WIRE COLOR SCHEME TERMINAL IDENTIFICATION BLACK - LINE VOLTAGE RED - AC CONTROL X - DRIVE TERMINAL WHITE - AC GROUNDED X - CUSTOMER TERMINAL CIRCUIT CONDUCTOR BLUE - DC CONTROL GREEN - CHASSIS GROUND EARTH GROUND EARTH GROUND \neg * AC MOTOR OL 4T1 (L1) M2 (T1) 2T1 *CUSTOMER L1 (L1) (T1) BLK 2L1 5L1 L1/R/91 VLT (L1)_{XX} T1 INPUT SUPPLIED T1/U/96 [F16A] POWER ADJUSTABLE FREQUENCY (L2) (T2) 3L2 4T2 (L2) (T2) (L2) T2 FEEDER L2 (L2) (T2) BLK 2L2 T2/V/97 3 PH, 240V, L2/S/92 DRIVE CIRCUIT (L3)₂₂ T3 L3 (L3) (T3) BLK 2L3 (L3) (T3) 3L3 4T3 (L3) (T3) T3/W/98 PROTECTION (AFD) 60Hz (SEE NOTE 3) DRIVE INPUT FUSES DISCONNECT (L1) (T1) (L2) (T2) EARTH GROUND GRN (L3) (T3) 163 RED X2 100 WHT F12 115VAC (12) 5 (11) TS1 HEATER (SET: 65°F) CR6 167 (1)-(SET: 80° F) (9) (5) (23) (24) TB2 TS1 TO SHEET 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.

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

DRIVE PARAMETER SETTINGS

PARAMETER #	PARAMETER # NAME 0-02 MOTOR SPEED UNIT 0-03 REGIONAL SETTINGS		VALUE			
0-02			-02 MOTOR SPEED UNIT 1		HZ	
0-03			NORTH AMERICA			
1-03 TORQUE CHAR.		3	AUTO ENERGY OPTIM VT			
5-02	5-02 TERMINAL 29 TYPE		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,240V,3C	To les
А	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	D TM		•	USE DISC, DRIVE FUSE	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	,JMBT,	SINGLE MOTOR,1 FAN	
REV	ECN	DATE	TO ANYONE WITHOUT THE DIRECT WRITTEN PERMISSION OF DANFOSS DRIVES AND SHALL BE RETURNED UPON REQUEST.	D IM	MODEL	VLT	PAGE $\underline{1}$ OF $\underline{2}$	NO. 18580396



CIRCUIT CONDUCTOR
BLUE - DC CONTROL
GREEN - CHASSIS GROUND

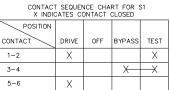
TERMINAL IDENTIFCATION

- DRIVE TERMINAL

 $\overline{\otimes}$ - CUSTOMER TERMINAL

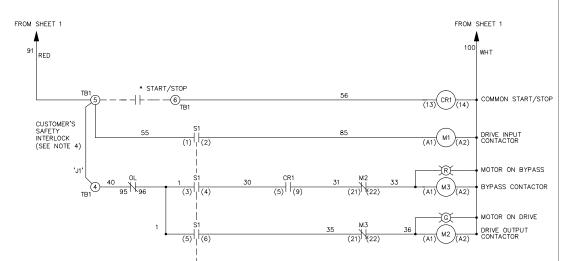
CUSTOMER DRY CONTACT RATINGS

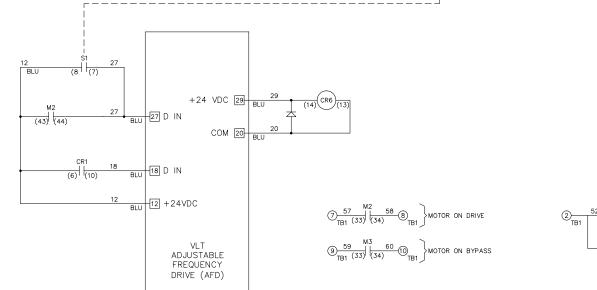
RELAY	CONTACT RATING		
CR1, CR6	5A @ 120VAC 1/10 HP @ 120VAC		
M1, M2, M3	10A @ 120/240VAC		



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7-8





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Α	SP10119	11/10
DR	SP10076	09/10
REV	ECN	DATE

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	DRN	D TM	NAME
Г	APR		
	ALK	$\cap TM$	MODEL

DTM

NEMA 3R,240V,3C MAIN FUSE DISC DRIVE FUSE

VLT

,WAIN F	USE	טוט	ou,	DUILAE	. гоз
,3MB1	,SING	LE	МО	TOR,1	FAN
					CLZE .

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