

**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   |         |       | <b>-NOTICE-</b><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<br>NEMA 3R,480V,2C<br>,MAIN CB ,DRIVE FUSE<br>,3MB1,IR,CONTACT MOTOR SELECT,2 FAN |  |  |  | <b>THE TRANE COMPANY</b><br>A DIVISION OF<br>AMERICAN STANDARD INC. |  |               |  |                         |  |
| A   | SP10119 | 11/10 |                                                                                                                                                                      | DTM |                                                                                        |  |  |  |                                                                     |  |               |  |                         |  |
| DR  | SP10076 | 09/10 |                                                                                                                                                                      | APR | MODEL<br>TR200                                                                         |  |  |  | PAGE <u>1</u> OF <u>2</u>                                           |  | SIZE <u>A</u> |  | DWG NO. <u>185B3635</u> |  |
| REV | ECN     | DATE  |                                                                                                                                                                      | DTM |                                                                                        |  |  |  |                                                                     |  |               |  |                         |  |

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

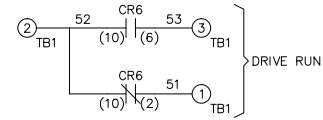
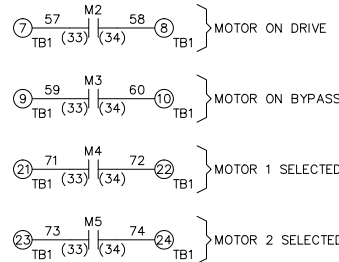
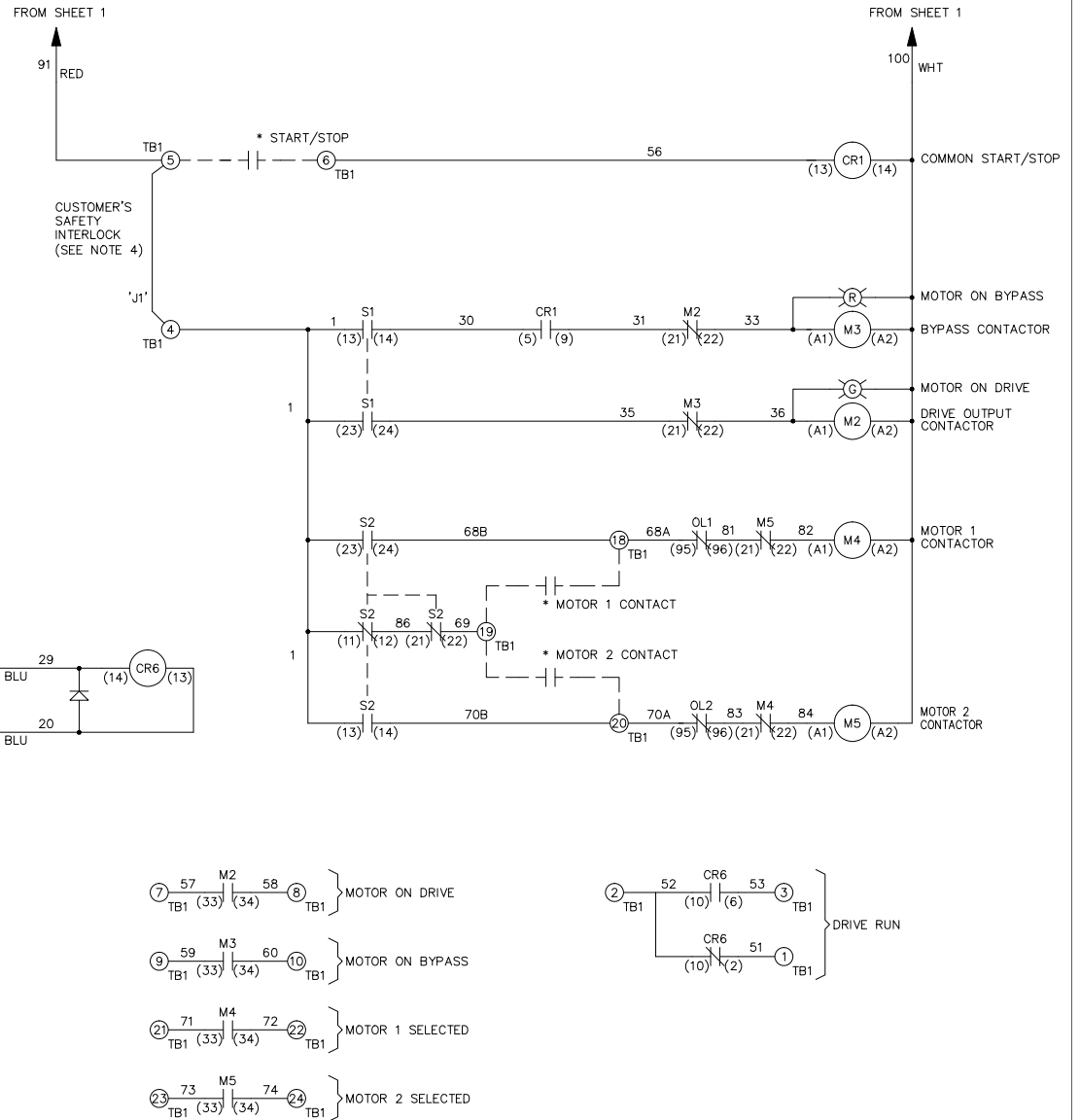
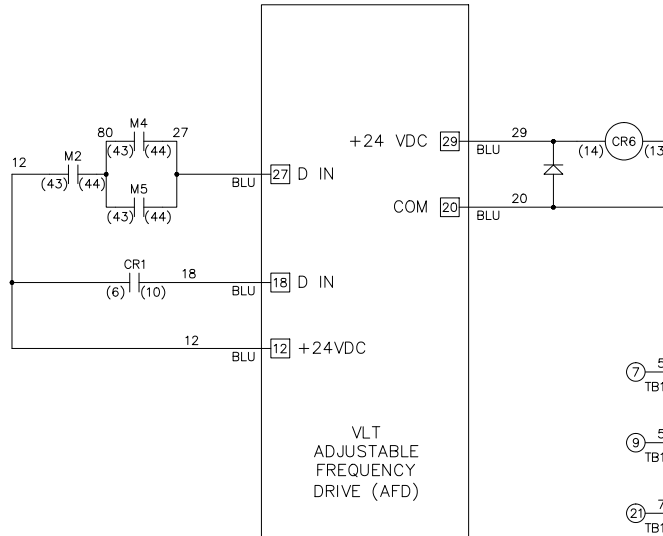
| RELAY             | CONTACT RATING                  |
|-------------------|---------------------------------|
| CR1, CR6          | 5A @ 120VAC<br>1/10 HP @ 120VAC |
| M2, M3,<br>M4, M5 | 10A @ 120/240VAC                |

CONTACT SEQUENCE CHART FOR S1  
 X INDICATES CONTACT CLOSED

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

CONTACT SEQUENCE CHART FOR S2  
 X INDICATES CONTACT CLOSED

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



|     |         |       |
|-----|---------|-------|
| B   |         |       |
| A   | SP10119 | 11/10 |
| DR  | SP10076 | 09/10 |
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DRN DTM  
 APR DTM

NAME NEMA 3R,480V,2C  
 ,MAIN CB ,DRIVE FUSE  
 ,3MB1,IR,CONTACT MOTOR SELECT,2 FAN  
 MODEL TR200

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 AMERICAN STANDARD INC.

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