

**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.
- 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 1/4 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-<br>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,2C<br>,MAIN & DRIVE DISC, DRIVE FUSE<br>,3MB2,1R,SINGLE MOTOR,1 FAN |       |       |             | THE TRANE COMPANY<br>A DIVISION OF<br>AMERICAN STANDARD INC. |                  |
| A   | SP10119 | 11/10 |   | DTM | APR   | MODEL | TR200 | PAGE 1 OF 2 | SIZE A   | DWG NO. 185B2643 |
| DR  | SP10076 | 09/10 |   | DTM |   |       |       |             |  |                  |
| REV | ECN     | DATE  |   |     |   |       |       |             |  |                  |

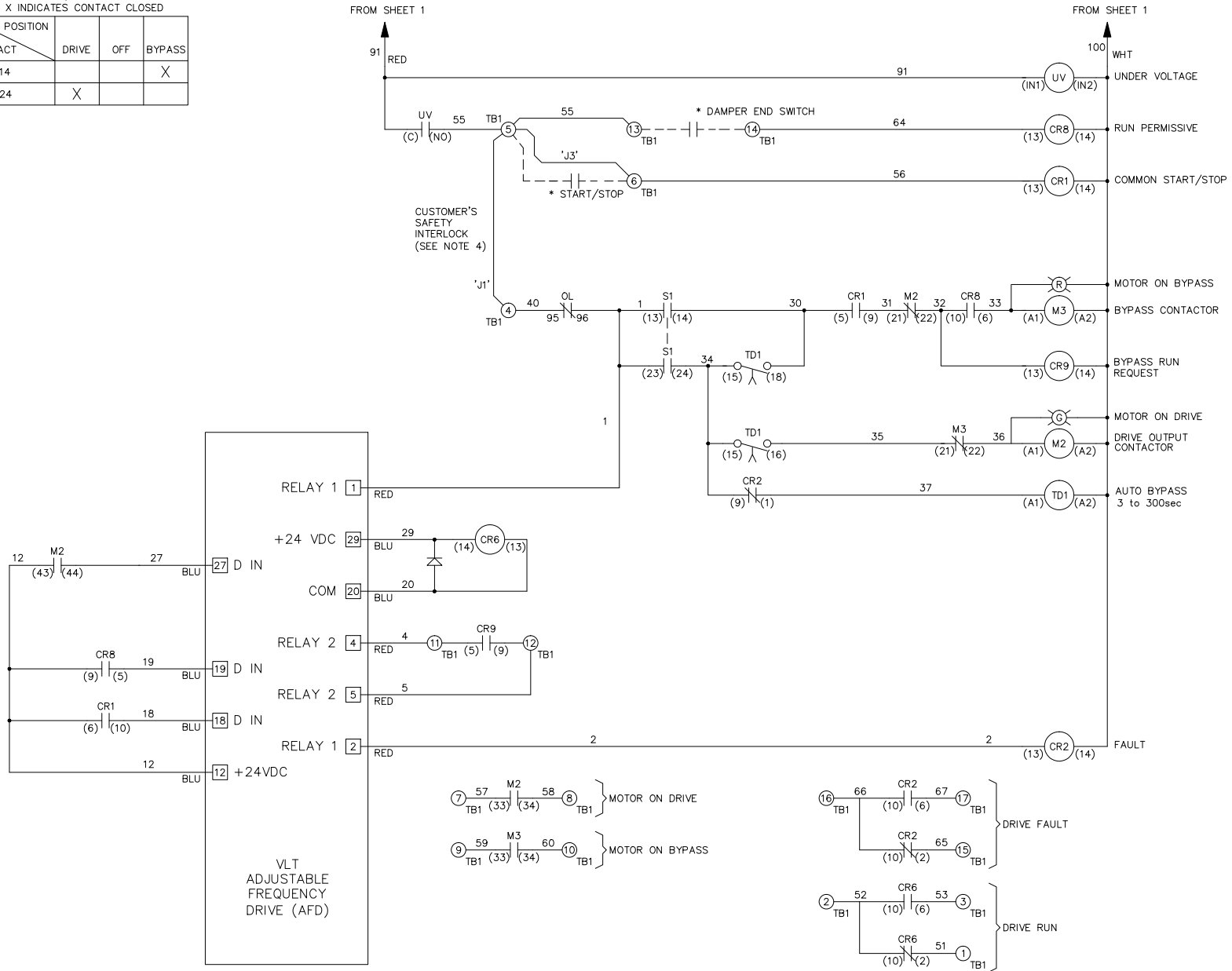
| WIRE COLOR SCHEME |                                 |
|-------------------|---------------------------------|
| BLACK             | - LINE VOLTAGE                  |
| RED               | - AC CONTROL                    |
| WHITE             | - AC GROUNDED CIRCUIT CONDUCTOR |
| BLUE              |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

| TERMINAL IDENTIFICATION   |                     |
|---|---------------------|
| <span style="border: 1px solid black; padding: 0 2px;">X</span>                     | - DRIVE TERMINAL    |
| <span style="border: 1px solid black; border-radius: 50%; padding: 0 2px;">X</span> | - CUSTOMER TERMINAL |

CUSTOMER DRY CONTACT RATINGS

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

| CONTACT SEQUENCE CHART FOR S1<br>X INDICATES CONTACT CLOSED |          |       |     |        |
|---|----------|-------|-----|--------|
| CONTACT   | POSITION | DRIVE | OFF | BYPASS |
| 13-14   |          |       |     | X      |
| 23-24   |          | X     |     |        |



|     |         |       |
|-----|---------|-------|
| B   |         |       |
| A   | 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  
*DTM*

APR  
*DTM*

NAME  
NEMA 3R,240V,2C  
,MAIN & DRIVE DISC, DRIVE FUSE  
,3MB2,IR,SINGLE MOTOR,1 FAN

MODEL  
TR200

PAGE 2 OF 2

SIZE  
A

DWG NO. 185B2643

THE TRANE COMPANY  
A DIVISION OF  
AMERICAN STANDARD INC.