

**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  |        |      | THE TRANE COMPANY<br>A DIVISION OF<br>AMERICAN STANDARD INC. |
| A   | SP10119 | 11/10 |   | DTM | NEMA 3R,208V,3C<br>,MAIN CB ,DRIVE FUSE<br>,3MB,IR,SINGLE MOTOR,1 FAN |        |      |  |
| DR  | SP10076 | 09/10 |   | APR | MODEL   | PAGE   | SIZE | 185B2529   |
| REV | ECN     | DATE  |   | DTM | TR200   | 1 OF 2 | A    |  |

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

TERMINAL IDENTIFICATION

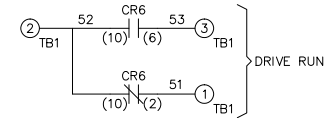
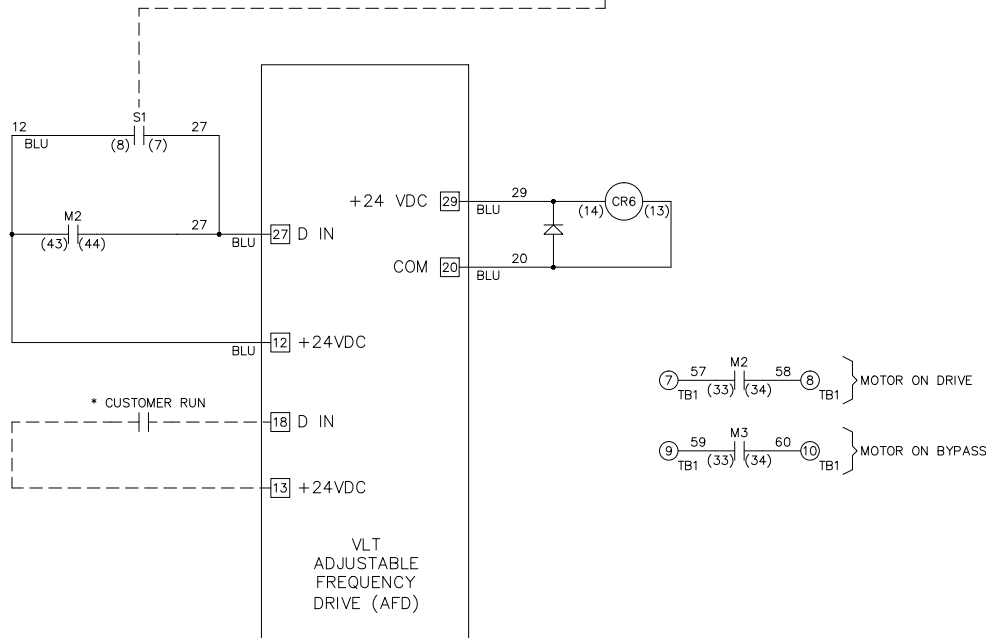
[X] - DRIVE TERMINAL  
 (X) - CUSTOMER TERMINAL

CUSTOMER DRY CONTACT RATINGS

| RELAY      | CONTACT RATING                  |
|------------|---------------------------------|
| CR6        | 5A @ 120VAC<br>1/10 HP @ 120VAC |
| M1, M2, M3 | 10A @ 120/240VAC                |

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,208V,3C  
 ,MAIN CB ,DRIVE FUSE  
 ,3MB,IR,SINGLE MOTOR,1 FAN

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 AMERICAN STANDARD INC.

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