

- NOTES:
- * INDICATES COMPONENTS NOT SUPPLIED BY MANUFACTURER.
 - REFER TO THE INSTALLATION AND OPERATION MANUAL FOR DRIVE FUNCTIONS AND PARAMETER SETTINGS.
 - 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.
 - REPLACE JUMPER 'J1' WITH NORMALLY CLOSED SAFETY INTERLOCK CONTACT AS NECESSARY. CONTACT MUST BE RATED 1/4 HP @ 120VAC MINIMUM.
 - PANEL MAY REQUIRE DERATING, CONSULT DRIVE MANUAL OR FACTORY FOR FOLLOWING CONDITIONS:
 - HIGHER SWITCHING FREQUENCY THAN DRIVE DEFAULT
 - HIGHER THAN PANEL LISTED AMBIENT TEMPERATURES
 - ELEVATION ABOVE 3300 FEET (1000 METERS)
 - LONG MOTOR LEAD LENGTHS

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

B			- NOTICE -		DRN	NAME		NEMA 3R,600V,2C , MAIN DISC, MAIN & DRIVE FUSE ,3MB,IR,CONTACT MOTOR SELECT,4 FAN	
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				
DR	SP10076	09/10			APR	MODEL		VLT PAGE 1 OF 2 SIZE A DWG NO. 185B2153	
REV	ECN	DATE			DTM				

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

TERMINAL IDENTIFICATION

ⓧ - DRIVE TERMINAL
 ⊗ - CUSTOMER TERMINAL

CUSTOMER DRY CONTACT RATINGS

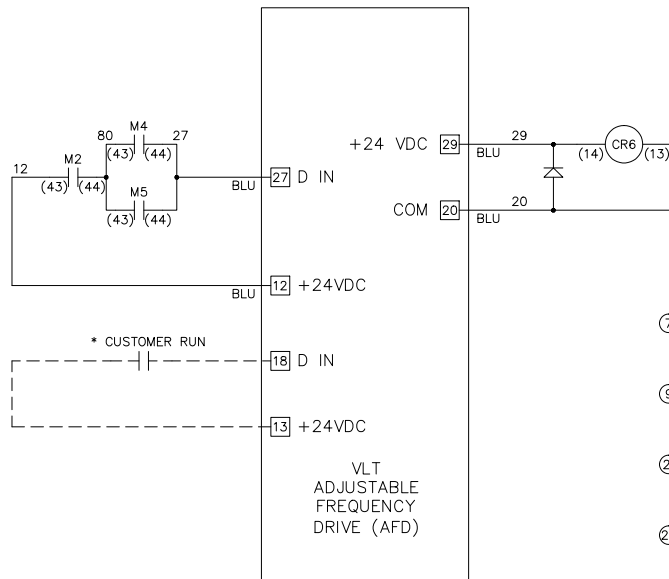
RELAY	CONTACT RATING
CR6	5A @ 120VAC 1/10 HP @ 120VAC
M2, M3, M4, M5	10A @ 120/240VAC

CONTACT SEQUENCE CHART FOR S1
 X INDICATES CONTACT CLOSED

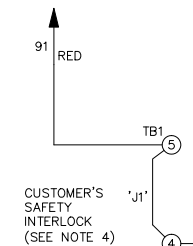
CONTACT \ POSITION	DRIVE	OFF	BYPASS
13-14			X
23-24	X		

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		

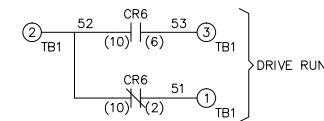
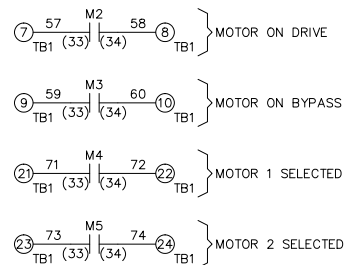
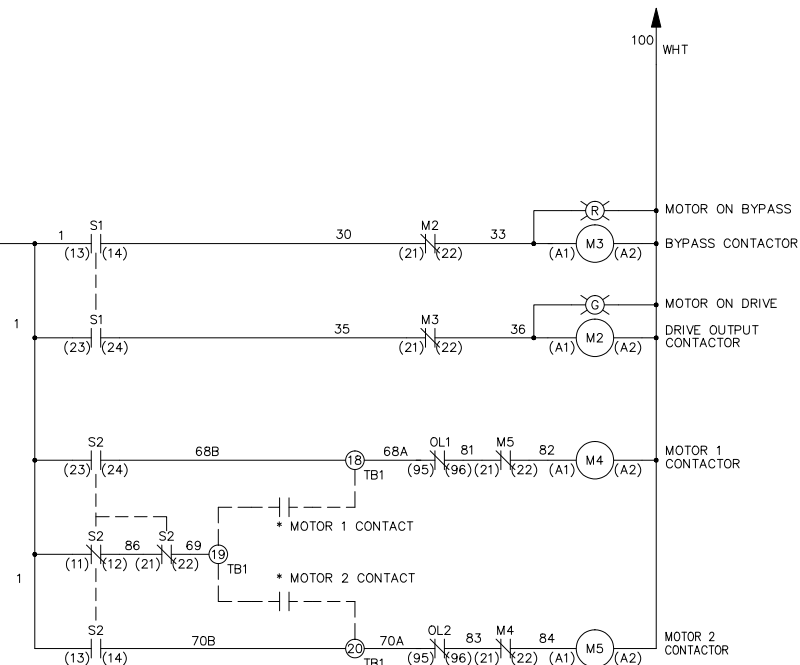


FROM SHEET 1



CUSTOMER'S SAFETY INTERLOCK (SEE NOTE 4)

FROM SHEET 1



B		
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DRN DTM
 APR DTM

NAME NEMA 3R,600V,2C
 , MAIN DISC, MAIN & DRIVE FUSE
 ,3MB,IR,CONTACT MOTOR SELECT,4 FAN
 MODEL VLT
 PAGE 2 OF 2
 SIZE A
 DWG NO. 185B2153

