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

TERMINAL IDENTIFCATION

X - DRIVE TERMINAL

X - CUSTOMER TERMINAL

EARTH GROUND EARTH GROUND GRN H* AC MOTOR 1 *CUSTOMER SUPPLIED (U1) (U2) 2L1 (F16A) 3L1 L1 (L1) (T1) 1L1 VLT 2T1 INPUT L1/R/91 T1/U/96 POWER (V1) (V2) 2L2 (F16B) 3L2 ADJUSTABLE FREQUENCY BRANCH L2 (L2) (T2) 1L2 2T2 (L2) (T2) ___ T2_ L2/S/92 3 PH, 240V, T2/V/97 (W1) (W2) 2L3 |F16C| 3L3 |L2/5/92 |L3/T/93 DRIVE CIRCUIT L3 (L3) (T3) 1L3 2T3 (L3) (T3) <u>T3</u> PROTECTION T3/W/98 (AFD) (SEE NOTE 3) INPUT DRIVE INPUT FUSES MAIN DISCONNECT REACTOR *AC MOTOR 2 EARTH GROUND GRN (L2) (T2) ___ <u>T2_</u> (L3) (T3) 163 RED X2 F12 115VAC CR6 (12) 5 (11) TS1 HEATER (SET: 65° F) CR6 167 (SET: 80° F) (9) (5) TB2 TO SHEET 2 TO SHEET 2

NOTES

1. * INDICATES COMPONENTS NOT SUPPLIED BY MANUFACTURER.

 REFER TO THE INSTALLATION AND OPERATION MANUAL FOR DRIVE FUNCTIONS AND PARAMETER SETTINGS.
 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.

 REPLACE JUMPER 'J1' WITH NORMALLY CLOSED SAFETY INTERLOCK CONTACT AS NECESSARY. CONTACT MUST BE RATED 1/6 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

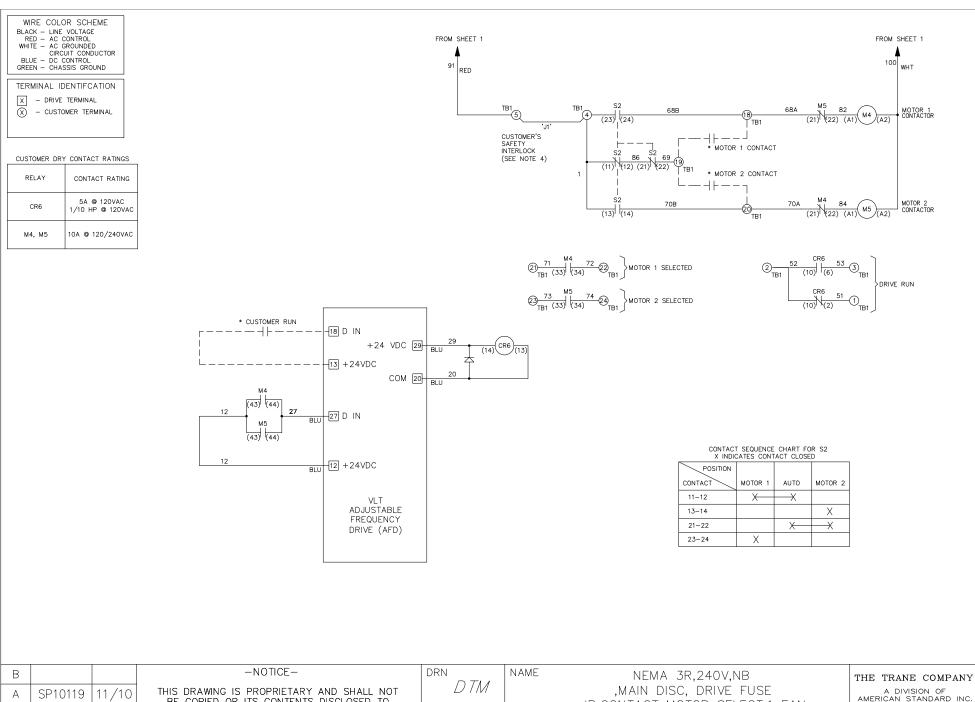
WARNING!
THE FOLLOWING TABLE LISTS THE PARAMETERS THAT
ARE SET DIFFERENT FROM THE DRIVE DEFAULT SETTINGS.
ADDITIONAL PARAMETER SETTINGS MAY BE REQUIRED

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		

B A	SP10119	11/10	-NOTICE- THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE WRITTEN CONSENT OF THE TRANE COMPANY	DRN D TM	NAME NEMA 3R,240V,NB ,MAIN DISC, DRIVE FUSE ,IR,CONTACT MOTOR SELECT,1 FAN			THE TRANE COMPANY A DIVISION OF AMERICAN STANDARD INC.
DR	SP10076 ECN	09/10 DATE		APR D TM	MODEL	TR200	PAGE 1 OF 2 SIZE A DWG 1 S	5B2777
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DR	SP10076	09/10		APR				AMERICAN STANDARD INC.		
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