

NOTES

- 1. * INDICATES COMPONENTS NOT SUPPLIED BY MANUFACTURER.
- 2. REFER TO THE INSTALLATION AND OPERATION MANUAL FOR DRIVE FUNCTIONS AND PARAMETER SETTINGS.
- 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 THEN DRIVE DEFAULT
- 5.2. HIGHER THEN PANEL LISTED AMBIENT TEMPERATURES
- 5.3. ELEVATION ABOVE 3300 FEET (1000 METERS)
- 5.4. LONG MOTOR LEAD LENGTHS

WARNING!
THE FOLLOWING TABLE LIST 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	

В			-NOTICE-	DRN	NAME	N	EMA 3R,208V,2C			THE TRANE COMPANY
Α			THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO	DTM			AIN CB, DRIVE FUS			A DIVISION OF AMERICAN STANDARD INC.
DR	ECNSP09001	1/09	OUTSIDE PARTIES WITHOUT THE WRITTEN	APR		,SMBZ,II	R,SINGLE MOTOR	<u> </u>		
REV	ECN	DATE	CONSENT OF THE TRANE COMPANY	DTM	MODEL	VLT	PAGE <u>1</u> OF <u>2</u>	SIZE	DWG 1 7	4N3745
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TERMINAL IDENTIFCATION

X - DRIVE TREMINAL

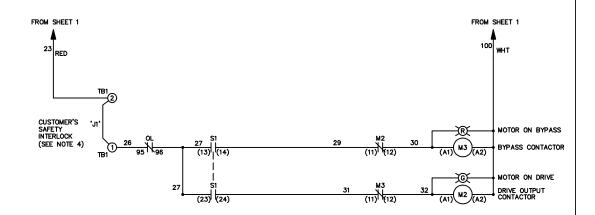
O - CUSTOMER TERMINAL

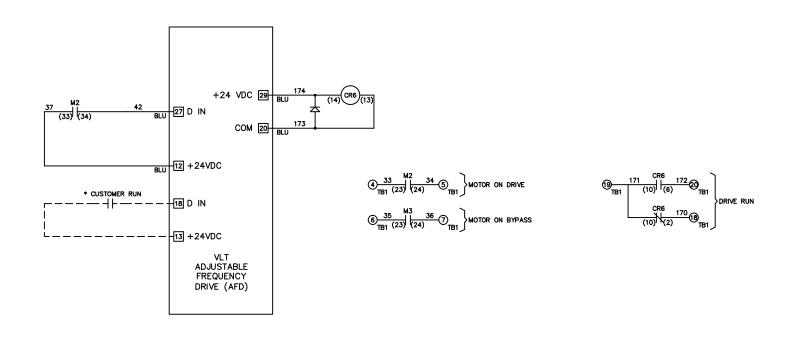
CUSTOMER DRY CONTACT RATINGS

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

CONTACT SEQUENCE CHART FOR S1

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





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DR	ECNSP09001	1/09
REV	ECN	DATE

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drn DTM	NAME		EMA 3R,208V,20 IN CB.DRIVE FU	
APR		•	R,SINGLE MOTOR	
DTM	MODEL	VLT	PAGE <u>2</u> OF <u>2</u>	SIZE

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