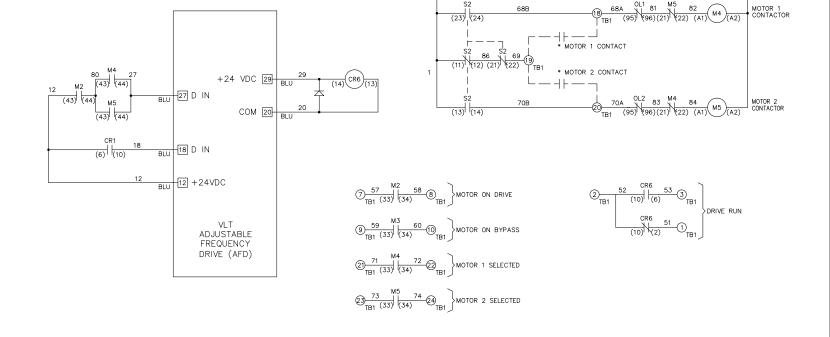
CONTACT SEQUENCE CHART FOR S1

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

CONTACT SEQUENCE CHART FOR S2

A INDICATES CONTACT CLOSED					
POSITION	MOTOR 1	AUTO	MOTOR 2		
00.111.01	WIG TOIL T	71010	moren 2		
11-12	X	 X			
13-14			Χ		
21-22		X	\rightarrow X		
23-24	Х				





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DRN	
	D TM

DTM

NAME NEMA 3R,480V,2C ,MAIN FUSE DISC, DRIVE DISC, DRIVE FUSE ,3MB1,IR,CONTACT MOTOR SELECT,1 FAN

Danfoss

MODEL

VLT

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DWG 185B0557