

**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:
- \* 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-<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  |       |      |        | <b>THE TRANE COMPANY</b><br>A DIVISION OF<br>AMERICAN STANDARD INC. |          |
| A   | SP10119 | 11/10 |   | DTM | NEMA 3R,240V,2C<br>,MAIN CB, DRIVE DISC, DRIVE FUSE<br>,3MB,IR,CONTACT MOTOR SELECT,2 FAN |       |      |        |   |          |
| DR  | SP10076 | 09/10 |   | APR | MODEL   | TR200 | PAGE | 1 OF 2 | SIZE  | A        |
| REV | ECN     | DATE  |   | DTM |   |       |      |        | DWG NO.   | 185B3509 |

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

**TERMINAL IDENTIFICATION**

ⓧ - DRIVE TERMINAL  
 ⊗ - CUSTOMER TERMINAL

**CUSTOMER DRY CONTACT RATINGS**

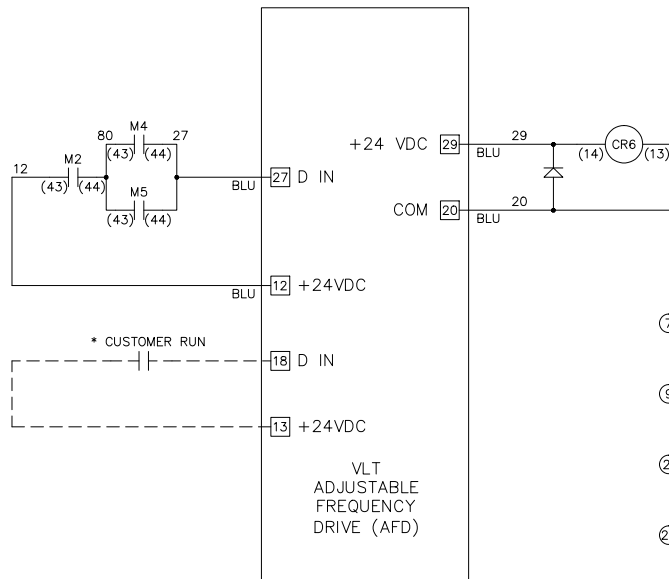
| RELAY             | CONTACT RATING                  |
|-------------------|---------------------------------|
| CR6               | 5A @ 120VAC<br>1/10 HP @ 120VAC |
| M2, M3,<br>M4, M5 | 10A @ 120/240VAC                |

**CONTACT SEQUENCE CHART FOR S1**  
 X INDICATES CONTACT CLOSED

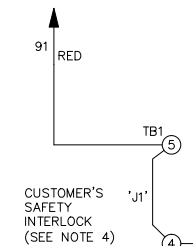
| CONTACT \ POSITION | DRIVE | OFF | BYPASS |
|--------------------|-------|-----|--------|
| 13-14              |       |     | X      |
| 23-24              | X     |     |        |

**CONTACT SEQUENCE CHART FOR S2**  
 X INDICATES CONTACT CLOSED

| CONTACT \ POSITION | MOTOR 1 | AUTO | MOTOR 2 |
|--------------------|---------|------|---------|
| 11-12              | X       | X    |         |
| 13-14              |         |      | X       |
| 21-22              |         | X    | X       |
| 23-24              | X       |      |         |

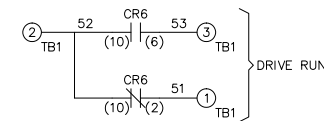
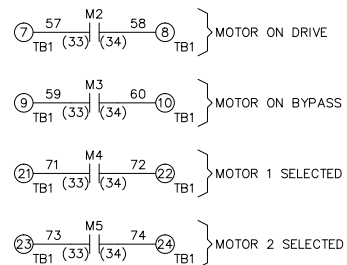
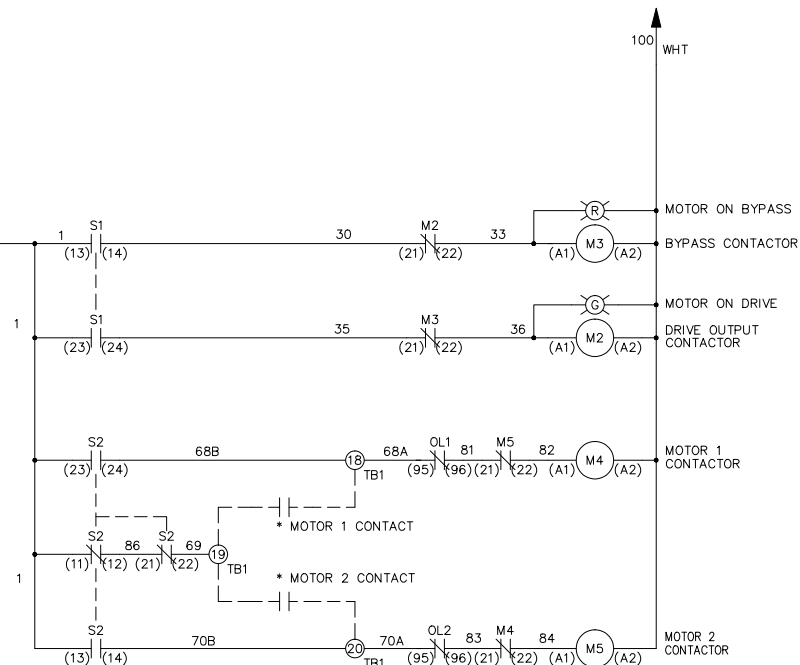


FROM SHEET 1



CUSTOMER'S SAFETY INTERLOCK (SEE NOTE 4)

FROM SHEET 1



|     |         |       |
|-----|---------|-------|
| B   |         |       |
| A   | SP10119 | 11/10 |
| DR  | SP10076 | 09/10 |
| REV | ECN     | DATE  |

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DRN *DTM*  
 APR *DTM*

NAME NEMA 3R,240V,2C  
 ,MAIN CB, DRIVE DISC, DRIVE FUSE  
 ,3MB,IR,CONTACT MOTOR SELECT,2 FAN

**THE TRANE COMPANY**  
 A DIVISION OF  
 AMERICAN STANDARD INC.

MODEL TR200    PAGE 2 OF 2    SIZE A    DWG NO. 185B3509