

**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. BRANCHCIRCUIT 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

B			- NOTICE -	DRN	NAME				
A	SP10119	11/10	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.	DTM	NEMA 3R,480V,2C ,MAIN & DRIVE DISC, DRIVE FUSE ,3MB1,CONTACT MOTOR SELECT,1 FAN				
DR	SP10076	09/10		APR				DTM	
REV	ECN	DATE				MODEL	VLT	PAGE 1 OF 2	SIZE A



**WIRE COLOR SCHEME**  
 BLACK - LINE VOLTAGE  
 RED - AC CONTROL  
 WHITE - AC GROUNDED  
 CIRCUIT CONDUCTOR  
 BLUE - DC CONTROL  
 GREEN - CHASSIS GROUND

**TERMINAL IDENTIFICATION**

□ - DRIVE TERMINAL  
 ⊗ - CUSTOMER TERMINAL

**CUSTOMER DRY CONTACT RATINGS**

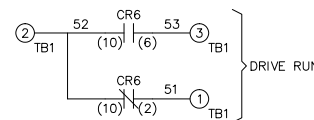
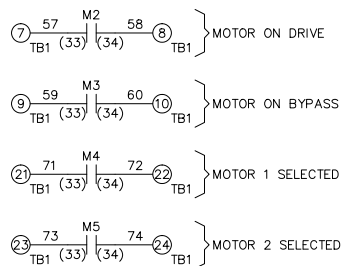
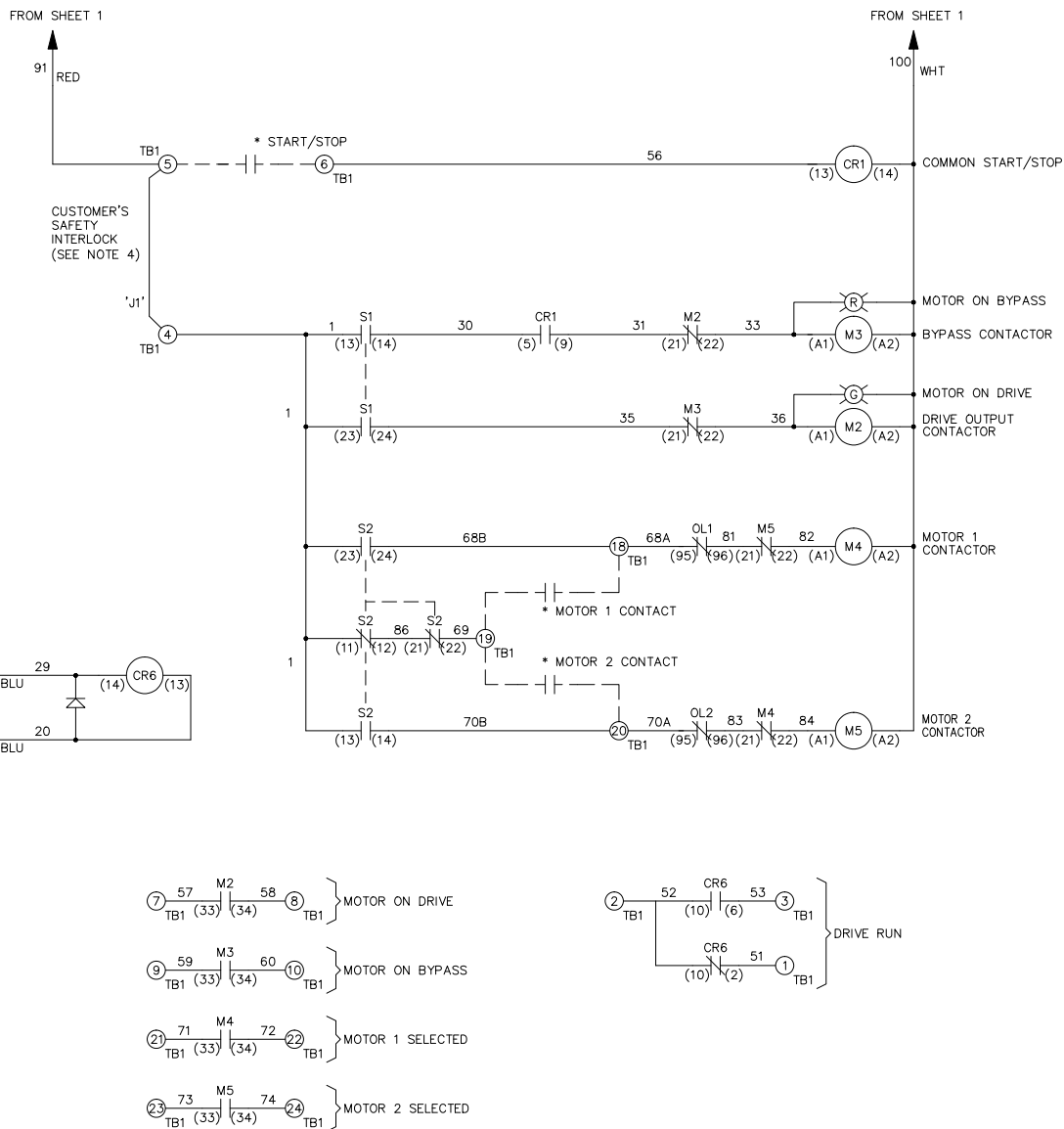
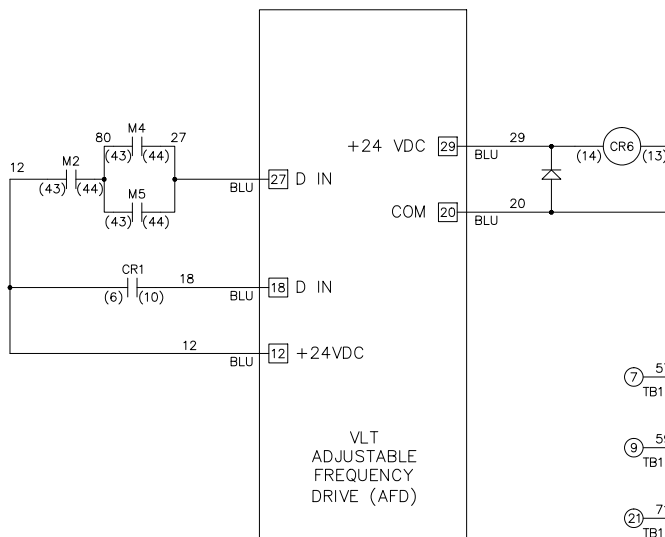
RELAY	CONTACT RATING
CR1, CR6	5A @ 120VAC 1/10 HP @ 120VAC
M2, M3, M4, M5	10A @ 120/240VAC

**CONTACT SEQUENCE CHART FOR S1**  
 X INDICATES CONTACT CLOSED

CONTACT \ POSITION	DRIVE	OFF	BYPASS
13-14			X
23-24	X		

**CONTACT SEQUENCE CHART FOR S2**  
 X INDICATES CONTACT CLOSED

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



B		
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DRN *DTM*  
 APR *DTM*

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

MODEL VLT PAGE 2 OF 2 SIZE A DWG NO. 185B0536

