



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

TERMINAL IDENTIFICATION
 [X] - DRIVE TERMINAL
 (X) - CUSTOMER TERMINAL

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
5-11	TERMINAL 19	52	RUN PERMISSIVE
5-31	TERMINAL 29	5	RUNNING
5-40[0]	RELAY 1	160	NO ALARM
5-40[1]	RELAY 2	167	START COMMAND
14-20	RESET MODE	13	INFINITE AUTO REST

- 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

B			-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	NAME NEMA 3R,240V,3C ,MAIN CB ,DRIVE FUSE ,3MB2,1R,SINGLE MOTOR,2 FAN				THE TRANE COMPANY A DIVISION OF AMERICAN STANDARD INC.	
A	SP10119	11/10		DTM	APR	MODEL	PAGE	SIZE		
DR	SP10076	09/10			DTM	TR200	1 OF 2	A	185B3573	
REV	ECN	DATE								

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CUSTOMER DRY CONTACT RATINGS

RELAY	CONTACT RATING
CR1, CR2, CR6, CR8, CR9	5A @ 120VAC 1/10 HP @ 120VAC
M1, M2, M3	10A @ 120/240VAC
UV	8A @ 120VAC 1/3 HP @ 120VAC
TD1	4A @ 250VAC
DRIVE RELAY 1 & 2	2A @ 240VAC

CONTACT SEQUENCE CHART FOR S1				
X INDICATES CONTACT CLOSED				
CONTACT \ POSITION	DRIVE	OFF	BYPASS	TEST
1-2	X			X
3-4			X	X
5-6	X			
7-8				X



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DRN
DTM
APR
DTM

NAME
NEMA 3R,240V,3C
,MAIN CB ,DRIVE FUSE
,3MB2,IR,SINGLE MOTOR,2 FAN
MODEL TR200

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