

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   |
|             |                   |         |                      |
|             |                   |         |                      |

### 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:
- 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

| DR SP10076 09/10  BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE WRITTEN  AMERICAN STAN  AMERICAN STAN  APR | В   |         |       | -NOTICE-                            | DRN                                 | NAME  | N     | EMA 3R,480V,2C            |         |                               | THE TRANE COMPANY                    |  |          |
|---|-----|---------|-------|-------------------------------------|-------------------------------------|-------|-------|---------------------------|---------|-------------------------------|--------------------------------------|--|----------|
| DR SP10076 09 /10 OUTSIDE PARTIES WITHOUT THE WRITTEN APR ,SMB,IR,SINGLE MOTOR,Z FAIN   | А   | SP10119 | 11/10 |                                     | DIM                                 |       | ·     |                           |         | =                             | A DIVISION OF AMERICAN STANDARD INC. |  |          |
| CONSENT OF THE TRANE COMPANY   DAME TO DO   | DR  | SP10076 | 09/10 | OUTSIDE PARTIES WITHOUT THE WRITTEN | OUTSIDE PARTIES WITHOUT THE WRITTEN |       | APR   | MODEL                     | ,JMB,IR | R,SINGLE MUTUR, <i>.</i><br>T |                                      |  | <u> </u> |
| REV ECN DATE NO. 10000  | REV | ECN     | DATE  |                                     | D TM                                | MODEL | TR200 | PAGE <u>1</u> OF <u>2</u> | SIZE A  | DWG 1 8                       | 5B36U9                               |  |          |

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

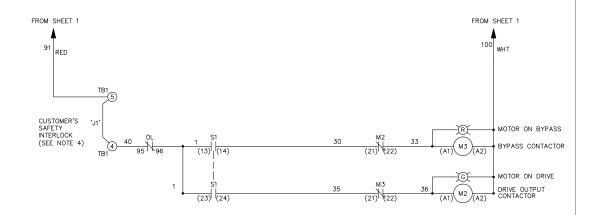
X - CUSTOMER TERMINAL

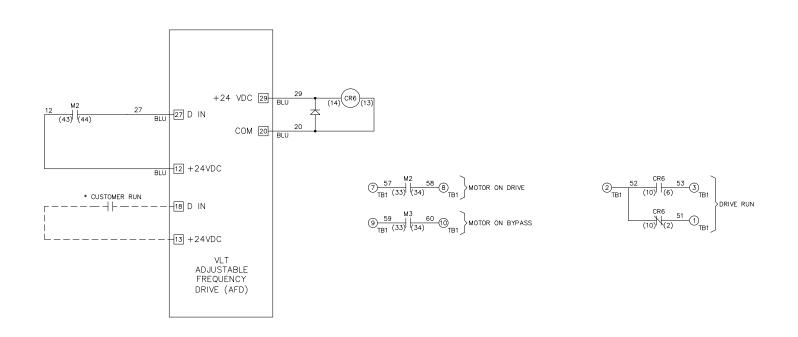
#### CUSTOMER DRY CONTACT RATINGS

| RELAY  | CONTACT RATING                  |
|--------|---------------------------------|
| CR6    | 5A @ 120VAC<br>1/10 HP @ 120VAC |
| M2, M3 | 10A @ 120/240VAC                |

# CONTACT SEQUENCE CHART FOR S1

| X INDICAT | ES CONT | ACT CLC | SED    |
|-----------|---------|---------|--------|
| POSITION  |         |         |        |
| CONTACT   | DRIVE   | OFF     | BYPASS |
| 13-14     |         |         | Χ      |
| 23-24     | Χ       |         |        |





| В   |         |       |
|-----|---------|-------|
| Α   | SP10119 | 11/10 |
| DR  | SP10076 | 09/10 |
| REV | ECN     | DATE  |

| -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<br>D TM        | NAME  | , MAIN DI | EMA 3R,480V,2C<br>SC, MAIN & DRI<br>.SINGLE MOTOR.2 | ve fuse | Ξ      | THE TRANE COMPAN<br>A DIVISION OF<br>AMERICAN STANDARD IN |
|--------------------|-------|-----------|---|---------|--------|---|
| apr<br>D <i>TM</i> | MODEL | TR200     | PAGE <u>2</u> OF <u>2</u>                           | SIZE    | DWG 18 | 5B3609  |

| T | $^{\mathrm{HE}}$ | TRA:          | NE | CC | MP. | ANY  |  |
|---|------------------|---------------|----|----|-----|------|--|
| А | MEF              | A DI<br>RICAN |    |    |     | INC. |  |