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 \neg * AC MOTOR OL 4T1 (L1) M2 (T1) 2T1 *CUSTOMER BLK 2L1 5L1 L1/R/91 VLT (L1)_{XX} T1 INPUT SUPPLIED T1/U/96 -[F16B] 5L2 [F16A] POWER ADJUSTABLE FREQUENCY BLK 2L2 4T2 (L2) (T2) (L2) T2 FEEDER L2 L2/S/92 T2/V/97 3 PH, 480V, -----DRIVE (L3)_X T3 CIRCUIT BLK 2L3 4T3 (L3) (T3) PROTECTION T3/W/98 (AFD) 60Hz (SEE NOTE 3) CB1 DRIVE INPUT FUSES CIRCUIT BREAKER (L1) (T1) (L2) (T2) GROUND GRN (L3) (T3) 163 RED X2 100 WHT -| F12 |-115VAC CR6 165 (12) 5 (11) TS1 3 ____ HEATER (SET: 65°F) CR6 166 167 (SET: 80° F) (9) (5) (23) (24) TB2 TS1 FAN 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	0-03 REGIONAL SETTINGS		NORTH AMERICA
1-03	TORQUE CHAR.	3	AUTO ENERGY OPTIM VT
5-02	TERMINAL 29 TYPE	1	OUTPUT
5-31	5-31 TERMINAL 29		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

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DR	SP10076	09/10	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	APR	MODEL	,3MB,S	SINGLE MOTOR,2 FAN	1 DWC 4 O F D 4 O O O
REV	ECN	DATE	TO ANYONE WITHOUT THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES AND SHALL BE RETURNED UPON REQUEST.	D TM	MODEL	VLT	PAGE $\frac{1}{2}$ OF $\frac{2}{2}$	4 No. 185B1296

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

TERMINAL IDENTIFICATION

X - DRIVE TERMINAL

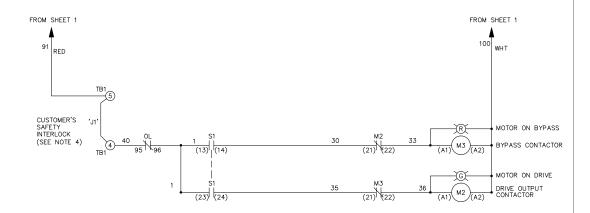
 $\overline{\otimes}$ - CUSTOMER TERMINAL

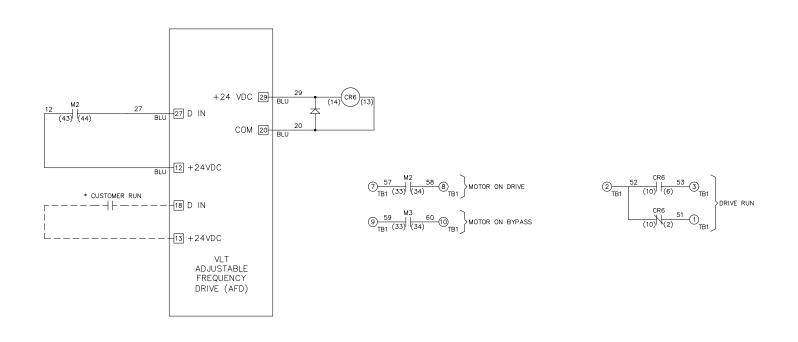
CUSTOMER DRY CONTACT RATINGS

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

CONTACT SEQUENCE CHART FOR S1

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





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DTM

NAME NEMA 3R,480V,2C ,MAIN CB ,DRIVE FUSE ,3MB,SINGLE MOTOR,2 FAN



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